Usenet Newsgroup Archive: rec.radio.amateur.space

2000

These Usenet messages were preserved as a plain-text archive. This PDF was generated by Digital Library of Amateur Radio & Communications from the source text file in 2026.

Date span: 2000-01-01 through 2000-12-31

Source text: rec.radio.amateur.space.txt

Source item: https://archive.org/details/usenet-rec

Messages included in this PDF: 3,649

Message records with no readable body available in the source text: 1

Messages are presented chronologically by archived date.

Binary or encoded payloads are not printed as blocks of encoded text; a placeholder appears where such material was detected. The original source text is unchanged.

1. Re: PENIS ENLARGEMENT..FREE INFO..NATURAL 5171

Newsgroup: rec.radio.amateur.space
Date: 2000-01-01 00:00:00 UTC
From: aretm <aretm@ozemail.com.au>
Message-ID: <EX4b4.997$FY3.1342@ozemail.com.au>
Source record: 10685

Or if it is erected and pointed in the right direction you may be able to
send a clearer signal.

"KE6NVV" <ke6nvv@mcn.net> wrote in message news:385D9B2D.4255@mcn.net...
> Seems to me that if you increase the size of your element, you will
> decrease your frequency.

2. Re: Instant Track

Newsgroup: rec.radio.amateur.space
Date: 2000-01-01 00:00:00 UTC
From: Hamish Moffatt <hamish@rising.com.au>
Message-ID: <84jjqm$16sh$1@arachne.labyrinth.net.au>
Source record: 10686

Carl R. Stevenson <wa6vse@fast.net> wrote:
> If anyone has experience-based recomendations on either Win32
> or Linux sat trcking programs, I'd appreciate a comment and a URL
> to the download site.

There's a few on linux. SatTrack is reasonable; the newer versions
are commercial but the 3.x version is free for amateur use. Unfortunately
it appears to be non-Y2K compliant, having tried to use it this morning.
The source is available so I might try to fix it later.

There's also mtrack, which is quite good, and predict, which I haven't
tried yet.

I have .debs and .rpms of sattrack at
ftp://ftp.rising.com.au/pub/hamish/sattrack, or you can download the source
from ftp.funet.fi. You can get mtrack from
ftp://ftp.hes.iki.fi/pub/ham/unix/satellite/ .. I don't know where to get
predict.

Hamish vk3sb
--
Hamish Moffatt Mobile: +61 412 011 176 hamish@rising.com.au
Rising Software Australia Pty. Ltd. http://www.risingsoftware.com/
Phone: +61 3 9894 4788 Fax: +61 3 9894 3362 USA: 1 888 667 7839

3. Re: Join the Space Program

Newsgroup: rec.radio.amateur.space
Date: 2000-01-01 00:00:00 UTC
From: Hamish Moffatt <hamish@rising.com.au>
Message-ID: <84jk3u$16sh$2@arachne.labyrinth.net.au>
Source record: 10687

Jason Brown <jasonb@lunartic.com> wrote:
> You have the opportunity to get involved with ISN right now, at no cost,
> with no risk. Then - using the internet - you tell just a couple of people
> a day about ISN and about ISN's Spaceward Ho! Vacations simply by sending
> email or posting newsgroup messages just like this one. That's all that you
> have to do - just 3 or 4 emails or newsgroup postings a day. ISN's staff
> does everything else.

You can get into the space program through multi-level marketing?
That's unusual to say the least!

Hamish
--
Hamish Moffatt Mobile: +61 412 011 176 hamish@rising.com.au
Rising Software Australia Pty. Ltd. http://www.risingsoftware.com/
Phone: +61 3 9894 4788 Fax: +61 3 9894 3362 USA: 1 888 667 7839

4. happy 2000

Newsgroup: rec.radio.amateur.space
Date: 2000-01-01 00:00:00 UTC
From: j.v.e@worldonline.nl
Message-ID: <84kmt4nbf1@news.worldonline.nl>
Source record: 10688

http://home.worldonline.nl/~johnnye/

5. Linux SatTrack

Newsgroup: rec.radio.amateur.space
Date: 2000-01-01 00:00:00 UTC
From: Hil <g4ynv@nospam.demon.co.uk>
Message-ID: <ZuuHwJAHpXb4EwQC@newearth.demon.co.uk>
Source record: 10689

A nearby thread contained an article by Carl R. Stevenson
<wa6vse@fast.net> which said:

> A nice tracking program for Linux exists: SatTrack. Unfortunately it
> has gone commercial, and it seems to target professional users so it
> is probably quite expensive. But you can always ask, it was written
> by a radio amateur.

Some while ago I contacted www.bester.com for pricing details of the
current version of SatTrack, and was informed that it was not available
to anyone outside the US as the company did not have an export license.
The earlier, non-commercial version is still freely available.

This is most irritating as (like, I guess, most of the people who post
to this newsgroup) I am a mere ham (in a NATO country!) wishing to use
the software for private, non-commercial research and experimentation.

Any thoughts?

--
Hil, G4YNV

6. Re: Instant Track

Newsgroup: rec.radio.amateur.space
Date: 2000-01-01 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn86s0cg.8dc.nomail@linux.pe1chl.ampr.org>
Source record: 10690

Hamish Moffatt <hamish@rising.com.au> wrote:
>Carl R. Stevenson <wa6vse@fast.net> wrote:
>> If anyone has experience-based recomendations on either Win32
>> or Linux sat trcking programs, I'd appreciate a comment and a URL
>> to the download site.

>There's a few on linux. SatTrack is reasonable; the newer versions
>are commercial but the 3.x version is free for amateur use. Unfortunately
>it appears to be non-Y2K compliant, having tried to use it this morning.
>The source is available so I might try to fix it later.

Here is the only bug I found sofar. It seems to try hard at Y2K
compatability (essentially using the range 1950-2049) but there is
a routine that calcs the daynumber and starts from a vaguely-defined
year number (sometimes a 4-digit, sometimes a 2-digit value).

This patch makes it run again today. I hope (and believe) it also
works when year-00 keps are loaded.

Rob

```
diff -cr SatTrack-orig/src/sattrack/sattime.c SatTrack/src/sattrack/sattime.c
*** SatTrack-pe1chl/src/sattrack/sattime.c Sat Jan 4 22:19:08 1997
--- SatTrack/src/sattrack/sattime.c Sat Jan 1 14:19:51 2000
***************
*** 269,275 ****
if (gdnY < 50) /* allow 4 or 2 digit year specifications */
gdnY += 2000;
else
! if (gdnY < 100)
gdnY += 1900;

result = (long) ((((gdnY-1901)*1461) >> 2) + monthDays[gdnM-1] + gdnD+365);
--- 269,275 ----
if (gdnY < 50) /* allow 4 or 2 digit year specifications */
gdnY += 2000;
else
! if (gdnY < 200)
gdnY += 1900;

result = (long) ((((gdnY-1901)*1461) >> 2) + monthDays[gdnM-1] + gdnD+365);
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+
```

7. Re: Linux SatTrack

Newsgroup: rec.radio.amateur.space
Date: 2000-01-01 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn86s133.8dc.nomail@linux.pe1chl.ampr.org>
Source record: 10691

Hil <g4ynv@nospam.demon.co.uk> wrote:
>A nearby thread contained an article by Carl R. Stevenson
><wa6vse@fast.net> which said:

>> A nice tracking program for Linux exists: SatTrack. Unfortunately it
>> has gone commercial, and it seems to target professional users so it
>> is probably quite expensive. But you can always ask, it was written
>> by a radio amateur.

>Some while ago I contacted www.bester.com for pricing details of the
>current version of SatTrack, and was informed that it was not available
>to anyone outside the US as the company did not have an export license.
>The earlier, non-commercial version is still freely available.

>This is most irritating as (like, I guess, most of the people who post
>to this newsgroup) I am a mere ham (in a NATO country!) wishing to use
>the software for private, non-commercial research and experimentation.

>Any thoughts?

Apparently it has now so many features that it is considered a strategic
tool by the naive export-control authorities in the USA. You know, those
guys that will prevent US companies from exporting an encryption tool
on a floppy or a file on an Internet site, but have no problem with
exporting a book containing a program listing...

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

8. Re: Join the Space Program

Newsgroup: rec.radio.amateur.space
Date: 2000-01-01 00:00:00 UTC
From: csmolinski@erols.com
Message-ID: <csmolinski-ya02408000R0101001042070001@news.erols.com>
Source record: 10692

Spaceward Ho! is the name of a computer game that's been out for a good many years. Trademark infringement?

--
Check out Black Cat Systems for radio (pirate, spy numbers) and Mac software. http://www.blackcatsystems.com

The Numbers Racket - a CD-ROM of Spy Numbers stations, info available at http://www.blackcatsystems.com/numbers

9. Instant Track

Newsgroup: rec.radio.amateur.space
Date: 2000-01-01 00:00:00 UTC
From: Pat Cox <peacox@gloryroad.net>
Message-ID: <386E208B.64DB360E@gloryroad.net>
Source record: 10693

My 10 year old version of Instant Track rolled over last night at midnight GMT with no glitch or no problems whatsoever. I have downloaded the patch from AMSAT site but have not updated anything. If I have a problem with the software it will probably show up when I try to udate the element sets. I'll let everyone know. I also use Nova and Winorbit so I am not too concerned. By the way I use Instant Track on an old 486 machine that I leave on 24 hours a day and only reboot in case of a power failure. Pat K4AVO

10. Re: Instant Track

Newsgroup: rec.radio.amateur.space
Date: 2000-01-01 00:00:00 UTC
From: Jacques Chion <Jacques.Chion@wanadoo.fr>
Message-ID: <84lc6j$3i8$1@cwoux.cerise.fr>
Source record: 10694

L'estimable Rob Janssen ï¿½crivait :

```
> diff -cr SatTrack-orig/src/sattrack/sattime.c SatTrack/src/sattrack/sattime.c
> *** SatTrack-pe1chl/src/sattrack/sattime.c Sat Jan 4 22:19:08 1997
> --- SatTrack/src/sattrack/sattime.c Sat Jan 1 14:19:51 2000
> ***************
> *** 269,275 ****
> if (gdnY < 50) /* allow 4 or 2 digit year specifications */
> gdnY += 2000;
> else
> ! if (gdnY < 100)
> gdnY += 1900;
>
> result = (long) ((((gdnY-1901)*1461) >> 2) + monthDays[gdnM-1] + gdnD+365);
> --- 269,275 ----
> if (gdnY < 50) /* allow 4 or 2 digit year specifications */
> gdnY += 2000;
> else
> ! if (gdnY < 200)
> gdnY += 1900;
>
> result = (long) ((((gdnY-1901)*1461) >> 2) + monthDays[gdnM-1] + gdnD+365);
```

And it works !
Many thanks Rob and happy new year for you and yours.

--
Jacques.Chion@wanadoo.fr f6cwo

11. Tracking software for older PCs?

Newsgroup: rec.radio.amateur.space
Date: 2000-01-01 00:00:00 UTC
From: Marc Suttle <msuttle@charlotte.infi.net>
Message-ID: <386EA558.FFCA4BFF@charlotte.infi.net>
Source record: 10695

The only casualty I suffered when the calendar rolled over to 1/1/2000 was the much used and appreciated QuikTrak program. Following the discussion here and at AMSAT, I hold no hope for a fix. I have gone to STSPLUS (Version 9540) as an alternative and all seems OK so far. I use a pair of Compaq DeskPro 286e machines with math co-processors for my KAM, Universal M-1000 and satellite tracking needs. Any recommendations for the best non-windows tracking program?

Marc/N4VLQ

12. relatively cheap satellite antenna systems

Newsgroup: rec.radio.amateur.space
Date: 2000-01-01 00:00:00 UTC
From: Paul Lantz <plantz@onlink.net>
Message-ID: <84mfoe$97m$1@onlink3.onlink.net>
Source record: 10696

All I have done with satellites is work MIR on packet and work thru AO27
with an HT.
I would like to do a bit more but put off by thought of spending several
thousand dollars on AZ-EL rotator ($1500CDN with controller for Yaesu model)
and antennas.

What have other people done to start off without spending too much? By not
too much I wonder if anything useful can be done for $1000 or so.

One thought I had was to put up a tripod mast on a shed and install a tv
rotator with a small dual band antenna at a fixed elevation.

Thanks for your thoughts

73
Paul
VE3KBL

13. restructuring stuff

Newsgroup: rec.radio.amateur.space
Date: 2000-01-01 00:00:00 UTC
From: "William F. Hagen" <whagen@inreach.com>
Message-ID: <386ECD08.3569A5F3@inreach.com>
Source record: 10697

If we could just get nasa to lower the requirements to be an astronaut.
Hmmm...
--
Please remove the word 'NOREPLY' from the email address, sorry for the
inconvenience, but it helps keep down the spam.

14. Re: Tracking software for older PCs?

Newsgroup: rec.radio.amateur.space
Date: 2000-01-02 00:00:00 UTC
From: Tom@astro.net
Message-ID: <386eb2d8.119207265@news.idsi.net>
Source record: 10698

On Sat, 01 Jan 2000 20:09:44 -0500, Marc Suttle
<msuttle@charlotte.infi.net> wrote:

>The only casualty I suffered when the calendar rolled over to 1/1/2000
>was the much used and appreciated QuikTrak program. Following the
>discussion here and at AMSAT, I hold no hope for a fix. I have gone to
>STSPLUS (Version 9540) as an alternative and all seems OK so far. I use
>a pair of Compaq DeskPro 286e machines with math co-processors for my
>KAM, Universal M-1000 and satellite tracking needs. Any recommendations
>for the best non-windows tracking program?
>
>Marc/N4VLQ

STSplus has been my favorite for 8 years now. The most current
version, 9932 had no problem with the rollover to 2000. I run it in
Win98 with no problems either.

Tom

15. Re: Join the Space Program

Newsgroup: rec.radio.amateur.space
Date: 2000-01-02 00:00:00 UTC
From: stanb@citadel.metropolis
Message-ID: <slrn86sjbt.t00.stanb@citadel.metropolis.local>
Source record: 10749

On Sat, 01 Jan 2000 10:42:07 -0500,
Chris Smolinski <csmolinski@erols.com> wrote:

>Spaceward Ho! is the name of a computer game that's been out for a good
>many years. Trademark infringement?
>

I seem to remember an SF story of that name sometime in the fifties, so
who's infringeing who ;-)

--
Cheers,
Stan Barr stanb@dial.pipex.com

The future was never like this!

16. Re: relatively cheap satellite antenna systems

Newsgroup: rec.radio.amateur.space
Date: 2000-01-02 00:00:00 UTC
From: n2cqr@erols.com
Message-ID: <386f4af1.5438893@news.erols.com>
Source record: 10750

On Sat, 1 Jan 2000 22:13:14 -0500, "Paul Lantz" <plantz@onlink.net>
wrote:

>All I have done with satellites is work MIR on packet and work thru AO27
>with an HT.
>I would like to do a bit more but put off by thought of spending several
>thousand dollars on AZ-EL rotator ($1500CDN with controller for Yaesu model)
>and antennas.
>
>What have other people done to start off without spending too much? By not
>too much I wonder if anything useful can be done for $1000 or so.
>
>One thought I had was to put up a tripod mast on a shed and install a tv
>rotator with a small dual band antenna at a fixed elevation.
>
>Thanks for your thoughts
>
>73
>Paul
>VE3KBL
>
Paul: I have some info on a real low budget satellite antenna system
on my Web Site:
http://www.erols.com/wmeara

scrap lumber, refrigerator tubing, TV rotator, Ramseykit preamp.
Lots of fun. >
>
>
>
>

17. URL? Re: A new project for space science and comms in the UK

Newsgroup: rec.radio.amateur.space
Date: 2000-01-02 00:00:00 UTC
From: rmonagha@smu.edu
Message-ID: <84nm1n$t64$1@post.cis.smu.edu>
Source record: 10751

```
... and the URL of this site would be???
--
* Robert Monaghan POB752182 Dallas Tx 75275-2182 rmonagha@post.cis.smu.edu *
* Bronica 6x6 medium format: http://www.smu.edu/~rmonagha/bronica.html site *
* Medium Format Cameras: http://www.smu.edu/~rmonagha/mf/index.html megasite*
```

18. QUIK TRACK

Newsgroup: rec.radio.amateur.space
Date: 2000-01-02 00:00:00 UTC
From: "W.M.S.-WAØETL" <WA0ETL@ATT.NET>
Message-ID: <386F6077.BC7A717F@ATT.NET>
Source record: 10752

WOULD APPRECIATE AN UPGRADE FOR MY TRACKING PROGRAM QUIK TRACK WHEN AND IF IT BECOMES AVAILABLE. HAS ALWAYS BEEN NICE TO USE. THANK YOU W.M.S. - WAï¿½ETL

19. Re: relatively cheap satellite antenna systems

Newsgroup: rec.radio.amateur.space
Date: 2000-01-02 00:00:00 UTC
From: Ralph Mowery <rmowery@dialpoint.net>
Message-ID: <386F6B70.C0537863@dialpoint.net>
Source record: 10753

Right now there is only one sat up that should require tracking. Many
of the simple omnidirectional antennas should work for most of the ones
that are up now. If you can do the work yourself, then directiona
antennas can be used with seperate rotators. The Alliance rotators used
to be found for almost nothing used. You just have to track the sats
manually. YOu use one for the az and another for the el after a
modification to the mounting. That rotator will allow the mast to pass
through the housing.

If you use an AZ,EL rotator there is a program with an interface called
Fodtrack or Fodtrak that has a simple to build or around $ 100 to buy
interface. The program is free at AMSAT.ORG.

Paul Lantz wrote:
>
> All I have done with satellites is work MIR on packet and work thru AO27
> with an HT.
> I would like to do a bit more but put off by thought of spending several
> thousand dollars on AZ-EL rotator ($1500CDN with controller for Yaesu model)
> and antennas.
>
> What have other people done to start off without spending too much? By not
> too much I wonder if anything useful can be done for $1000 or so.
>
>

20. Help: AMSAT 2 Line Keps & Winorbit

Newsgroup: rec.radio.amateur.space
Date: 2000-01-02 00:00:00 UTC
From: Peter Hodgson <va3pkh@rac.ca>
Message-ID: <386F757A.BD2BD81E@rac.ca>
Source record: 10754

I am using Winorbit 3.5 and use the two line Amsat keps from
the AMSAT web site.
The set date December 24 would not load at all,
and the set date Dec 31 give me checksum error for every sat except
about 4.
Is this a Y2K (date) related problem, or an error in the Keps.

I am using a 486-100 with Windows 95.

73
Peter
VA3PKH.

21. Time Zone update for Instanttrak?

Newsgroup: rec.radio.amateur.space
Date: 2000-01-02 00:00:00 UTC
From: glueck@saturn.caps.maine.edu
Message-ID: <84nt0ahjb2@rupert.unet.maine.edu>
Source record: 10755

Can somebody tell me how to fix the timezone from PST to EST on my Instanttrak? By the way, the patch that was suggested to fix the gibberish at the bottom of the screen worked perfectly! Thanks!

22. Re: relatively cheap satellite antenna systems

Newsgroup: rec.radio.amateur.space
Date: 2000-01-02 00:00:00 UTC
From: "Lumpy (mobile)" <lumpy@digitalcartography.com>
Message-ID: <386F7C76.6E8A@digitalcartography.com>
Source record: 10756

Bill Meara wrote:

> ...I have some info on a real low budget satellite antenna system
> on my Web Site:
> http://www.erols.com/wmeara

Hola Bill -

I'm having trouble finding the info re satellites
on your page. Could you point to the specific page?

Gracias de Lumpy ab0gd
--
Temporary Duty Assignment
West Hartford, Connecticut

The Very Unofficial Colorado APRS Page
http://www.digitalcartography.com

23. Re: Help: AMSAT 2 Line Keps & Winorbit

Newsgroup: rec.radio.amateur.space
Date: 2000-01-02 00:00:00 UTC
From: The Ronneys <pronney@sprynet.com>
Message-ID: <84nv9dsai1@nntp3.atl.mindspring.net>
Source record: 10757

Hi Peter.

I use WinOrbit 3.5 and initially experienced a similar problem. I take it that you are new to WinOrbit. Is that so? Or, is this something that has worked fine for a while and then went bad?

What I initially experienced is that WinOrbit chokes on the formatting data when you clip your orbital elements from a HTML source and paste them directly into the file that WinOrbit updates from. Instead, I clip the elements and then (using Wordpad) do a "paste special" paste into the update file. The "paste special" will ask what type of paste to use and you should choose "unformatted text" or some such. Finally, save the file as a "Text document." The goal here is to have plain old ASCII without a bunch of formatting data with it. That's always worked fine for me.

As far as Y2K, I haven't gotten any elements with dates after 99365, so don't know if it'll swallow them or not but program still runs great after the new year.

73's,
Martin Ronney, WB6YMI

Peter Hodgson wrote in message <386F757A.BD2BD81E@rac.ca>...
>I am using Winorbit 3.5 and use the two line Amsat keps from
>the AMSAT web site.
>The set date December 24 would not load at all,
>and the set date Dec 31 give me checksum error for every sat except
>about 4.
>Is this a Y2K (date) related problem, or an error in the Keps.
>
>I am using a 486-100 with Windows 95.
>
>73
>Peter
>VA3PKH.
>

24. Re: URL? Re: A new project for space science and comms in the UK

Newsgroup: rec.radio.amateur.space
Date: 2000-01-02 00:00:00 UTC
From: Eavesdropper <ian@eavsdropper.dabsol.co.uk>
Message-ID: <owLb4.7857$L4.92299@wards>
Source record: 10758

it's at www.msscv.dabsol.co.uk

Robert Monaghan <rmonagha@smu.edu> wrote in message
news:84nm1n$t64$1@post.cis.smu.edu...
> ... and the URL of this site would be???
> --
> * Robert Monaghan POB752182 Dallas Tx 75275-2182 rmonagha@post.cis.smu.edu
*
> * Bronica 6x6 medium format: http://www.smu.edu/~rmonagha/bronica.html
site *
> * Medium Format Cameras: http://www.smu.edu/~rmonagha/mf/index.html
megasite*

25. Re: restructuring stuff

Newsgroup: rec.radio.amateur.space
Date: 2000-01-02 00:00:00 UTC
From: Felix <felix@risny.com>
Message-ID: <386fa35d@news.nais.com>
Source record: 10759

It's not so bad that they lowered the CW requirements, but i don't understand why they made the written test less questions? The written part has got to be the easiest thing already! Now they made it even Easier!

William F. Hagen <whagen@inreach.com> wrote in message news:386ECD08.3569A5F3@inreach.com...
> If we could just get nasa to lower the requirements to be an astronaut.
> Hmmm...
> --
> Please remove the word 'NOREPLY' from the email address, sorry for the
> inconvenience, but it helps keep down the spam.

26. Re: relatively cheap satellite antenna systems

Newsgroup: rec.radio.amateur.space
Date: 2000-01-02 00:00:00 UTC
From: Paul Lantz <plantz@onlink.net>
Message-ID: <84odba$b2u$1@onlink3.onlink.net>
Source record: 10760

I haved listening to ao27 thru a vertical dual band antenna but can only get faint signals when the satellite is almost above me, works much better with HT whip or arrow satellite antenna.

27. Re: restructuring stuff

Newsgroup: rec.radio.amateur.space
Date: 2000-01-02 00:00:00 UTC
From: Danice Kromer <kromer@hevanet.com>
Message-ID: <84or1p$d5d$1@glisan.hevanet.com>
Source record: 10761

So let me see if I have this straight. If you have a tech plus license and take the General written you will be give a general license at the change over???

"William F. Hagen" <whagen@inreach.com> wrote in message news:386ECD08.3569A5F3@inreach.com...
> If we could just get nasa to lower the requirements to be an astronaut.
> Hmmm...
> --
> Please remove the word 'NOREPLY' from the email address, sorry for the
> inconvenience, but it helps keep down the spam.

28. Re: restructuring stuff

Newsgroup: rec.radio.amateur.space
Date: 2000-01-02 00:00:00 UTC
From: "Carl R. Stevenson" <wa6vse@fast.net>
Message-ID: <s6vv3tgs5k257@corp.supernews.com>
Source record: 10762

```
-----BEGIN PGP SIGNED MESSAGE-----
Hash: SHA1

"Danice Kromer" <kromer@hevanet.com> wrote in message
news:84or1p$d5d$1@glisan.hevanet.com...
> So let me see if I have this straight. If you have a tech plus license and
> take the General written you will be give a general license at the change
> over???

Yes, if you have a Tech + you already have credit for 5 wpm
code, plus elements 2 and 3a ... if you take and pass 3b and
get a CSCE before April 15, you can go back to a VE session
after April 15 and present your valid Tech+ license and the
CSCE for element 3b and be upgraded to General.

It's all spelled out in the R&O ... available in Adobe .pdf
format at:

http://www.nocode.org/articles

check out the main page, too ... you might decide to join NCI :-)

73,
- --
Carl R. Stevenson - wa6vse
<mailto:wa6vse@fast/net>
<http://www.users.fast.net/~wa6vse>
- ------------------------------------------------------
NCI-1052
Director, No Code International
Fellow, The Radio Club of America
Senior Member, IEEE
Member, TAPR
Member, ARRL
- ------------------------------------------------------
Join No Code International! Hams for the 21st Century.
Help assure the survival and prosperity of ham radio.
<http://www.nocode.org>

-----BEGIN PGP SIGNATURE-----
Version: PGP for Personal Privacy 5.5.3

iQA/AwUBOG/8RZe+N6+q84HiEQJc8wCglZHnKlfamzR4nO7hwM7eYcoZY30AoK5N
utY4dkPTjygGPb18Qsardp3l
=Z9WC
-----END PGP SIGNATURE-----
```

29. FA ICOM 2M SSB, HP Clock, Kantronics TNC, SHIMPO Tachometer

Newsgroup: rec.radio.amateur.space
Date: 2000-01-02 00:00:00 UTC
From: Joe Leikhim <jleikhim@nettally.com>
Message-ID: <38700B3C.C51AC561@nettally.com>
Source record: 10763
Cross-posted to:
rec.radio.swap,rec.radio.amateur.space,rec.radio.amateur.equipment,rec.ham-radio.swap,sci.electronics.equipment

LQQK Here>>

http://cgi3.ebay.com/aw-cgi/eBayISAPI.dll?ViewListedItems&userid=jleikhim@nettally.com

Thanks for LQQKING
--
Joe Leikhim K4SAT
Jleikhim@nettally.com

"tv dinner by the pool,
i'm so glad i finished school" -F.Zappa 1967

"The Revolution will NOT be televised" -Gil Scott Heron

Dopeler effect: The tendency of stupid ideas to seem smarter when they
come
at you rapidly.

30. Re: Join the Space Program

Newsgroup: rec.radio.amateur.space
Date: 2000-01-02 00:00:00 UTC
From: Hamish Moffatt <hamish@rising.com.au>
Message-ID: <84m728fbv1@arachne.labyrinth.net.au>
Source record: 10764

Chris Smolinski <csmolinski@erols.com> wrote:
> Spaceward Ho! is the name of a computer game that's been out for a good
> many years. Trademark infringement?

Not necessarily -- only if used in the same market.

Hamish
--
Hamish Moffatt Mobile: +61 412 011 176 hamish@rising.com.au
Rising Software Australia Pty. Ltd. http://www.risingsoftware.com/
Phone: +61 3 9894 4788 Fax: +61 3 9894 3362 USA: 1 888 667 7839

31. Re: restructuring stuff

Newsgroup: rec.radio.amateur.space
Date: 2000-01-03 00:00:00 UTC
From: Tom@astro.net
Message-ID: <386fe8d2.12804637@news.idsi.net>
Source record: 10765

On Sun, 2 Jan 2000 14:13:18 -0500, "Felix" <felix@risny.com> wrote:

>It's not so bad that they lowered the CW requirements, but i don't
>understand why they made the written test less questions? The written part
>has got to be the easiest thing already! Now they made it even Easier!

Wrong, they'll be harder. As they should be.

Tom

>William F. Hagen <whagen@inreach.com> wrote in message
>news:386ECD08.3569A5F3@inreach.com...
>> If we could just get nasa to lower the requirements to be an astronaut.
>> Hmmm...
>> --
>> Please remove the word 'NOREPLY' from the email address, sorry for the
>> inconvenience, but it helps keep down the spam.
>
>

32. 18" TV dish for ham use??? HELP!

Newsgroup: rec.radio.amateur.space
Date: 2000-01-03 00:00:00 UTC
From: Jeff <jlrtech@monmouth.com>
Message-ID: <84pbe6$864$1@news.monmouth.com>
Source record: 10766

I have been on HF for many years, and was always interested in the GHz region of our spectrum. Recently, I found myself in posession of an 18" dish and associated LNB. Has anyone used these for Amateur purposes? Would be nice to be able to use the LNB, as it's already pretty well aligned with the dish.

Thanks in advance,

-Jeffrey
KB2MMR

33. Re: relatively cheap satellite antenna systems

Newsgroup: rec.radio.amateur.space
Date: 2000-01-03 00:00:00 UTC
From: NoFixxxer <NoFixxxer@XHotmail.com>
Message-ID: <XNWb4.34149$uj2.1005532@newscontent-01.sprint.ca>
Source record: 10767

I worked the Shuttle and Mir with a 13 element beam on just an Azimuth TV Rotor. Not the best way to work space, but worked GREAT for low horizon passes, I was getting the craft at Full tilt. One contact was done 1850 KM Away.

But, I agree, there is no real easy way to point in the sky and have it automatically tracked. Wish there was though.

Paul.
VA3HST

Paul Lantz <plantz@onlink.net> wrote in message news:84mfoe$97m$1@onlink3.onlink.net...
> All I have done with satellites is work MIR on packet and work thru AO27
> with an HT.
> I would like to do a bit more but put off by thought of spending several
> thousand dollars on AZ-EL rotator ($1500CDN with controller for Yaesu model)
> and antennas.
>
> What have other people done to start off without spending too much? By not
> too much I wonder if anything useful can be done for $1000 or so.
>
> One thought I had was to put up a tripod mast on a shed and install a tv
> rotator with a small dual band antenna at a fixed elevation.
>
> Thanks for your thoughts
>
> 73
> Paul
> VE3KBL
>
>
>
>
>
>

34. Psion S5 control program for PCR1000 Wanted

Newsgroup: rec.radio.amateur.space
Date: 2000-01-03 00:00:00 UTC
From: Paul Telco <paul@telco1.demon.co.uk>
Message-ID: <946899450.17360.0.nnrp-14.9e984783@news.demon.co.uk>
Source record: 10768

Hi,

Does anyone know of any Psion S5 software that can control an Icom
IC-PCR1000 receiver please?

I want to go mobile with my Weather Satellite Imagery setup and my S5 seems
the most portable solution without actually buying a new scanner.

Some time ago I wrote a simple program for the Psion S3a which is on my
website at www.telco1.demon.co.uk/psionpc.htm but you have to manually enter
all the channel details. Things like scanning, signal strength display and
bandscope are simply beyond my programming skills!

When I posted my prog to the website someone volunteered some S5 software
but I had a hard drive fail since then and don't heave the details.

Any help greatly appreciated,

Paul Telco
paul@telco1.demon.co.uk
www.telco1.demon.co.uk

N 51.7617
W 0.2110

35. Have dish/antenna: now what?

Newsgroup: rec.radio.amateur.space
Date: 2000-01-03 00:00:00 UTC
From: NS1Z/John <ns1z@arrl.net>
Message-ID: <dS2c4.3977$KY2.157252@pm02news>
Source record: 10769

I have a C/Ku TVRO (3m dish) system in perfect operating condition. Subscriptions expire in couple of weeks so now I want to gear up for P3-D. Looking for equipment suggestions (ie downconverters/upconverters, feeds etc). I have a Kenwood TS780 to use as an i.f. for the microwave bands and a Yaesu FT-847 for the other modes.

Anyone else gone this TVRO route with success? I plan to modify the mount to eliminate the arc tracking and install full AZ/EL control. Anyone with experience and/or suggestions to accomplish this?

I suspect this will become more popular as launch becomes imminent. These 3m dishes are plentiful, at least around here. Ideas, comments?

Sorry, I don't find any reason to complain about recent government bureau actions regarding Amateur Radio rules and regs. Just interested in getting on with some new equipment. Thanks!

36. PENIS ENLARGEMENT..FREE INFO..NATURAL 5171

Newsgroup: rec.radio.amateur.space
Date: 2000-01-03 00:00:00 UTC
From: Hil <g4ynv@nospam.demon.co.uk>
Message-ID: <dHgWaCAgvOc4Ew6M@newearth.demon.co.uk>
Source record: 10770

In article <EX4b4.997$FY3.1342@ozemail.com.au>, aretm
<aretm@ozemail.com.au> writes
>Or if it is erected and pointed in the right direction you may be able to
>send a clearer signal.
>
>"KE6NVV" <ke6nvv@mcn.net> wrote in message news:385D9B2D.4255@mcn.net...
>> Seems to me that if you increase the size of your element, you will
>> decrease your frequency.

But be careful of parasitic elements...

--
Hil Snaden, G4YNV mailto: g4ynv@newearth.demon.co.uk

37. Re: Tracking software for older PCs?

Newsgroup: rec.radio.amateur.space
Date: 2000-01-03 00:00:00 UTC
From: Hil <g4ynv@nospam.demon.co.uk>
Message-ID: <LnLTiEAO4Oc4EwbB@newearth.demon.co.uk>
Source record: 10771

In article <386eb2d8.119207265@news.idsi.net>, Tom@astro.net writes
>I use
>>a pair of Compaq DeskPro 286e machines with math co-processors for my
>>KAM, Universal M-1000 and satellite tracking needs. Any recommendations
>>for the best non-windows tracking program?
>>
>>Marc/N4VLQ
>
> STSplus has been my favorite for 8 years now. The most current
>version, 9932 had no problem with the rollover to 2000. I run it in
>Win98 with no problems either.
>
>Tom

Traksat 3.1 is also OK. In fact, the only y2k bug I found was in a
qbasic program I wrote to produce chronological schedules from Traksat's
output files. :|

--
Hil Snaden, G4YNV mailto: g4ynv@newearth.demon.co.uk

38. Re: Have dish/antenna: now what?

Newsgroup: rec.radio.amateur.space
Date: 2000-01-03 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn871og7.111.nomail@linux.pe1chl.ampr.org>
Source record: 10772

NS1Z/John <ns1z@arrl.net> wrote:
>I have a C/Ku TVRO (3m dish) system in perfect operating condition.
>Subscriptions expire in couple of weeks so now I want to gear up for P3-D.
>Looking for equipment suggestions (ie downconverters/upconverters, feeds
>etc). I have a Kenwood TS780 to use as an i.f. for the microwave bands and a
>Yaesu FT-847 for the other modes.

>Anyone else gone this TVRO route with success? I plan to modify the mount to
>eliminate the arc tracking and install full AZ/EL control. Anyone with
>experience and/or suggestions to accomplish this?

>I suspect this will become more popular as launch becomes imminent. These 3m
>dishes are plentiful, at least around here. Ideas, comments?

When it is true what the P3D designers claim (usually the predictions
are optimistic by at least 10dB, not because of miscalculation of course
but because of alligator AGC effects), that dish will be way overkill
to work P3D.

Note that on the lower bands (2M, 70cm) you can do better with a yagi
or yagi array (certainly when considering the trouble of az/el mounting
such a dish), and on the higher bands you don't need that big a dish
to work P3D and you will have the disadvantage of having to track very
precisely to keep the satellite in the narrow beam...

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

39. bonne ann&#65533;e 2000

Newsgroup: rec.radio.amateur.space
Date: 2000-01-03 00:00:00 UTC
From: Dominique Sophrone <Dominique.Sophrone@wanadoo.fr>
Message-ID: <84r22l$214$2@wanadoo.fr>
Source record: 10773

je vous souhaite une bonne ann&#65533;e 2000
Dominique

40. Re: Have dish/antenna: now what?

Newsgroup: rec.radio.amateur.space
Date: 2000-01-03 00:00:00 UTC
From: timp@kf4fco.com
Message-ID: <84rcju$2u4$1@server.cntfl.com>
Source record: 10774

Would be great for EME!!
still have to a lot of mods to the mount and feedhorn

41. Re: FA ICOM 2M SSB, HP Clock, Kantronics TNC, SHIMPO Tachometer

Newsgroup: rec.radio.amateur.space
Date: 2000-01-03 00:00:00 UTC
From: Joe Leikhim <jleikhim@nettally.com>
Message-ID: <38714F78.56693CD@nettally.com>
Source record: 10775
Cross-posted to:
rec.radio.swap,rec.radio.amateur.space,rec.radio.amateur.equipment,rec.ham-radio.swap,sci.electronics.equipment

> LQQK Here>>
>
> http://cgi3.ebay.com/aw-cgi/eBayISAPI.dll?ViewListedItems&userid=jleikhim@nettally.com
>
> Thanks for LQQKING

--
Joe Leikhim K4SAT
Jleikhim@nettally.com

"tv dinner by the pool,
i'm so glad i finished school" -F.Zappa 1967

"The Revolution will NOT be televised" -Gil Scott Heron

Dopeler effect: The tendency of stupid ideas to seem smarter when they come
at you rapidly.

42. Re: A message from the FCC.

Newsgroup: rec.radio.amateur.space
Date: 2000-01-04 00:00:00 UTC
From: qrm2000@aol.com
Message-ID: <20000104063046.21624.00000322@ng-fb1.aol.com>
Source record: 10776
Cross-posted to:
rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave,rec.radio.cb

Let me see if I got this correct......

The sender wants me to open a file.

The sender is unknown to me, and clearly indicates in his address that he is "bogus".

The sender does not allow incoming e-mail.

Should I do it? Naw.....think I'll pass. Old "Charlie" may have a STD........

Besides, anyone from "bogus.net" probably has very little accurate information about the FCC.

43. Re: A message from the FCC.

Newsgroup: rec.radio.amateur.space
Date: 2000-01-04 00:00:00 UTC
From: phatmike@NOSPAMusa.net
Message-ID: <3871dc02.9886095@news.ne.mediaone.net>
Source record: 10777
Cross-posted to:
rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave,rec.radio.cb

to his credit, it is just a jpg. you cant get a virus from a jpg.

the attachment is a semi-humorus picture of a man with his head up his
arse, so you're not missing much either way :)

On 04 Jan 2000 11:30:46 GMT, qrm2000@aol.com (Qrm2000) wrote:

>Let me see if I got this correct......
>
>The sender wants me to open a file.
>
>The sender is unknown to me, and clearly indicates in his address that he is
>"bogus".
>
>The sender does not allow incoming e-mail.
>
>Should I do it? Naw.....think I'll pass. Old "Charlie" may have a
>STD........
>
>Besides, anyone from "bogus.net" probably has very little accurate information
>about the FCC.
>
>

44. Re: Have dish/antenna: now what?

Newsgroup: rec.radio.amateur.space
Date: 2000-01-04 00:00:00 UTC
From: NS1Z/John <ns1z@arrl.net>
Message-ID: <bXmc4.4118$KY2.178511@pm02news>
Source record: 10778

Rob Janssen wrote in message ...
>but because of alligator AGC effects), that dish will be way overkill
>to work P3D.

You may be assuming that I will be running a 50-100 watt transmitter on the microwave bands but that will not be the case. There are a couple of ways to generate EIRP: you can build/buy an amplifier or use gain antennas. Some that we have all heard use both methods, to the detriment of us all ....

The transverters/projects I have viewed produce power in the mW range. My current dish is a cheap alternative to purchasing/building an amp. Mostly, I am interested in the results from those who have attempted what I am considering. How did you set up the feed system, drive systems, position readouts etc.

>Note that on the lower bands (2M, 70cm) you can do better with a yagi

Hmmmm??! It hadn't occurred to me to try to use 2/.7m on the dish. I have an adequate array for that now, but it is an interesting project idea. Others may be interested in more details from you.

>to work P3D and you will have the disadvantage of having to track very
>precisely to keep the satellite in the narrow beam...

OK, I think here is the problem. I was under the mistaken impression that P3-D was going to be similar to AO-13 where it was essentially parked in the sky for relatively long periods of time. Even an obit such as AO-10 now follows would be no problem for the dish control setup I have envisioned.

What transverters, circuits are folks using or going to use.
Recommendations? I failed to take advantage of the Drake equipment project when it went around so I fear I must now go another route..

45. PC-Track 3.1

Newsgroup: rec.radio.amateur.space
Date: 2000-01-04 00:00:00 UTC
From: bill keating <keating@somtel.com>
Message-ID: <84t4rg$qn4$1@ruby.mint.net>
Source record: 10779

My PC-Track 3.1 will not load TLE's properly after year 1999. Is there a fix, or do I have to switch to STS Plus 9932 or similar program? Thanks.
Bill WT1K

46. Re: Help: AMSAT 2 Line Keps & Winorbit

Newsgroup: rec.radio.amateur.space
Date: 2000-01-04 00:00:00 UTC
From: Peter Hodgson <va3pkh@rac.ca>
Message-ID: <38723F06.2F615DE4@rac.ca>
Source record: 10780

Hi
I have been using Winorbit for about two years with the AMSAT keps
the December 24 & 31 1999 sets were the first to give me trouble.
I downloaded them as text from AMSAT.
After receiving you letter I downloaded again, imported into MS Works 5 saved
as text and reimported to Winorbit. They worked fine, so thanks for the help.
73
Peter
VA3PKH
The Ronneys wrote:

> Hi Peter.
>
> I use WinOrbit 3.5 and initially experienced a similar problem. I take
> it that you are new to WinOrbit. Is that so? Or, is this something that
> has worked fine for a while and then went bad?
>
> What I initially experienced is that WinOrbit chokes on the formatting
> data when you clip your orbital elements from a HTML source and paste them
> directly into the file that WinOrbit updates from. Instead, I clip the
> elements and then (using Wordpad) do a "paste special" paste into the update
> file. The "paste special" will ask what type of paste to use and you should
> choose "unformatted text" or some such. Finally, save the file as a "Text
> document." The goal here is to have plain old ASCII without a bunch of
> formatting data with it. That's always worked fine for me.
>
> As far as Y2K, I haven't gotten any elements with dates after 99365, so
> don't know if it'll swallow them or not but program still runs great after
> the new year.
>
> 73's,
> Martin Ronney, WB6YMI
>
> Peter Hodgson wrote in message <386F757A.BD2BD81E@rac.ca>...
> >I am using Winorbit 3.5 and use the two line Amsat keps from
> >the AMSAT web site.
> >The set date December 24 would not load at all,
> >and the set date Dec 31 give me checksum error for every sat except
> >about 4.
> >Is this a Y2K (date) related problem, or an error in the Keps.
> >
> >I am using a 486-100 with Windows 95.
> >
> >73

> >Peter
> >VA3PKH.
> >

47. Re: A message from the FCC. - cber.jpg (0/1)

Newsgroup: rec.radio.amateur.space
Date: 2000-01-04 00:00:00 UTC
From: Uncle Charlie <Charlie@bogus.net>
Message-ID: <bgn47s8uoabbvvvquqlpket3eet3jgvgi0@4ax.com>
Source record: 10781
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

On Tue, 04 Jan 2000 06:38:25 GMT, Charlie@bogus.net (Uncle Charlie)
wrote:

>Sorry all you Extra Class hams. You didn't think they would let us keep
>our spectrum pure forever, did you?
>
>Uncle Charlie

48. Re: bonne année 2000

Newsgroup: rec.radio.amateur.space
Date: 2000-01-04 00:00:00 UTC
From: Sylvain POURRE <spourre@wanadoo.fr>
Message-ID: <387269DD.F51D34EF@wanadoo.fr>
Source record: 10782

Dominique Sophrone wrote:
>
> je vous souhaite une bonne annï¿½e 2000
> Dominique

Hi Dominique
Happy new year

F/DA4MYZ

49. Re: A message from the FCC.

Newsgroup: rec.radio.amateur.space
Date: 2000-01-04 00:00:00 UTC
From: Toll Free <tollfree@bigradios.com>
Message-ID: <Nbvc4.198$jE1.1801@insync>
Source record: 10783
Cross-posted to:
rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave,rec.radio.cb

That isn't totally true.

It has been proven that you can put a graphic with a link in an email, and
have it go to any url that you want.

At that point, you can load any HTML or DHTML and have it execute arbitrary
code on the users machine.

Toll Free

phat mike <phatmike@NOSPAMusa.net> wrote in message
news:3871dc02.9886095@news.ne.mediaone.net...
> to his credit, it is just a jpg. you cant get a virus from a jpg.
>
> the attachment is a semi-humorus picture of a man with his head up his
> arse, so you're not missing much either way :)
>
>
> On 04 Jan 2000 11:30:46 GMT, qrm2000@aol.com (Qrm2000) wrote:
>
> >Let me see if I got this correct......
> >
> >The sender wants me to open a file.
> >
> >The sender is unknown to me, and clearly indicates in his address that he
is
> >"bogus".
> >
> >The sender does not allow incoming e-mail.
> >
> >Should I do it? Naw.....think I'll pass. Old "Charlie" may have a
> >STD........
> >
> >Besides, anyone from "bogus.net" probably has very little accurate
information
> >about the FCC.
> >
> >
>

50. Re: A message from the FCC.

Newsgroup: rec.radio.amateur.space
Date: 2000-01-04 00:00:00 UTC
From: phatmike@NOSPAMusa.net
Message-ID: <387282c5.4327001@news.ne.mediaone.net>
Source record: 10784
Cross-posted to:
rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave,rec.radio.cb

this was an actual jpg attachment.. not a link to something else.

if thats what you mean...

On Tue, 4 Jan 2000 17:16:39 -0600, "Toll Free"
<tollfree@bigradios.com> wrote:

>That isn't totally true.
>
>It has been proven that you can put a graphic with a link in an email, and
>have it go to any url that you want.
>
>At that point, you can load any HTML or DHTML and have it execute arbitrary
>code on the users machine.
>
>
>
>
>Toll Free
>

51. Re: A message from the FCC.

Newsgroup: rec.radio.amateur.space
Date: 2000-01-04 00:00:00 UTC
From: chuck@nospam.la-radio.com
Message-ID: <387583c8.90792356@news.earthlink.net>
Source record: 10785
Cross-posted to:
rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave,rec.radio.cb

```
Well that's too bad for you. It was kinda funny.

On 04 Jan 2000 11:30:46 GMT, qrm2000@aol.com (Qrm2000) wrote:

>Should I do it? Naw.....think I'll pass. Old "Charlie" may have a
>STD........
```

52. Re: Linux SatTrack

Newsgroup: rec.radio.amateur.space
Date: 2000-01-04 00:00:00 UTC
From: David A Johnson <webmaster@badgersoft.com>
Message-ID: <Atvc4.172$3m1.5450@news3.cableinet.net>
Source record: 10786

Hi,

You can still download it from ftp.amsat.org but its the 3.05 version.

It's ok on linux 2.0.x but is a bit fiddly to compile on 2.2.x because a
a static variable name has changed in the ioctl library.

Dave
G4DPZ
www.badgersoft.com

Rob Janssen <nomail@rob.knoware.nl> wrote in message
news:slrn86s133.8dc.nomail@linux.pe1chl.ampr.org...
> Hil <g4ynv@nospam.demon.co.uk> wrote:
> >A nearby thread contained an article by Carl R. Stevenson
> ><wa6vse@fast.net> which said:
>
> >> A nice tracking program for Linux exists: SatTrack. Unfortunately it
> >> has gone commercial, and it seems to target professional users so it
> >> is probably quite expensive. But you can always ask, it was written
> >> by a radio amateur.
>
> >Some while ago I contacted www.bester.com for pricing details of the
> >current version of SatTrack, and was informed that it was not available
> >to anyone outside the US as the company did not have an export license.
> >The earlier, non-commercial version is still freely available.
>
> >This is most irritating as (like, I guess, most of the people who post
> >to this newsgroup) I am a mere ham (in a NATO country!) wishing to use
> >the software for private, non-commercial research and experimentation.
>
> >Any thoughts?
>
> Apparently it has now so many features that it is considered a strategic
> tool by the naive export-control authorities in the USA. You know, those
> guys that will prevent US companies from exporting an encryption tool
> on a floppy or a file on an Internet site, but have no problem with
> exporting a book containing a program listing...
>
> Rob
> --
>
+----------------------------------+--------------------------------------+
> | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob
|

```
> | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU
|
>
+----------------------------------+--------------------------------------+
```

53. Re: relatively cheap satellite antenna systems

Newsgroup: rec.radio.amateur.space
Date: 2000-01-04 00:00:00 UTC
From: Pat Cox <peacox@gloryroad.net>
Message-ID: <3872A4F0.848F7D0@gloryroad.net>
Source record: 10787

Paul: I found a Cushcraft two meter Turnstile antenna on eBay for $70 dollars, also a Icom 271A on eBay, and used my old Icom 740 (HF) to work 28 states, Canada and Mexico since Labor Day. With my Icom 471A I have worked SO-35 on the uplink using a 440 Ringo Ranger and listened on the Icom 271A with turnstile on the downlink. I have also been using the 471A for AO-10 uplink and 271A and turnstile on the downlink. I have not had any success with FO-29 and FO-20 but it is just a matter of time. By the way, I have the old Cushcraft AOP-1 mounted on a ten foot pole in the yard with no rotor yet and turn it using the "armstrong" method. The AOP-1, by the way, is a two meter and 435 antenna combination on a short boom made for satellite work. With the AOP-1 I have uplinked to SO-35 and AO-27 using an Icom 2SAT on transmit and Icom R1 on the receive. I am picking up things as I go to upgrade the antennas such as mast mount preamps, better coax, and looking for the fancy rotor but am in no hurry. I am having too much fun working the birds on my shoe string station. By the way, I have worked 300 DXCC countries on HF but none of it compares to any of my satellites contacts. Look for me or listen on RS-13 downlink (29.475 mhz) I try to make most day light passes. Hope this helps. Pat, K4AVO

Paul Lantz wrote:

> All I have done with satellites is work MIR on packet and work thru AO27
> with an HT.
> I would like to do a bit more but put off by thought of spending several
> thousand dollars on AZ-EL rotator ($1500CDN with controller for Yaesu model)
> and antennas.
>
> What have other people done to start off without spending too much? By not
> too much I wonder if anything useful can be done for $1000 or so.
>
> One thought I had was to put up a tripod mast on a shed and install a tv
> rotator with a small dual band antenna at a fixed elevation.
>
> Thanks for your thoughts
>
> 73
> Paul
> VE3KBL

54. Re: PC-Track 3.1

Newsgroup: rec.radio.amateur.space
Date: 2000-01-05 00:00:00 UTC
From: Lawrence Harris <lawrence@peverell.Greatxscape.net>
Message-ID: <p9e77sc01qgdffacdfb3p9i34sq9btdk3g@4ax.com>
Source record: 10599

On Tue, 4 Jan 2000 09:53:40 -0500, "bill keating" <keating@somtel.com> wrote:

>My PC-Track 3.1 will not load TLE's properly after year 1999. Is there a
>fix, or do I have to switch to STS Plus 9932 or similar program? Thanks.
>Bill WT1K
>

Hi Bill

PC-Track is one of a few programs that appears non-Y2K compliant. I have never managed to trace the author of this very good program. I think you will have to transfer yourself to another one. I recommend the freeware program by David Taylor:
http://www.davidtaylor.freeserve.co.uk/software/wxsat/satsignal.htm

the link to wxtrack is the one you want.

best wishes

Lawrence Harris

55. Re: Linux SatTrack

Newsgroup: rec.radio.amateur.space
Date: 2000-01-05 00:00:00 UTC
From: Hil Snaden <g4ynv@newearth.demon.co.uk>
Message-ID: <BiuBzFAZy7c4EwLS@newearth.demon.co.uk>
Source record: 10600

Laura Halliday VA3LDH wrote
>> Hi,
>>
>> You can still download it from ftp.amsat.org but its the 3.05 version.
>>
>> It's ok on linux 2.0.x but is a bit fiddly to compile on 2.2.x
>because a
>> a static variable name has changed in the ioctl library.
>
>Have you tried running it since the weekend? Mine died with
>garbage results from the Julian date calculations...

I found the variable name bug and compiled it OK on an earlier system,
but it wouldn't accept any new elements, and I never found why it kept
getting the checksum wrong. If it has a date bug as well, I probably
won't bother again. :)

The restrictions on the new SatTrack are especially bizarre because any
non-US organisation with the resources to successfully design, build and
launch satellites (who are presumably the intended target of the
restrictions) are unlikely to be deterred by not being able to buy
SatTrack. >:|

Rob Janssen wrote:

>Apparently it has now so many features that it is considered a
>strategic tool by the naive export-control authorities in the USA. You
>know, those guys that will prevent US companies from exporting an
>encryption tool on a floppy or a file on an Internet site, but have no
>problem with exporting a book containing a program listing...

I wonder if this means I can buy a book containing the source code? :)

--
Hil Snaden, G4YNV mailto: g4ynv@newearth.demon.co.uk

56. AMSAT Journal

Newsgroup: rec.radio.amateur.space
Date: 2000-01-05 00:00:00 UTC
From: Pat Cox <peacox@gloryroad.net>
Message-ID: <3873C4B3.27F4EB0C@gloryroad.net>
Source record: 10601

Still looking for back issues of AMSAT Journal. Pat, K4AVO

57. Re: Linux SatTrack

Newsgroup: rec.radio.amateur.space
Date: 2000-01-05 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn877h1n.226.nomail@linux.pe1chl.ampr.org>
Source record: 10602

Hil Snaden <g4ynv@newearth.demon.co.uk> wrote:
>Laura Halliday VA3LDH wrote
>>> Hi,

>>> You can still download it from ftp.amsat.org but its the 3.05 version.

>>> It's ok on linux 2.0.x but is a bit fiddly to compile on 2.2.x
>>because a
>>> a static variable name has changed in the ioctl library.

>>Have you tried running it since the weekend? Mine died with
>>garbage results from the Julian date calculations...

>I found the variable name bug and compiled it OK on an earlier system,
>but it wouldn't accept any new elements, and I never found why it kept
>getting the checksum wrong. If it has a date bug as well, I probably
>won't bother again. :)

I must say I have never seen such difficult problems with SatTrack.
I have been using it from about 1994 and I recently fixed the 3.1.6
version for Y2K with only a single change. Checksum problems are unknown
to me, I get the elements from celestrak.

>The restrictions on the new SatTrack are especially bizarre because any
>non-US organisation with the resources to successfully design, build and
>launch satellites (who are presumably the intended target of the
>restrictions) are unlikely to be deterred by not being able to buy
>SatTrack. >:|

The restrictions are bizarre, period.
I find it especially amusing how they seem to assume that the are the
only ones that can develop things, and that some of their enemies are
unable to do so and can be prevented by hiding any software from them...

>>Apparently it has now so many features that it is considered a
>>strategic tool by the naive export-control authorities in the USA. You
>>know, those guys that will prevent US companies from exporting an
>>encryption tool on a floppy or a file on an Internet site, but have no
>>problem with exporting a book containing a program listing...

>I wonder if this means I can buy a book containing the source code? :)

Yes, you can. When bester publishes a book with the source code, they
can export that and you can buy and type it into your computer without
problems with export laws.

A certain encryption program was exported from the US into the free world
using this method.

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

58. Re: Instant Track

Newsgroup: rec.radio.amateur.space
Date: 2000-01-05 00:00:00 UTC
From: "Carl R. Stevenson" <wa6vse@fast.net>
Message-ID: <s77m07i7e754@corp.supernews.com>
Source record: 10603

```
-----BEGIN PGP SIGNED MESSAGE-----
Hash: SHA1

"R.L. Tannehill, P.E." <rickw7rt@mail.firstinter.net> wrote in message
news:38739561.44C1@mail.firstinter.net...
>
> Carl, there's a fix/patch already on the AMSAT web site for the problem
> you describe. I used it on my Pentium 350 at home and 400 at work, and
> it works just fine. I understand that the v1.5 for y2k is still in the
> works. Any time now?
>
> Rick T.
> W7RT
>

The patch for trashed text in the map screens does NOT work on my
systems, which use the S3 VIRGE video chipset.

73,

- --
Carl R. Stevenson - wa6vse
<mailto:wa6vse@fast/net>
<http://www.users.fast.net/~wa6vse>
- ------------------------------------------------------
NCI-1052
Director, No Code International
Fellow, The Radio Club of America
Senior Member, IEEE
Member, TAPR
Member, ARRL
- ------------------------------------------------------
Join No Code International! Hams for the 21st Century.
Help assure the survival and prosperity of ham radio.
<http://www.nocode.org>

-----BEGIN PGP SIGNATURE-----
Version: PGP for Personal Privacy 5.5.3

iQA/AwUBOHPXwpe+N6+q84HiEQLB8wCg0lh06u9t19dgZPdQRMinVjzZmUoAn2FC
zv0VgwMR8d+NpncDFvLA8Nwa
=IbJN
-----END PGP SIGNATURE-----
```

59. Re: Amateur Restructuring - CALL SIGNS !!!!! - Great Idea!

Newsgroup: rec.radio.amateur.space
Date: 2000-01-05 00:00:00 UTC
From: W6RCecilA <Cecil.A.Moore@IEEE.org>
Message-ID: <3873E6E8.5DBECC0B@IEEE.org>
Source record: 10604
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

```
Vince Fiscus, KB7ADL wrote:
> This will work out OK because the
> restructured hams won't be much smarter than your typical CBer anyway.

Sorta like the present extras who don't know Ohm's law?
--
73, Cecil, W6RCA http://www.mindspring.com/~w6rca
```

60. Re: FA IC275H ICOM 2M SSB, HP Digital Clock, SHIMPO Tach/counter

Newsgroup: rec.radio.amateur.space
Date: 2000-01-05 00:00:00 UTC
From: "calvinf15@prodigy.net" <calvinf15@prodigy.net>
Message-ID: <38742E43.30E0@prodigy.net>
Source record: 10605
Cross-posted to:
rec.radio.swap,rec.radio.amateur.space,rec.radio.amateur.equipment,rec.ham-radio.swap,sci.electronics.equipment

Joe

Could you post this ad 6 or 7 more times please? Most of us didn't get
it the first 12 times. Thanks

Calvin

Joe Leikhim wrote:
>
> LQQK Here>>
>
> http://cgi3.ebay.com/aw-cgi/eBayISAPI.dll?ViewListedItems&userid=jleikhim@nettally.com
>
> Thanks for LQQKING
>
> --
> Joe Leikhim K4SAT
> Jleikhim@nettally.com
>
> "tv dinner by the pool,
> i'm so glad i finished school" -F.Zappa 1967
>
> "The Revolution will NOT be televised" -Gil Scott Heron
>
> Dopeler effect: The tendency of stupid ideas to seem smarter when
> they come
> at you rapidly.
>

61. International Press Conference

Newsgroup: rec.radio.amateur.space
Date: 2000-01-05 00:00:00 UTC
From: tr@press-conference.NET
Message-ID: <200001050344.TAA02311@mailbox3.ucsd.edu>
Source record: 10788

Hello

As you are a recognized media professional, you have been registered with the International Press Conference.

Should you wish to modify your categories, simply click on the following link to do so : http://www.press-conference.net/journalists/

If you wish to promote your work, a book you have written, a service you provide, or something of that nature, submit to contact@press-conference.net an informative, business related article and include a short resume and hyperlinks to you web site or e-mail address.

TO UNSUBSCRIBE :
If at any time you wish to unsubscribe, simply send us an empty e-mail message to remove-pressconference@addsites.com

Salutations from press-conference.net

62. FA IC275H ICOM 2M SSB, HP Digital Clock, SHIMPO Tach/counter

Newsgroup: rec.radio.amateur.space
Date: 2000-01-05 00:00:00 UTC
From: Joe Leikhim <jleikhim@nettally.com>
Message-ID: <3872D63A.B20A5C66@nettally.com>
Source record: 10789
Cross-posted to:
rec.radio.swap,rec.radio.amateur.space,rec.radio.amateur.equipment,rec.ham-radio.swap,sci.electronics.equipment

> LQQK Here>>
>
> http://cgi3.ebay.com/aw-cgi/eBayISAPI.dll?ViewListedItems&userid=jleikhim@nettally.com
>
> Thanks for LQQKING

--
Joe Leikhim K4SAT
Jleikhim@nettally.com

"tv dinner by the pool,
i'm so glad i finished school" -F.Zappa 1967

"The Revolution will NOT be televised" -Gil Scott Heron

Dopeler effect: The tendency of stupid ideas to seem smarter when they come
at you rapidly.

63. Re: Have dish/antenna: now what?

Newsgroup: rec.radio.amateur.space
Date: 2000-01-05 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn876824.hss.nomail@linux.pe1chl.ampr.org>
Source record: 10790

NS1Z/John <ns1z@arrl.net> wrote:
>Rob Janssen wrote in message ...
>>but because of alligator AGC effects), that dish will be way overkill
>>to work P3D.
>
>You may be assuming that I will be running a 50-100 watt transmitter on
>the
>microwave bands but that will not be the case. There are a couple of ways
>to
>generate EIRP: you can build/buy an amplifier or use gain antennas. Some
>that we have all heard use both methods, to the detriment of us all ....

A few times I have seen calculations about the EIRP that one would need
to access the next satellite that AMSAT (or someone else) had constructed
and that was to be launched. Often that EIRP was indeed sufficient
shortly after launch, but one AGC time constant later it fell short by
at least 10dB.

However, to generate the theoretically required EIRP one usually would not
need 50-100 watts of HF, not even with a smaller antenna.

>>Note that on the lower bands (2M, 70cm) you can do better with a yagi
>
>Hmmmm??! It hadn't occurred to me to try to use 2/.7m on the dish. I have
>an
>adequate array for that now, but it is an interesting project idea. Others
>may be interested in more details from you.

I don't understand what you mean here. I wanted to say it will be more
attractive to use a yagi. But of course you can use a dish, just put a
small (crossed) yagi or helix in front of it as a feed.

I have seen a demo by ON6UG a couple of years ago of a system setup that
way. Maybe you can locate pictures in some AMSAT publication.
He used 2-el yagis and helices with a dish of some 2 metres.

>>to work P3D and you will have the disadvantage of having to track very
>>precisely to keep the satellite in the narrow beam...
>
>OK, I think here is the problem. I was under the mistaken impression that
>P3-D was going to be similar to AO-13 where it was essentially parked in
>the
>sky for relatively long periods of time. Even an obit such as AO-10 now
>follows would be no problem for the dish control setup I have envisioned.

The orbit of P3D is such that it will not move much for extended periods
of time, but only as compared to LEO sats. I don't think it will be
stationary enough to keep it within the beam of a 3M dish on SHF bands
for very long. But perhaps you should just put some of the demo keplerian
elements in a tracking program, and see for yourself if it meets your
requirements.

>What transverters, circuits are folks using or going to use.
>Recommendations? I failed to take advantage of the Drake equipment project
>when it went around so I fear I must now go another route..

The difficult problem is that we first have to wait and see what kind
of transponder setups are going to be used apart from the old 2/70/23
standards for which many stations have equipment. 23up/13down could be
very attractive, as on 23 there is still some commercial transmitter
equipment and a receive converter is easier and cheaper to build than
a transmitter. Also, on 23 it is easy to make 10W. 13cm downlinks have
been tested on earlier sats, and the users were always reacting very
enthousiastic. If I remember well, the P3D powerbudget is such that
you can operate in this mode with only a small (say 60cm) dish, e.g.
as used for Ku-band Sat-TV.

Rob

--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

64. Re: Linux SatTrack

Newsgroup: rec.radio.amateur.space
Date: 2000-01-05 00:00:00 UTC
From: marsgal42@hotmail.com
Message-ID: <84vt4c$4b1$1@nnrp1.deja.com>
Source record: 10791

In article <Atvc4.172$3m1.5450@news3.cableinet.net>,
"David A Johnson" <webmaster@badgersoft.com> wrote:
> Hi,
>
> You can still download it from ftp.amsat.org but its the 3.05 version.
>
> It's ok on linux 2.0.x but is a bit fiddly to compile on 2.2.x
because a
> a static variable name has changed in the ioctl library.

Have you tried running it since the weekend? Mine died with
garbage results from the Julian date calculations...
--
Laura Halliday VA3LDH "Que les nuages soient notre pied
Grid: FN03gs a terre..." - Hospital/Shafte
Satellite: VA3SFL on AO-16, UO-22, KO-23, KO-25

Sent via Deja.com http://www.deja.com/
Before you buy.

65. P3-D gear (was Re: Have dish/antenna: now what?)

Newsgroup: rec.radio.amateur.space
Date: 2000-01-05 00:00:00 UTC
From: NS1Z/John <ns1z@arrl.net>
Message-ID: <RTIc4.4309$KY2.203388@pm02news>
Source record: 10792

The AMSAT site has the "Official Transponder Frequency Bandplan for P3-D" listed. Basically, I see 1.2, 2.4, 5.6, 10 & 24g to be the bands I need to implement here. The 5.6, 10 and 24g bands might be on the dish, depending on what my studies produce as viable alternatives. DSS dishes are found at the curb on trash day...

So, five (5) bands to add to the tangled mess I call my shack. Is anyone else working in this direction? What is an inexspensive/high performance (is this possible?) route for the newbie to follow. Would multiple dishes (ie. one for each band?) be more effective than one dish with multiple feeds?

I have been stealing info from the W1GHZ site, which is a great resource! I am still thinking cheaper is better. Milliwatts output (any band) and gobs of receive gain provided by a BIG dish (BUD)...

Rob Janssen wrote in message ...
>The difficult problem is that we first have to wait and see what kind
>of transponder setups are going to be used apart from the old 2/70/23
>standards for which many stations have equipment. 23up/13down could be

66. Re: A message from the FCC. - cber.jpg (1/1)

Newsgroup: rec.radio.amateur.space
Date: 2000-01-05 00:00:00 UTC
From: odo <odo@blinx.de>
Message-ID: <38737A39.AFA237D5@blinx.de>
Source record: 10793
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Uncle Charlie schrieb:

> [Image]

nonprofessional made bad fake.... :-((

odo

PS: be so kind NOT to crosspost and post binaries/attachments to
nonbinary groups.
alt.binaries.radio-scanner is the right forum.
..follow-up...

67. Re: Instant Track

Newsgroup: rec.radio.amateur.space
Date: 2000-01-05 00:00:00 UTC
From: "R.L. Tannehill, P.E." <rickw7rt@mail.firstinter.net>
Message-ID: <38739561.44C1@mail.firstinter.net>
Source record: 10794

```
Carl R. Stevenson wrote:
>
> -----BEGIN PGP SIGNED MESSAGE-----
> Hash: SHA1
>
> "Dave Sjolin" <sjolin@swbell.net> wrote in message
> news:386A2EB9.B1E9896E@swbell.net...
> > Deep within the AMSAT web pages there is mention that Instant Track is
> > going to have a new release (1.5?? I believe) in July 99 that would be
> > Y2K compliant. Obviously that date has come and gone and I see nothing
> > about where or how to get that version.
> >
> > Did this release ever occur or will I now have to find myself some new
> > tracking software for the new year?
> >
> > Thanks in advance
> > Dave, N0IT
>
> I'd also like to see a fix for the problem IT has with newer video cards
> which causes the text in the map screens to be trashed. However, I
> expect that the author may not be inclined to spend a lot of time on
> an old DOS program, so I'm evaluating Win32 and Linux-based
> alternatives.
>
> If anyone has experience-based recomendations on either Win32
> or Linux sat trcking programs, I'd appreciate a comment and a URL
> to the download site.
>
> 73,
> - --
> Carl R. Stevenson - wa6vse
> <mailto:wa6vse@fast/net>
> <http://www.users.fast.net/~wa6vse>
> - ------------------------------------------------------
> NCI-1052
> Director, No Code International
> Fellow, The Radio Club of America
> Senior Member, IEEE
> Member, TAPR
> Member, ARRL
> - ------------------------------------------------------
> Join No Code International! Hams for the 21st Century.
> Help assure the survival and prosperity of ham radio.
> <http://www.nocode.org>
```

>
> -----BEGIN PGP SIGNATURE-----
> Version: PGP for Personal Privacy 5.5.3
>
> iQA/AwUBOGqd5Ze+N6+q84HiEQLxpgCg7KOmadg50T1x6OPxspd0kxetUV0AoL3p
> vpiyQJA7AUfh/XLhBx02ahRU
> =7liZ
> -----END PGP SIGNATURE-----

Carl, there's a fix/patch already on the AMSAT web site for the problem you describe. I used it on my Pentium 350 at home and 400 at work, and it works just fine. I understand that the v1.5 for y2k is still in the works. Any time now?

Rick T.
W7RT

68. Wanted: 6m and hf module for FT726R +El Rotator

Newsgroup: rec.radio.amateur.space
Date: 2000-01-05 00:00:00 UTC
From: ALAIN DI PUMA <f1mge@free.fr>
Message-ID: <hXMc4.1061$LG7.5758026@nnrp1.proxad.net>
Source record: 10795

price and condition on my Email thanks;

69. test

Newsgroup: rec.radio.amateur.space
Date: 2000-01-05 00:00:00 UTC
From: tim <tim@timp123.com>
Message-ID: <is977s40q212ueuuf9m5buuc8baduki3c8@4ax.com>
Source record: 10796

```
test with new reader
```

70. Re: Linux SatTrack

Newsgroup: rec.radio.amateur.space
Date: 2000-01-05 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8773en.oug.nomail@linux.pe1chl.ampr.org>
Source record: 10797

marsgal42@hotmail.com <marsgal42@hotmail.com> wrote:
>In article <Atvc4.172$3m1.5450@news3.cableinet.net>,
> "David A Johnson" <webmaster@badgersoft.com> wrote:
>> Hi,

>> You can still download it from ftp.amsat.org but its the 3.05 version.

>> It's ok on linux 2.0.x but is a bit fiddly to compile on 2.2.x
>because a
>> a static variable name has changed in the ioctl library.

>Have you tried running it since the weekend? Mine died with
>garbage results from the Julian date calculations...

Did you apply the patch that I posted?

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

71. Natinal Bureau of Standards Clock / Instant Track

Newsgroup: rec.radio.amateur.space
Date: 2000-01-05 00:00:00 UTC
From: Dave Sjolin <sjolin@swbell.net>
Message-ID: <3873AE61.5A3F546E@swbell.net>
Source record: 10798

Hi All:

Ive been trying to update time on my PC via calling National Bureau of Standards from within Instant Track. When I get through the time does not get updated and I get in some kind of loop until I hit esc. Imagine its some kind Y2K problem.

Anybody know if that is the case or if its something Im not aware of?

Thanks,
73 de Dave, N0IT

72. Re: Amateur Restructuring - CALL SIGNS !!!!! - Great Idea!

Newsgroup: rec.radio.amateur.space
Date: 2000-01-06 00:00:00 UTC
From: vlfiscus@mcn.net
Message-ID: <s77orfpsnfg174@news.supernews.com>
Source record: 10606
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.space

Yes, new callsigns should be restructured too. They should look like the
old CB callsigns of the early 1970's. This will work out OK because the
restructured hams won't be much smarter than your typical CBer anyway.

KB7ADL

nospam@nospam.com (Radioguy) wrote in <386E112A.77D9@nospam.com>:
>Howdy:
>
>I am very concerned that I haven't heard or read of any discussion
>regarding call sign formats for amateurs licensed after RESTRUCTURING.
>

73. Re: Amateur Restructuring - CALL SIGNS !!!!! - Great Idea!

Newsgroup: rec.radio.amateur.space
Date: 2000-01-06 00:00:00 UTC
From: Dean Kastoris <n8ihs@home.com>
Message-ID: <3873E45D.CB03402B@home.com>
Source record: 10607
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

A comment like that really shows your intellegence too.

"Vince Fiscus, KB7ADL" wrote:
>
> Yes, new callsigns should be restructured too. They should look like the
> old CB callsigns of the early 1970's. This will work out OK because the
> restructured hams won't be much smarter than your typical CBer anyway.
>
> KB7ADL
>
> nospam@nospam.com (Radioguy) wrote in <386E112A.77D9@nospam.com>:
> >Howdy:
> >
> >I am very concerned that I haven't heard or read of any discussion
> >regarding call sign formats for amateurs licensed after RESTRUCTURING.
> >

74. Re: Amateur Restructuring - CALL SIGNS !!!!! - Great Idea!

Newsgroup: rec.radio.amateur.space
Date: 2000-01-06 00:00:00 UTC
From: fred1@my-deja.com
Message-ID: <851sjs$j63$1@nnrp1.deja.com>
Source record: 10608
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc

In article <s77orfpsnfg174@news.supernews.com>,
vlfiscus@mcn.net (Vince Fiscus, KB7ADL) wrote:
>
> Yes, new callsigns should be restructured too. They should look like
the
> old CB callsigns of the early 1970's. This will work out OK because
the
> restructured hams won't be much smarter than your typical CBer anyway.
>
> KB7ADL
>
> nospam@nospam.com (Radioguy) wrote in <386E112A.77D9@nospam.com>:
> >Howdy:
> >
> >I am very concerned that I haven't heard or read of any discussion
> >regarding call sign formats for amateurs licensed after
RESTRUCTURING.
> >

There isn't any change there with restructuring. New licensees
will be issued systematically calls appropropriate to their license
class. Being that no NEW license classes were created as a result of
restructuring, the current system will continue and those licensed
after April 15th can apply for vanity calls once they are in receipt
of their license. I.E. a new technician class licensee who is issued
a license after April 15th can apply for a vanity call from Groups
"C" or "D" once they have their original license. Being that the
advanced class license will no longer be issued after April 15th
to NEW applicants, new applicants will have to upgrade to extra
to be elgible for group "A" or "B" calls. So a NEW extra class
licensee after April 15th will receive a systematically assigned
from group "A" if they are still available in the applicant's
region, or a systematic call from group "B" if group "A" calls
are no longer available in that region. But the licensee can apply
for ANY unassigned call that is available to amateurs within CONUS
if the applicant is applying from CONUS.

.....Fred

Sent via Deja.com http://www.deja.com/
Before you buy.

75. Re: Amateur Restructuring - CALL SIGNS !!!!! - Great Idea!

Newsgroup: rec.radio.amateur.space
Date: 2000-01-06 00:00:00 UTC
From: kelly@dvol.com
Message-ID: <38741ca3.177125160@news.dvol.com>
Source record: 10609
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

On Wed, 05 Jan 2000 18:50:48 -0600, W6RCecilA <Cecil.A.Moore@IEEE.org>
wrote:

>Vince Fiscus, KB7ADL wrote:
>> This will work out OK because the
>> restructured hams won't be much smarter than your typical CBer anyway.
>
>Sorta like the present extras who don't know Ohm's law?
>
I'm a Present Extra and I no oms law damn you Cecil. Volts=Whatever
the Energizer Bunny wrote on the battery.
>--
>73, Cecil, W6RCA http://www.mindspring.com/~w6rca
>
Brian kelly KLK1937

76. FA IC275H ICOM 2M SSB, HP Digital Clock, SHIMPO Tach/counter

Newsgroup: rec.radio.amateur.space
Date: 2000-01-06 00:00:00 UTC
From: Joe Leikhim <jleikhim@nettally.com>
Message-ID: <38742391.1A275595@nettally.com>
Source record: 10610
Cross-posted to:
rec.radio.swap,rec.radio.amateur.space,rec.radio.amateur.equipment,rec.ham-radio.swap,sci.electronics.equipment

```
>> LQQK Here>>
>>
>> http://cgi3
>> ebay.com/aw-cgi/eBayISAPI.dll?ViewListedItems&userid=jleikhim@nettally.com
>>
>> Thanks for LQQKING
>
--
Joe Leikhim K4SAT
Jleikhim@nettally.com

"tv dinner by the pool,
i'm so glad i finished school" -F.Zappa 1967

"The Revolution will NOT be televised" -Gil Scott Heron

Dopeler effect: The tendency of stupid ideas to seem smarter when they
come
at you rapidly.
```

77. Re: Amateur Restructuring - CALL SIGNS !!!!! - Great Idea!

Newsgroup: rec.radio.amateur.space
Date: 2000-01-06 00:00:00 UTC
From: W6RCecilA <Cecil.A.Moore@IEEE.org>
Message-ID: <3874A9C6.619940E3@IEEE.org>
Source record: 10611
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc

fred1@my-deja.com wrote:
> Being that the
> advanced class license will no longer be issued after April 15th
> to NEW applicants, new applicants will have to upgrade to extra
> to be elgible for group "A" or "B" calls.

How about an existing advanced ham who wants a 2x2 call
after April 15?
--
73, Cecil, W6RCA http://www.mindspring.com/~w6rca

78. Re: Amateur Restructuring - CALL SIGNS !!!!! - Great Idea!

Newsgroup: rec.radio.amateur.space
Date: 2000-01-06 00:00:00 UTC
From: Hate@spam.org
Message-ID: <852tqd$2ho$1@nntp9.atl.mindspring.net>
Source record: 10612
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

You dont need to restructure the call signs to know who the new hams are,
just listen for anyone using 10-codes, CB lingo, and echo mics. You'll be able
to spot the new idiots a mile away.

In article <s77orfpsnfg174@news.supernews.com>, vlfiscus@mcn.net (Vince
Fiscus, KB7ADL) wrote:
>
>Yes, new callsigns should be restructured too. They should look like the
>old CB callsigns of the early 1970's. This will work out OK because the
>restructured hams won't be much smarter than your typical CBer anyway.
>
>KB7ADL
>
>
>nospam@nospam.com (Radioguy) wrote in <386E112A.77D9@nospam.com>:
>>Howdy:
>>
>>I am very concerned that I haven't heard or read of any discussion
>>regarding call sign formats for amateurs licensed after RESTRUCTURING.
>>

79. Re: Amateur Restructuring - CALL SIGNS !!!!! - Great Idea!

Newsgroup: rec.radio.amateur.space
Date: 2000-01-06 00:00:00 UTC
From: Mike Yetsko <joe@user.com>
Message-ID: <852v1v$n79$1@fir.prod.itd.earthlink.net>
Source record: 10613
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

That's right!! You'll be able to tell them from the old idiots who
persist in bad-mouthing any newbie who doesn't 'fall in line'
with what they 'had to do' to earn their wings.

Sorta reminds me of the old farts who sat around when I was
a kid telling old WWII stories about how they each won the war.

Just as pathetic, and just as pointless.

The real shame is there will be a few of the newbies who will be
mesmerized by the old farts, and become one...

Mike

Save Ham Radio <Hate@spam.org> wrote in message
news:852tqd$2ho$1@nntp9.atl.mindspring.net...
>
> You dont need to restructure the call signs to know who the new hams
are,
> just listen for anyone using 10-codes, CB lingo, and echo mics. You'll
be able
> to spot the new idiots a mile away.
>
>
>
> In article <s77orfpsnfg174@news.supernews.com>, vlfiscus@mcn.net
(Vince
> Fiscus, KB7ADL) wrote:
> >
> >Yes, new callsigns should be restructured too. They should look like
the
> >old CB callsigns of the early 1970's. This will work out OK because
the
> >restructured hams won't be much smarter than your typical CBer
anyway.
> >
> >KB7ADL
> >
> >
> >nospam@nospam.com (Radioguy) wrote in <386E112A.77D9@nospam.com>:
> >>Howdy:
> >>
> >>I am very concerned that I haven't heard or read of any discussion
> >>regarding call sign formats for amateurs licensed after

RESTRUCTURING.
> >>

80. Re: Amateur Restructuring - CALL SIGNS !!!!! - Great Idea!

Newsgroup: rec.radio.amateur.space
Date: 2000-01-06 00:00:00 UTC
From: AB7RS <tglenn@imt.net>
Message-ID: <3874FBE9.2DC5@imt.net>
Source record: 10614
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

W6RCecilA wrote:
>
> Vince Fiscus, KB7ADL wrote:
> > This will work out OK because the
> > restructured hams won't be much smarter than your typical CBer anyway.
>
> Sorta like the present extras who don't know Ohm's law?
> --
> 73, Cecil, W6RCA http://www.mindspring.com/~w6rca

You don't have to know ohms law to be a current extra yet some are
still to lazy or inept to make the grade.

81. Re: Amateur Restructuring - CALL SIGNS !!!!! - Great Idea!

Newsgroup: rec.radio.amateur.space
Date: 2000-01-06 00:00:00 UTC
From: tgold@microvest.demon.co.uk
Message-ID: <20000106.2141.2000082snz@microvest.demon.co.uk>
Source record: 10615
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc

On Thursday, in article <3874A9C6.619940E3@IEEE.org>
Cecil.A.Moore@IEEE.org "W6RCecilA" wrote:

> How about an existing advanced ham who wants a 2x2 call
> after April 15?

That existing advanced class ham should take element 4(B) immediately
and so be eligible for an extra class license in April.

Regards,
--
Tony - G3SKR / W2TG email: tgold@panix.com

82. Re: Amateur Restructuring - CALL SIGNS !!!!! - Great Idea!

Newsgroup: rec.radio.amateur.space
Date: 2000-01-06 00:00:00 UTC
From: W6RCecilA <Cecil.A.Moore@IEEE.org>
Message-ID: <387573B5.868F7F3C@IEEE.org>
Source record: 10616
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

Dick Carroll wrote:
> Hell you don't have to know ANYTHING to pass Extra except
> some Morse code.

Yep you do, Dick. You have to know that a circle is NOT
a curved line. :-)
--
73, Cecil, W6RCA http://www.mindspring.com/~w6rca

83. Re: Amateur Restructuring - CALL SIGNS !!!!! - Great Idea!

Newsgroup: rec.radio.amateur.space
Date: 2000-01-07 00:00:00 UTC
From: Dick Carroll <dixie@townsqr.com>
Message-ID: <853mao$bv2$1@208.207.71.133>
Source record: 10617
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

```
AB7RS wrote:
>
> W6RCecilA wrote:
> >
> > Vince Fiscus, KB7ADL wrote:
> > > This will work out OK because the
> > > restructured hams won't be much smarter than your typical CBer anyway.
> >
> > Sorta like the present extras who don't know Ohm's law?
> > --
> > 73, Cecil, W6RCA http://www.mindspring.com/~w6rca
>
> You don't have to know ohms law to be a current extra yet some are
> still to lazy or inept to make the grade.

Hell you don't have to know ANYTHING to pass Extra except
some Morse code. And that will go away on April 15.
```

84. Re: Amateur Restructuring - CALL SIGNS !!!!! - Great Idea!

Newsgroup: rec.radio.amateur.space
Date: 2000-01-07 00:00:00 UTC
From: AF2Y_RULES <d_ranged@nutcase.net>
Message-ID: <387605E7.1A17091A@nutcase.net>
Source record: 10618
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

Isn't it funny that all these type of posts come from the crowd that
is on the outside (can get on HF) looking in. Quit your whining and
learn what is necessary to get on the hf ham bands and act like an
amateur not a neanderthal (CBer).

D

Mike Yetsko wrote:
>
> That's right!! You'll be able to tell them from the old idiots who
> persist in bad-mouthing any newbie who doesn't 'fall in line'
> with what they 'had to do' to earn their wings.
>
> Sorta reminds me of the old farts who sat around when I was
> a kid telling old WWII stories about how they each won the war.
>
> Just as pathetic, and just as pointless.
>
> The real shame is there will be a few of the newbies who will be
> mesmerized by the old farts, and become one...
>
> Mike
>
> Save Ham Radio <Hate@spam.org> wrote in message
> news:852tqd$2ho$1@nntp9.atl.mindspring.net...
> >
> > You dont need to restructure the call signs to know who the new hams
> are,
> > just listen for anyone using 10-codes, CB lingo, and echo mics. You'll
> be able
> > to spot the new idiots a mile away.
> >
> >
> >
> > In article <s77orfpsnfg174@news.supernews.com>, vlfiscus@mcn.net
> (Vince
> > Fiscus, KB7ADL) wrote:
> > >
> > >Yes, new callsigns should be restructured too. They should look like
> the
> > >old CB callsigns of the early 1970's. This will work out OK because
> the
> > >restructured hams won't be much smarter than your typical CBer

> anyway.
> > >
> > >KB7ADL
> > >
> > >
> > >nospam@nospam.com (Radioguy) wrote in <386E112A.77D9@nospam.com>:
> > >>Howdy:
> > >>
> > >>I am very concerned that I haven't heard or read of any discussion
> > >>regarding call sign formats for amateurs licensed after
> RESTRUCTURING.
> > >>

85. The END of Ham Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-01-07 00:00:00 UTC
From: njvets <njvets@skyweb.net>
Message-ID: <mEmd4.1881$%K1.118120@tw12.nn.bcandid.com>
Source record: 10619
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

Yes indeed, its all in the best interest of Ham Radio..sure it is! Look guys, it has nothing to do with the CW requirement. I am 110% in favor of the CW requirement, but the truth is Ham Radio began its demise when the FCC stopped conducting exams. We all know that the VE system is of questionable integrity. You can read about bogus testing sessions every month in QST and other Ham rags. And those are only the ones that got caught! Just think, now any half brain dead idiot can go into a VE session, conducted by his buddies, take a 35 question exam, which he already knows the answers to, and come out an Extra! And this is GOOD for Ham Radio! Somebody explain that to me. Or should I say "rationalize" that to me. I may not be the nicest or smartest Ham in the world, but I'm sure not stupid either. This is definetly The End of Ham Radio. Do you really want to be associated with persons holding Extra tickets who do not know the difference between a 9 volt battery and an oak tree?
I don't.
I guess I must be confused, but I always thought if I EARNED something, it would have value to me and I would respect and take care of it. How much value can you place in an amateur radio license that is easier to get than a parking ticket?
Good bye Ham Radio, it was nice knowing you.
K2TL

86. Scanner Dweeb comic update (Solar event Episode 47)

Newsgroup: rec.radio.amateur.space
Date: 2000-01-07 00:00:00 UTC
From: scannerdweeb@aol.comicstrip
Message-ID: <20000107113715.00719.00000280@ng-co1.aol.com>
Source record: 10620

```
The 47th episode of
The Adventures of Scanner Dweeb
titled " Solar event "
is ready for your viewing pleasure at:
http://www.ScannerDweeb.com
Enjoy !
Check out the archive too... to see the rest.
And thanks for your support of the hobby of radio !

Have a GREAT one !
"The Adventures of Scanner Dweeb"
A comic strip about radio scanning.
http://www.ScannerDweeb.com
```

87. Re: The END of Ham Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-01-07 00:00:00 UTC
From: Paul
Message-ID: <38763c95.12139078@news.mindspring.com>
Source record: 10621
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

"njvets" <njvets@skyweb.net> wrote:

>Yes indeed, its all in the best interest of Ham Radio..sure it is! Look
>guys, it has nothing to do with the CW requirement. I am 110% in favor of
>the CW requirement, but the truth is Ham Radio began its demise when the FCC
>stopped conducting exams. We all know that the VE system is of questionable
>integrity. You can read about bogus testing sessions every month in QST and
>other Ham rags. And those are only the ones that got caught! Just think,
>now any half brain dead idiot can go into a VE session, conducted by his
>buddies, take a 35 question exam, which he already knows the answers to, and
>come out an Extra! And this is GOOD for Ham Radio! Somebody explain that to
>me. Or should I say "rationalize" that to me. I may not be the nicest or
>smartest Ham in the world, but I'm sure not stupid either. This is
>definetly The End of Ham Radio. Do you really want to be associated with
>persons holding Extra tickets who do not know the difference between a 9
>volt battery and an oak tree?
>I don't.
>I guess I must be confused, but I always thought if I EARNED something, it
>would have value to me and I would respect and take care of it. How much
>value can you place in an amateur radio license that is easier to get than a
>parking ticket?
>Good bye Ham Radio, it was nice knowing you.
>K2TL

Don't let the door hit you on the way out. I say good riddance to any
presumptious POS that implies I didn't earn my ticket, or questions
the integrity of my amateur community.

Paul

88. Re: The END of Ham Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-01-07 00:00:00 UTC
From: Nicholas Geovanis <nickgeo@merle.acns.nwu.edu>
Message-ID: <Pine.HPP.3.93.1000107142245.18853D-100000@merle.acns.nwu.edu>
Source record: 10622
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

On Fri, 7 Jan 2000, njvets wrote:

> Yes indeed, its all in the best interest of Ham Radio..sure it is! Look
> guys, it has nothing to do with the CW requirement. I am 110% in favor of
> the CW requirement, but the truth is Ham Radio began its demise when the FCC
> stopped conducting exams. We all know that the VE system is of questionable
<CUT>
> I guess I must be confused, but I always thought if I EARNED something, it
> would have value to me and I would respect and take care of it. How much
> value can you place in an amateur radio license that is easier to get than a
> parking ticket?

You apparently suffer from a lack of self-esteem.

If YOU are a courteous operator with wide, deep technical knowledge,
then YOU are a valuable radio amateur. One could match my description and
hold a General license or below, or even no amateur license at all if you
worked, say, in military or commercial communications.

But it seems that this isn't enough for you. You crave that piece of paper
which says "Advanced" or "Extra" on it, not because of what YOU are and
what YOU have accomplished, but rather because of the mark the LICENSE
PUTS ON YOU, because of the "specialness" it confers on you, because of
the "distinction" which you believe it will afford you.

If that's all you want, just have a fancy, official-looking embossed piece
of paper framed and put on the wall next to your $3000 general-coverage
receiver. Only a tiny handful of people will know the difference.....

+-------------------->
| Nick Geovanis
| IT Computing Svcs
| Northwestern Univ
V n-geovanis@nwu.edu

89. Re: Amateur Restructuring - CALL SIGNS !!!!! - Great Idea!

Newsgroup: rec.radio.amateur.space
Date: 2000-01-07 00:00:00 UTC
From: Joe K7JOE <K7JOE@yahoo.com>
Message-ID: <3876612C.FBEA5C56@yahoo.com>
Source record: 10623
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc

Does that mean that us amateur extras, who passed a 20 WPM
test without a doctors excuse note, can start signing our callsigns
"stroke 20" as a designate kinda like the "interim KT, temporary AE"
that was so prevalent on two meters back in the early and mid 1980's
?

Joe K7JOE/20

90. Re: The END of Ham Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-01-07 00:00:00 UTC
From: dana <dana@randomc.com>
Message-ID: <Pine.GSO.4.10.10001071757570.13047-100000@cluster2>
Source record: 10624
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

i couldn't agree with you more, and think i just might sell out, they are
just giving the bands away, but one thing, at least they are keeping some
code, that will still keep some of the cbers out, but 75 meters allready
sounds like 11 meters anyway. i got my extra back in 1989, and passed all
the code requirements, and i am blind on top of all that.

On Fri, 7 Jan 2000, njvets wrote:

> Date: Fri, 07 Jan 2000 14:22:10 GMT
> From: njvets <njvets@skyweb.net>
> Newsgroups: rec.radio.amateur.antenna, rec.radio.amateur.equipment,
> rec.radio.amateur.space, rec.radio.amateur.misc,
> rec.radio.amateur.policy, rec.radio.cb, rec.radio.scanner,
> rec.radio.shortwave
> Subject: The END of Ham Radio
>
> Yes indeed, its all in the best interest of Ham Radio..sure it is! Look
> guys, it has nothing to do with the CW requirement. I am 110% in favor of
> the CW requirement, but the truth is Ham Radio began its demise when the FCC
> stopped conducting exams. We all know that the VE system is of questionable
> integrity. You can read about bogus testing sessions every month in QST and
> other Ham rags. And those are only the ones that got caught! Just think,
> now any half brain dead idiot can go into a VE session, conducted by his
> buddies, take a 35 question exam, which he already knows the answers to, and
> come out an Extra! And this is GOOD for Ham Radio! Somebody explain that to
> me. Or should I say "rationalize" that to me. I may not be the nicest or
> smartest Ham in the world, but I'm sure not stupid either. This is
> definetly The End of Ham Radio. Do you really want to be associated with
> persons holding Extra tickets who do not know the difference between a 9
> volt battery and an oak tree?
> I don't.
> I guess I must be confused, but I always thought if I EARNED something, it
> would have value to me and I would respect and take care of it. How much
> value can you place in an amateur radio license that is easier to get than a
> parking ticket?
> Good bye Ham Radio, it was nice knowing you.
> K2TL
>
>
>
>

91. Re: Amateur Restructuring - CALL SIGNS !!!!! - Great Idea!

Newsgroup: rec.radio.amateur.space
Date: 2000-01-07 00:00:00 UTC
From: "J. Frost" <nospam@nospam.com>
Message-ID: <387663E1.7198@nospam.com>
Source record: 10625
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc

Joe K7JOE wrote:
>
> Does that mean that us amateur extras, who passed a 20 WPM
> test without a doctors excuse note, can start signing our callsigns
> "stroke 20" as a designate kinda like the "interim KT, temporary AE"
> that was so prevalent on two meters back in the early and mid 1980's
> ?
>
> Joe K7JOE/20

C'mon Joe why should you have to suffer? It means that the restructured
ham has to sign /R :-)

92. Re: The END of Ham Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-01-07 00:00:00 UTC
From: dana <dana@randomc.com>
Message-ID: <Pine.GSO.4.10.10001071823360.13154-100000@cluster2>
Source record: 10626
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

Boy i earn mine, so goodby ham radio, nice knowing you.

On Fri, 7 Jan 2000, it was written:

> Date: Fri, 07 Jan 2000 19:23:39 GMT
> From: Paul
> Newsgroups: rec.radio.amateur.antenna, rec.radio.amateur.equipment,
> rec.radio.amateur.space, rec.radio.amateur.misc,
> rec.radio.amateur.policy, rec.radio.cb, rec.radio.scanner,
> rec.radio.shortwave
> Subject: Re: The END of Ham Radio
>
> "njvets" <njvets@skyweb.net> wrote:
>
> >Yes indeed, its all in the best interest of Ham Radio..sure it is! Look
> >guys, it has nothing to do with the CW requirement. I am 110% in favor of
> >the CW requirement, but the truth is Ham Radio began its demise when the FCC
> >stopped conducting exams. We all know that the VE system is of questionable
> >integrity. You can read about bogus testing sessions every month in QST and
> >other Ham rags. And those are only the ones that got caught! Just think,
> >now any half brain dead idiot can go into a VE session, conducted by his
> >buddies, take a 35 question exam, which he already knows the answers to, and
> >come out an Extra! And this is GOOD for Ham Radio! Somebody explain that to
> >me. Or should I say "rationalize" that to me. I may not be the nicest or
> >smartest Ham in the world, but I'm sure not stupid either. This is
> >definetly The End of Ham Radio. Do you really want to be associated with
> >persons holding Extra tickets who do not know the difference between a 9
> >volt battery and an oak tree?
> >I don't.
> >I guess I must be confused, but I always thought if I EARNED something, it
> >would have value to me and I would respect and take care of it. How much
> >value can you place in an amateur radio license that is easier to get than a
> >parking ticket?
> >Good bye Ham Radio, it was nice knowing you.
> >K2TL
>
> Don't let the door hit you on the way out. I say good riddance to any
> presumptious POS that implies I didn't earn my ticket, or questions
> the integrity of my amateur community.
>
> Paul
>
>

93. Re: The END of Ham Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-01-07 00:00:00 UTC
From: Bill Gallagher <KS3Y@prodigy.net>
Message-ID: <855t9m$dc5s$1@newssvr03-int.news.prodigy.com>
Source record: 10627
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

Every no-code tech knows the difference between a 9v battery and an oak
tree. The oak tree tastes woody when you touch it on your tongue!

Bill
njvets <njvets@skyweb.net> wrote in message
news:mEmd4.1881$%K1.118120@tw12.nn.bcandid.com...
> Yes indeed, its all in the best interest of Ham Radio..sure it is! Look
> guys, it has nothing to do with the CW requirement. I am 110% in favor of
> the CW requirement, but the truth is Ham Radio began its demise when the
FCC
> stopped conducting exams. We all know that the VE system is of
questionable
> integrity. You can read about bogus testing sessions every month in QST
and
> other Ham rags. And those are only the ones that got caught! Just think,
> now any half brain dead idiot can go into a VE session, conducted by his
> buddies, take a 35 question exam, which he already knows the answers to,
and
> come out an Extra! And this is GOOD for Ham Radio! Somebody explain that
to
> me. Or should I say "rationalize" that to me. I may not be the nicest or
> smartest Ham in the world, but I'm sure not stupid either. This is
> definetly The End of Ham Radio. Do you really want to be associated with
> persons holding Extra tickets who do not know the difference between a 9
> volt battery and an oak tree?
> I don't.
> I guess I must be confused, but I always thought if I EARNED something, it
> would have value to me and I would respect and take care of it. How much
> value can you place in an amateur radio license that is easier to get than
a
> parking ticket?
> Good bye Ham Radio, it was nice knowing you.
> K2TL
>
>

94. Re: The END of Ham Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-01-07 00:00:00 UTC
From: WebMonkey <webmonkey@mad.scientist.com>
Message-ID: <38769AFA.5B5D@mad.scientist.com>
Source record: 10628
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

njvets wrote:
>
> Yes indeed, its all in the best interest of Ham Radio..sure it is! Look
> guys, it has nothing to do with the CW requirement. I am 110% in favor of
> the CW requirement, but the truth is Ham Radio began its demise when the FCC
> stopped conducting exams. We all know that the VE system is of questionable
> integrity. You can read about bogus testing sessions every month in QST and
> other Ham rags. And those are only the ones that got caught! Just think,
> now any half brain dead idiot can go into a VE session, conducted by his
> buddies, take a 35 question exam, which he already knows the answers to, and
> come out an Extra! And this is GOOD for Ham Radio! Somebody explain that to
> me. Or should I say "rationalize" that to me. I may not be the nicest or
> smartest Ham in the world, but I'm sure not stupid either. This is
> definetly The End of Ham Radio. Do you really want to be associated with
> persons holding Extra tickets who do not know the difference between a 9
> volt battery and an oak tree?
> I don't.
> I guess I must be confused, but I always thought if I EARNED something, it
> would have value to me and I would respect and take care of it. How much
> value can you place in an amateur radio license that is easier to get than a
> parking ticket?
> Good bye Ham Radio, it was nice knowing you.
> K2TL

i feel that way sometimes watching the posts here in usenet. not just
in the ham groups.

anyone can go down to wally world and buy a computer and get on the
internet, but i don't ask them if they have any computer knowlege of
worth before i 'converse' with them.

interesting analogy. most of the people out here in the net are
appliance operators but noone 'blackballs' them.

people will visit websites that were 'generated' by an expensive program
just as much as a website built with notepad. the content is what
counts.

weird.
--
A.C. Curtis
KBï¿½WLF
53.45 and 442.45, 77.0Hz enc/dec [multi-cast repeater system]
mailto:demoman@rollanet.org

http://www.rollanet.org/~demoman

95. Re: The END of Ham Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-01-07 00:00:00 UTC
From: Tate <73KC7ZRU73@cyberhighway.net>
Message-ID: <3876AB6C.80B6CA24@cyberhighway.net>
Source record: 10629
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy

Correct in part

However, the problem doesn't reside with enforcement. Even though more proactive enforcement, at this time, sounds good. And it may well be - as long as it doesn't get in the way of legitimate operations.

The fault falls squarely on those that refuse to obey the rules.

It's like trying to blame the sprinkler system for burning the house down. The renter shouldn't have tried to barbecue his chops using the kitchen table as a grill. He's the one that started the fire - not the sprinklers. (To stay with the ham analogy, if someone hadn't turned off the sprinkler system it may have been possible to save more property and lives before the house became an ash pit)

You want to blame someone? Blame those that abuse the privilege of operating in the amateur bands, as if it where a right.

73

Bud the Real wrote:
>
>
> The problem with Ham Radio isn't the tests, or the lack of CW,
> it's the lack of ENFORCEMENT!
>

--
KC7ZRU | In Laramie Area
Laramie, WY | UARC Repeater
DN71eh | 146.610
"The Dungeon" online at http://www.cyberhighway.net/~tateb

96. Re: Amateur Restructuring - CALL SIGNS !!!!! - Great Idea!

Newsgroup: rec.radio.amateur.space
Date: 2000-01-07 00:00:00 UTC
From: K7MHZ <garbreNOSPAM@sisna.com>
Message-ID: <38766e1a_2@news.sisna.com>
Source record: 10630
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc

You funny...

Gary
K7MHZ/5

Joe K7JOE wrote in message <3876612C.FBEA5C56@yahoo.com>...
>Does that mean that us amateur extras, who passed a 20 WPM
>test without a doctors excuse note, can start signing our callsigns
>"stroke 20" as a designate kinda like the "interim KT, temporary AE"
>that was so prevalent on two meters back in the early and mid 1980's
>?
>
>Joe K7JOE/20

97. Re: The END of Ham Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-01-08 00:00:00 UTC
From: ccom2@socket.net
Message-ID: <38768e51.639428@news.socket.net>
Source record: 10631
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

And they were not buying the answers for the test when the FCC gave
them? If someone wants to cheat they will find away.
AB0IV
"njvets" <njvets@skyweb.net> wrote:

>Yes indeed, its all in the best interest of Ham Radio..sure it is! Look
>guys, it has nothing to do with the CW requirement. I am 110% in favor of
>the CW requirement, but the truth is Ham Radio began its demise when the FCC
>stopped conducting exams. We all know that the VE system is of questionable
>integrity. You can read about bogus testing sessions every month in QST and
>other Ham rags. And those are only the ones that got caught! Just think,
>now any half brain dead idiot can go into a VE session, conducted by his
>buddies, take a 35 question exam, which he already knows the answers to, and
>come out an Extra! And this is GOOD for Ham Radio! Somebody explain that to
>me. Or should I say "rationalize" that to me. I may not be the nicest or
>smartest Ham in the world, but I'm sure not stupid either. This is
>definetly The End of Ham Radio. Do you really want to be associated with
>persons holding Extra tickets who do not know the difference between a 9
>volt battery and an oak tree?
>I don't.
>I guess I must be confused, but I always thought if I EARNED something, it
>would have value to me and I would respect and take care of it. How much
>value can you place in an amateur radio license that is easier to get than a
>parking ticket?
>Good bye Ham Radio, it was nice knowing you.
>K2TL
>
>

98. Re: The END of Ham Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-01-08 00:00:00 UTC
From: dana <dana@randomc.com>
Message-ID: <Pine.GSO.4.10.10001072246150.14347-100000@cluster2>
Source record: 10632
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy

yep, and i have been in radio for years, and this is the most distcussing
thing i have ever heard, and i agree with your coment.

On Sat, 8 Jan 2000, Bud the Real wrote:

> Date: Sat, 08 Jan 2000 02:31:47 GMT
> From: Bud the Real <thekat@san.rxyzr.com>
> Newsgroups: rec.radio.amateur.antenna, rec.radio.amateur.equipment,
> rec.radio.amateur.space, rec.radio.amateur.misc,
> rec.radio.amateur.policy, rec.radio.cb, rec.radio.scanner,
> rec.radio.shortwave
> Subject: Re: The END of Ham Radio
>
> ccom2@socket.net, speaking for the Elders of Whirlpool, wrote... :
>
> >And they were not buying the answers for the test when the FCC gave
> >them? If someone wants to cheat they will find away.
>
> The problem with Ham Radio isn't the tests, or the lack of CW,
> it's the lack of ENFORCEMENT!
>
> You can travel to almost any medium to large city, and find absolutely
> disgusting traffic on ham bands, from SW to SHF.
>
> When you complain about it, you're brushed off.
>
> Enforce the rules, and you'll get Ham Radio back to what it should be.
>
>
>
>
>
> To reply by email, remove the XYZ.
>
> Lumber Cartel (tinlc) #2063. Spam this account at your own risk.
>
>

99. Re: Amateur Restructuring - CALL SIGNS !!!!! - Great Idea!

Newsgroup: rec.radio.amateur.space
Date: 2000-01-08 00:00:00 UTC
From: fred1@my-deja.com
Message-ID: <8579bnega1@nnrp1.deja.com>
Source record: 10633
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc

In article <3874A9C6.619940E3@IEEE.org>,
W6RCecilA <Cecil.A.Moore@IEEE.org> wrote:
> fred1@my-deja.com wrote:
> > Being that the
> > advanced class license will no longer be issued after April 15th
> > to NEW applicants, new applicants will have to upgrade to extra
> > to be elgible for group "A" or "B" calls.
>
> How about an existing advanced ham who wants a 2x2 call
> after April 15?
> --
> 73, Cecil, W6RCA http://www.mindspring.com/~w6rca

Being that the restructuring R & O leaves existing
amateurs unaffected, advanced class licensees can apply
for vanity calls exactly like they have since the system
went into effect in 1996. No NEW advanced class licenses
will be issued after April 15th, but those who already
hold advanced class licenses can apply for vanity calls
under existing guidelines.

.........Fred

Sent via Deja.com http://www.deja.com/
Before you buy.

100. Re: Linux SatTrack

Newsgroup: rec.radio.amateur.space
Date: 2000-01-08 00:00:00 UTC
From: Hamish Moffatt <hamish@rising.com.au>
Message-ID: <855umt$27bb$2@arachne.labyrinth.net.au>
Source record: 10634

David A Johnson <webmaster@badgersoft.com> wrote:
> You can still download it from ftp.amsat.org but its the 3.05 version.

> It's ok on linux 2.0.x but is a bit fiddly to compile on 2.2.x because a
> a static variable name has changed in the ioctl library.

Debian 2.2 packages are available. You can download them from
ftp://ftp.rising.com.au/pub/hamish/sattrack

or for Debian 2.1

ftp://ftp.rising.com.au/pub/hamish/sattrack-slink

I have converted these to .RPMs for Red Hat (untested):

ftp://ftp.rising.com.au/pub/hamish/sattrack-rpm

They include the Y2K fix Rob posted on this group.

Hamish
--
Hamish Moffatt Mobile: +61 412 011 176 hamish@rising.com.au
Rising Software Australia Pty. Ltd. http://www.risingsoftware.com/
Phone: +61 3 9894 4788 Fax: +61 3 9894 3362 USA: 1 888 667 7839

101. Re: The END of Ham Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-01-08 00:00:00 UTC
From: jdaggett@gate.net
Message-ID: <387865a0.7255093@news.gate.net>
Source record: 10635
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

On Fri, 07 Jan 2000 23:07:51 GMT, dana <dana@randomc.com> wrote:

*i couldn't agree with you more, and think i just might sell out, they are
*just giving the bands away, but one thing, at least they are keeping some
*code, that will still keep some of the cbers out, but 75 meters allready
*sounds like 11 meters anyway. i got my extra back in 1989, and passed all
*the code requirements, and i am blind on top of all that.
****

The code provision had to remain due to treaty. The ITU requires that all amatuer licensees operating under 30MHz must have proficiency in code. The ITU does not mention at what level is considered proficient. I got my Tech class license in 1977 and the 80 M band was not any better than it is now. I also have a BSEE degree and feel that element 4A and 4B are easier than many of the EE classes that I took. I just see no need for element 1B, and 1C. To me it does not mean I will operate on 3890 KHz any better or worse. Besides to operate on 80M phone you must have to operate with a general class license or higher. Until 4/15/2000 that still requires a minimum of 13WPM code. If I were to try and draw some conclusion from you post, it may seem that as one becomes more proficient in code, one becomes a better operator. BUt at this time I will try and refrain from such endeavor.

regards
james

****

*On Fri, 7 Jan 2000, njvets wrote:
*
*> Date: Fri, 07 Jan 2000 14:22:10 GMT
*> From: njvets <njvets@skyweb.net>
*> Newsgroups: rec.radio.amateur.antenna, rec.radio.amateur.equipment,
*> rec.radio.amateur.space, rec.radio.amateur.misc,
*> rec.radio.amateur.policy, rec.radio.cb, rec.radio.scanner,
*> rec.radio.shortwave
*> Subject: The END of Ham Radio
*>
*> Yes indeed, its all in the best interest of Ham Radio..sure it is! Look
*> guys, it has nothing to do with the CW requirement. I am 110% in favor of
*> the CW requirement, but the truth is Ham Radio began its demise when the FCC
*> stopped conducting exams. We all know that the VE system is of questionable
*> integrity. You can read about bogus testing sessions every month in QST and
*> other Ham rags. And those are only the ones that got caught! Just think,
*> now any half brain dead idiot can go into a VE session, conducted by his

*> buddies, take a 35 question exam, which he already knows the answers to, and
*> come out an Extra! And this is GOOD for Ham Radio! Somebody explain that to
*> me. Or should I say "rationalize" that to me. I may not be the nicest or
*> smartest Ham in the world, but I'm sure not stupid either. This is
*> definetly The End of Ham Radio. Do you really want to be associated with
*> persons holding Extra tickets who do not know the difference between a 9
*> volt battery and an oak tree?
*> I don't.
*> I guess I must be confused, but I always thought if I EARNED something, it
*> would have value to me and I would respect and take care of it. How much
*> value can you place in an amateur radio license that is easier to get than a
*> parking ticket?
*> Good bye Ham Radio, it was nice knowing you.
*> K2TL
*>
*>
*>
*>

102. Re: The END of Ham Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-01-08 00:00:00 UTC
From: jdaggett@gate.net
Message-ID: <387a6cc1.9079634@news.gate.net>
Source record: 10636
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

On Sat, 08 Jan 2000 02:31:47 GMT, Bud the Real <thekat@san.rxyzr.com> wrote:

*ccom2@socket.net, speaking for the Elders of Whirlpool, wrote... :
*
*>And they were not buying the answers for the test when the FCC gave
*>them? If someone wants to cheat they will find away.
*
*The problem with Ham Radio isn't the tests, or the lack of CW,
*it's the lack of ENFORCEMENT!
*
*You can travel to almost any medium to large city, and find absolutely
*disgusting traffic on ham bands, from SW to SHF.
*
*When you complain about it, you're brushed off.
*
*Enforce the rules, and you'll get Ham Radio back to what it should be.
*
****

Give ths man five gold stars. The first correct answer to the problems of
amamtuer radio.

regards
james

****
*
*
*
*To reply by email, remove the XYZ.
*
*Lumber Cartel (tinlc) #2063. Spam this account at your own risk.

103. Radio Meteor Obs. Bull. December 1999

Newsgroup: rec.radio.amateur.space
Date: 2000-01-08 00:00:00 UTC
From: steyaert@vvs.be
Message-ID: <387772f5.31487564@news.innet.be>
Source record: 10637

Radio Meteor Observation Bulletin No. 77 January 2000

1. FORWARD SCATTER METEOR OBSERVATIONS

Observer: Enric Fraile Algeciras
Location: Paseo Bonanova, 8 Barcelona (02 07'E, 41 24' N)
Frequency: 48.24715 MHz.
Transmitter Location: still working to identify, possibly South German C2,
100 kW, horizontal polarisation)
Antenna: 6-element Yagi 617-6B, 14 dBd gain.
astronomical azimuth 215 deg (=NE), elevation 0 deg.
Antenna: Six element Yagi 617-6B, 14 dBi gain, horizontal polariz.
Azimuth 200 deg (NE), elevation 20 deg
Receiver: home made converter 20 dB gain, 1 dB noise and Kenwood TS-830S.
10 dB attenuator in the receiver to reduce direct reception
Sensitivity: 0.25 uV for 10 dB S/N
Observing method: the audio signal of the video carrier is received using
a narrow CW filter (500 Hz) and fed into the PC in real time.
Data sampling system: using a super 14 bits A/D card to PC/XT
and "Data Capture" software with 1 second/18 sampling interval
to store all the > 0.5 s reflections.

| Dec 1999
UT | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
----+--
0h| 2 1 9 7 4 2 9 6 8 7 2 4 10 31 74 5
1 | 1 6 10 3 11 7 6 3 10 2 10 3 4 25 53 3
2 | 3 7 6 4 4 3 7 4 9 2 5 5 3 10 44 17
3 | 3 3 3 7 7 6 4 6 10 10 4 8 2 4 18 26
4 | 5 1 4 5 2 13 2 3 7 6 19 14 12 4 2 24
5 | 5 3 12 3 17 9 5 10 9 17 14 20 26 45 18 7
6 | 1 2 14 8 10 6 11 13 16 11 15 26 40 47 32 6
7 | 2 2 7 5 4 6 17 5 9 12 11 13 38 26 31 19
8 | 2 2 30 10 1 12 7 11 11 26 7 21 22 45 38 7
9 | 2 2 2 10 1 7 6 10 9 15 33 7 14 28 26 21
10 | 1 2 9 3 0 6 7 5 13 5 9 5 14 26 20 17
11 | 6 2 8 1 3 3 3 6 9 2 6 2 23 5 3 21
12 | 3 2 11 3 2 1 3 4 8 4 25 4 4 11 3 21
13 | 3 1 10 4 2 3 7 3 3 12 1 3 0 6 7 15
14 | 2 3 4 1 3 8 2 4 10 6 0 2 6 8 2 40
15 | 3 1 11 3 9 3 2 8 6 4 7 3 12 6 4 7
16 | 6 4 11 5 4 4 15 6 8 6 6 2 1 3 13 13
17 | 0 1 6 4 4 5 8 3 2 4 11 6 0 4 3 10
18 | 2 1 3 5 4 3 3 6 11 6 6 1 8 7 4 10
19 | 3 5 5 2 4 8 8 2 3 9 10 3 25 13 14 7

```
20 | 6 15 13 4 6 6 3 12 9 42 8 14 18 52 15 5
21 | 3 11 14 7 4 5 6 9 8 6 7 31 39 48 16 4
22 | 2 13 4 4 4 8 8 15 7 2 16 19 65 46 22 7
23 | 5 12 6 5 6 15 15 4 8 9 23 17 66 78 16 15
----+------------------------------------------------------------
UT | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
| Dec 1999

| Dec 1999
| 17 18 19 20 21 22 23 24 25 26 27 28 29
----+-----------------------------------------------
0h| 4 0 6 10 18 11 * * 3 0 3 8 0
1 | 0 21 14 32 9 24 * * 0 1 0 1 3
2 | 16 13 19 11 18 30 * * 6 2 1 11 0
3 | 7 7 20 20 12 19 * * 10 11 4 1 9
4 | 18 18 18 23 28 17 * * 11 26 1 0 11
5 | 9 15 10 16 5 14 * * 11 16 1 14 18
6 | 25 28 * 27 9 * * * 27 15 1 7 7
7 | 26 31 * 47 12 * * * 26 30 3 7 3
8 | 88 55 * 29 * * * * 1 21 0 1 10
9 | 6 36 * 14 * * * * 11 14 2 * 2
10 | * 65 12 16 16 * * * 19 1 1 * *
11 | * 17 10 23 32 * * * 26 6 11 * *
12 | * 26 6 12 13 * * * 9 17 30 * *
13 | 33 28 19 12 13 * * * 21 5 32 * *
14 | 1 20 6 18 6 6 * * 19 10 29 * *
15 | 4 * 19 11 8 20 * * 17 1 77 * -
16 | 3 * 6 7 20 15 * 14 3 2 32 * -
17 | 3 * 7 15 10 * * 1 15 0 * * -
18 | 5 * 19 22 7 * * 0 7 0 * 4 -
19 | 20 * 11 9 17 * * 0 7 0 * 15 -
20 | 0 * 9 7 9 * * 1 31 15 * 6 -
21 | 10 * 14 17 26 * * 3 27 6 51 0 -
22 | 2 * 9 11 15 * * 10 8 0 29 0 -
23 | 8 7 7 6 4 * * 2 6 1 106 0 -
----+-----------------------------------------------
| 17 18 19 20 21 22 23 24 25 26 27 28 29
| Dec 1999
```

Note:
. * local interference or propagation opening

Enric Fraile Algeciras

Observer: Michael Boschat
Location: Halifax, Canada (63 36'W, 44 39'N, 58 meters above sea level)
Listening Frequency: 83.25 MHz
Receiver: Icom R-10
Antenna : resonant dipole
Antenna Direction: Horizontally polarized with lobes in E-W plane, elev 0 deg

Filter : high-Q (Q at least 300) bandpass filter between antenna & receiver.
Listening Mode: CW
Recording method: listening by ear

December 1999

Number of meteors heard in one hour interval

| UT
Dec| 09h 10 11 12 13 14 15 16 17 18 19 20 00 01 02 03 04 05 06
---+---
1 | - - - 9 2 3 7 - - - - -
2 | 4 4 - 5 3 2 9 7 8 - - -
3 | - - - - - - - - - - - -
4 | - - - - - - - - - - - -
5 | - - - - - - - - - - - -
6 | - - - - - - - - - - - -
7 | - - - - - - - 3 4 - - -
8 | - - - - - - - - - - - -
9 | - - - 6 4 1 3 - - - - -
10 | - - - 1 3 4 4 2 - - - -
11 | - - - - 10 7 6 5 - - - - 1 1 3 4 - - -
12 | - - - 6 24 16 11 5 6 10 - - 16 34 35 47 - -
13 | - - 38 69 34 41 23 15 8 - - - - 26 73 100 102 98 112
14 | - - - 98 102 59 31 - - - - - - 26 60 51 34 - -
15 | - - - 37 26 22 12 - - - - -
16 | - - - - - - 7 - - - - -
17 | - - - 31 16 20 16 - - - - -
18 | - - - 19 - - 12 - - - - -
19 | - - - 3 9 19 18 - 5 6 - -
20 | - - - 25 15 12 14 - 11 - - -
21 | - - - 29 32 25 19 - - - - -
22 | - - 9 14 8 8 16 - - 22 10 6 - - 7 3 - - -
23 | - - 12 20 17 13 22 12 - - - -
24 | - - 13 33 14 10 28 - - - - -
25 | - - 6 13 23 7 - 11 12 - - -
26 | - 4 6 7 15 - - - - - - -
27 | - - - - 2 7 - - - - - -
---+---
Dec| 09h 10 11 12 13 14 15 16 17 18 19 20 00 01 02 03 04 05 06
| UT

Notes:
. no corrections for radiant position made to the counts.
. (-) means no observations made.
. * = Interference

Mike Boschat

Observer: Maurice De Meyere
Location: Deurle, Belgium (3 37' E, 51 00' N)

Frequency: 66.51 MHz
Transmitter locations (all stations of more than 10 kW):
66.35 MHz, Klaipeda, Lithuania 12 kW, 05h00-22h00
66.47 Viesintos Lithuania 12 05h00-22h00
66.62 Budapest Hungary 100 24hrs
66.68 Valmiera Latvia 20 04h30-22h00
Antenna: crossed Yagi (x form), 4 elements, astronomical azimuth 270 deg
(= E), elevation 27 deg.
Antenna amplifier: 25 dB max level 90 dBmuV
Receiver: commercial, Progresson 447A, TESLA (Bratislava)
The receiver was calibrated with a Marconi TF2008 signal
generator. Sensitivity: 5 muV (modulation frequency
1000 Hz, frequency sweep 38 kHz) at (S+N)/N = 20 dB.
SWR of antenna alone at 66.5 MHz: 1.4/1 (good to very good),
measured with MFJ/259P SWR analyzer (HF-VHF 1.8 MHz to 170 MHz)
on Sep 28, 1998.
Observing method: automated setup, 150 samples/second, 8 bit resolution.
[Time and details of all individual meteor reflections are stored
on file in the University of Ghent format (Prometeos), and are
available for further analysis. Reduction software for DOS and
Windows available].

December 1999

Raw counts of reflections with a duration of at least 0.027 s
during one hour interval starting at UT:

Dec	UT										
1999	21	22	23	00	01	02	03	04	05	06	07
1- 2	80	103	90	124	112	126	128	133	?	132	62
2- 3	60	69	105	89	?	108	145	153	118	149	138
3- 4	41	69	73	117	106	147	145	138	147	108	96
4- 5	71	67	66	77	107	95	143	141	153	121	?
5- 6	100	79	118	?	106	85	133	118	131	139	103
6- 7	63	101	79	127	116	116	137	150	106	137	86
7- 8	44	84	108	112	113	105	139	167?	137	122	79
8- 9	56	143	115	108	99	92	128	146	139	136	94
9-10	55	142	105	115	135	140	153	161	156	?	?
10-11	91	103	123	101	138	84	147	143	166	130	-
11-12	131	136	136	130	110	124	126	152	129	145	149
12-13	131	144	222	168	147	144	139	149	133	225	179
13-14	242	238	243	217	171	178	166	228	256	430	401
14-15	313	403	266	208	225	184	143	177	217	329	259
15-16	102	90	125	110	91	115	142	178	132	146	128
16-17	56	65	61	136	106	116	165	146	?	116	64
17-18	75	106	80	96	125	111	171	158	125	126	72
18-19	50	86	79	103	85	103	98	164	153	142	96
19-20	48	59	108	?	101	88	132	?	?	164?	?
20-21	60	68	88	90	102	97	145	147	92	139	187?
21-22	141	121	72	118	92	104	131	148	157	161	131

```
22-23 | 99 109 85 114 104 102 124 142 138 129 99
23-24 | 60 72 59 90 87 94 147 102 106 99 66
24-25 |
25-26 | 44 70 65 77 75 99 78 98 84 86 50
26-27 | 47 29 41 76 91 91 108 125 131 113 62
27-28 | 37 73 73 75 65 ? 100 126 122 96 ?
28-29 | 48 48 39 91 78 67 115 100 78 61 53
29-30 | 38 58 58 62 70 77 125 106 93 121 94
30-31 | 33 40 50 75 52 84 127 126 133 115 100
31- 1 | 92? ? ? 110 98 105 106 118 126 120 61
------+-----------------------------------------------------
1999 | 21 22 23 00 01 02 03 04 05 06 07
Dec | UT
```

Raw counts of reflections with a duration of at least 1.000 s
during one hour interval starting at UT:

```
Dec | UT
1999 | 21h 22 23 00 01 02 03 04 05 06 07
------+-----------------------------------------------------
1- 2 | 12 13 16 21 11 18 24 22 ? 18 3
2- 3 | 9 10 9 9 ? 25* 32* 25 17 31* 29*
3- 4 | 5 6 11 18 10 28 20 14 13 12 23*
4- 5 | 13 5 5 13 23* 17 15 20 21 13 29
5- 6 | 19 10 18 29? 21 15 15 17 29* 18 9
6- 7 | 6 14 18* 17 18 17 12 26 17 16 12
7- 8 | 6 14 17 10 11 19 15 30 17 22 16*
8- 9 | 7 19 19 18 9 12 25 18 12 22 8
9-10 | 5 17 12 16 30* 32* 24 17 28 31? ?
10-11 | 14 13 22 17 37* 8 22 11 13 19 -
11-12 | 27* 25 21 19 10 16 15 11 18 23 16
12-13 | 22 27 43 34* 21 22 20 26 18 48* 38*
13-14 | 40 53* 56* 64* 30 32 36* 31 52* 106* 132*
14-15 | 71* 109* 68* 56* 35 37* 20 28 36 82* 74*
15-16 | 17 20* 14 20 13 17 18 22 16 31* 18
16-17 | 10 7 5 23 17 15 14 20 29 16 4
17-18 | 15 17 18* 21* 24 11 20 24 16 14 9
18-19 | 8 11 19* 9 8 6 11 32 18 19 14
19-20 | 4 6 23* 11 11 11 9 35 28 18 ?
20-21 | 10 8 21* 19* 24* 14 22 17 7 21 51*
21-22 | 28 23 15* 32* 14 13 24 17 39* 33* 36*
22-23 | 28* 19 13 25* 22* 16 17 24 23 23 19
23-24 | 12 18* 9 11 11 12 16 9 15 10 3
24-25 |
25-26 | 4 10 6 8 10 13 14 8 15 8 3
26-27 | 10* 6* 3 10 15 14 14 12 19 14 6
27-28 | 6 8 11 10 9 23? 6 15 22 10 22?
28-29 | 6 5 0 25* 9 11 12 21* 7 6 5
29-30 | 5 7 3 12 8 10 17 14 3 17 6
30-31 | 1 7 3 10 6 11 14 15 12 16 25*
31- 1 | 9 11 17 10 15 14 15 11 11 19 8
```

```
------+-----------------------------------------------------
1999 | 21h 22 23 00 01 02 03 04 05 06 07
Dec | UT
```

Notes:
. ? probably affected by sporadic-E, tropo, direct reception.
. * warning for relative high number of long duration reflections,
an indication for potential stream activity.
. local time = UT + 1 hour)

Maurice De Meyere

Location: Astronomical Observatory, University of Ghent, Belgium
(ED50 coordinates: 3 42' 32" E, 51 01' 25" N)
Antenna (2x): 4 elements horizontal Yagi, pointed East, elevation= 20 deg
Antenna amplifier: 10 dB gain
narrow band resonance lambda/4 antenna filter
Frequency: (1)=66.29 MHz (signal) and (2)=65.3 MHz (interference control)
Receiver (2x): modified commercial FM receiver
Data acquisition: 12 bits PC-based A/D convertor, 250 Hz sampling rate
Interference rejection:
dual setup: receiver (1) tuned at distant transmitter, receiver (2)
tuned at empty frequency. Anti-coincidence measurement rejects
registration of broadbanded spurious signals (lightning, computers,
ignition motors, etc).
Further information:
see WWW page (additional info + observational data)
http://allserv.rug.ac.be/~hdejongh/astro/meteor/meteor.html
Data format:
results are shown as total reflection time, expressed as
a percentage. The actual number shows 10 times this value.
When no figure is shown, the equipment was either out of service,
or results could have been affected by interference, sporadic-E.

```
-------------------------------------------------------------
| Dec 1999 | 10x % reflec. time | horiz: day | vert: time UT|
-------------------------------------------------------------
| 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
---+---------------------------------------------------------
0 | 44 35 27 38 23 70 49 48 58 53 46 73 82 266 268
1 | 47 68 57 60 99 51 47 45 78 85 74 85 103 224 246
2 | 62 38 58 106 45 66 51 80 44 104 66 70 91 185 138
3 | 60 63 80 103 71 89 76 70 68 57 67 84 106 205 121
4 | 80 78 144 87 72 117 110 71 59 77 50 99 93 264 128
5 | 67 147 113 97 82 88 40 60 76 114 57 110 108 205 100
6 | 70 57 116 78 64 64 80 82 125 90 72 87 174 273 163
7 | 81 47 130 95 50 66 37 65 55 81 72 100 293 147
8 | 41 62 37 52 43 34 34 22 70 69 82 133 218 89
9 | 29 45 40 98 71 75 38 55 19 64 55 120 59 131 96
10 | 40 35 67 90 56 43 27 31 28 64 39 52 39 53 71
```

```
11 | 34 27 56 68 55 47 21 35 22 31 63 35 44 57 42
12 | 16 20 82 49 27 33 37 20 31 20 53 33 66 17 30
13 | 42 60 27 60 33 17 27 12 35 19 30 29 28 13 27
14 | 13 16 39 34 28 24 17 12 12 19 27 36 19 21 24
15 | 15 15 19 21 29 15 14 13 7 27 20 25 23 69 56
16 | 17 23 52 22 14 12 11 17 11 21 20 28 48 111 36
17 | 19 33 23 21 34 35 14 39 19 26 32 62 105 131 33
18 | 43 32 25 38 29 27 21 25 28 39 38 47 98 203 49
19 | 66 30 32 33 35 37 37 34 27 36 42 36 188 226 51
20 | 55 44 45 42 45 63 50 46 35 48 63 46 214 372 36
21 | 60 45 73 50 67 74 52 47 50 71 92 69 318 436 59
22 | 74 45 49 48 42 51 61 74 83 81 79 106 363 449 52
23 | 37 34 42 31 28 55 43 66 44 47 73 96 273 288 44
---+------------------------------------------------------------
| 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

------------------------------------------------------------
| Dec 1999 | 10x % reflec. time | horiz: day | vert: time UT |
-----------------------------------------------------------------------
| 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
---+-------------------------------------------------------------
0 | 53 44 62 37 26 29 33 31 27 52 36 33 22 41 16 20
1 | 57 50 72 46 32 34 37 44 45 25 40 54 29 36 38 45
2 | 78 59 83 58 55 49 56 55 69 49 50 54 40 33 45 42
3 | 57 71 78 65 41 43 62 69 75 50 60 48 34 73 37 35
4 | 108 82 111 99 85 72 86 69 110 71 66 80 73 55 37 55
5 | 81 83 84 76 83 62 71 58 76 59 53 64 49 54 41 50
6 | 70 80 84 59 56 46 59 54 65 49 58 65 54 35 36 55
7 | 64 59 91 69 75 69 67 45 52 114 31 92 145 30 41 58
8 | 55 45 52 57 59 68 45 50 123 88 31 88 54 48 70 60
9 | 25 128 66 76 72 78 68 48 64 132 42 55 72 43 41 37
10 | 19 89 52 49 51 100 41 48 39 80 37 41 36 35 55 59
11 | 42 50 58 60 33 47 50 37 54 95 42 66 78 57 35 56
12 | 63 47 38 50 25 16 35 26 43 71 53 51 36 24 25 44
13 | 37 21 26 52 23 27 22 26 30 19 19 49 23 31 9 41
14 | 24 22 23 27 32 19 11 29 43 37 36 23 43 41 19 22
15 | 14 20 20 9 13 49 13 29 22 16 18 28 17 9 8 20
16 | 24 12 15 13 12 24 25 18 13 19 13 30 18 14 15 17
17 | 16 19 13 14 10 16 56 22 14 10 18 37 15 11 14 14
18 | 25 16 12 11 19 23 29 20 23 22 14 16 15 20 27 34
19 | 22 33 22 29 30 17 56 22 18 24 16 16 19 13 36 18
20 | 28 30 27 22 25 39 49 33 23 29 36 33 22 17 35 28
21 | 41 55 35 45 41 33 62 42 23 40 38 33 41 28 21 24
22 | 41 47 42 40 32 38 58 38 31 60 48 48 24 20 25 27
23 | 31 41 60 50 43 30 56 32 35 17 36 25 21 24 34 32
---+-------------------------------------------------------------
| 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
```

Notes:
. strong Geminids activity on December 14-15

Pierre De Groote

Observer: R.B. Minton
Location: Raton, NM (104 26' W, 36 54' N, 2000 m above sea level)
Frequency: 92.9 MHz
Transmitters: KTZA FM 100 kW, Artesia NM, dist 444 km, geogr azim 178 deg
KSPZ FM 53 kW, Color. Springs, dist 217 km, geogr azim 352 deg
KYBR FM ? kW, Espanola NM, dist 180 km, geogr azim 236 deg
???? FM ? kW, Juarez Mexico, dist 579 km, geogr azim 198 deg
KWFM FM 90 kW, Tucson AZ, dist 798 km, geogr azim 233 deg
Antenna: folded dipole, on 6.3 m high mast, oriented N-S
Receiver: Subaru 12 V DC car radio with digital tuning
Observing method: conditioned audio input in the game port of an IBM 386 SX-50 PC, 128 samples/second, DOS/Basic software, automatic

Total hourly counts

November 1999

Nov	UT																							
1999	0h	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	11	27	34	34	30	14	18	15	20	15	11	15	15	21	17	28	40	38	27	21	21	19	21	32
2	27	23	40	33	28	28	14	13	21	9	16	23	24	22	19	19	51	31	31	33	26	30	27	41
3	34	36	29	25	30	26	24	24	18	19	26	32	20	19	22	36	50	47	35	31	30	39	37	29
4	29	24	33	28	42	38	22	30	22	23	30	37	27	36	32	35	46	36	25	27	32	18	27	38
5	37	45	45	40	49	29	24	23	36	25	34	40	29	31	31	39	44	29	46	44	37	37	39	26
6	35	29	44	42	46	37	26	22	29	23	19	22	32	23	27	25	41	50	51	36	24	25	25	36
7	28	25	28	28	34	27	21	20	20	28	18	30	19	15	25	36	42	21	33	25	26	25	26	23
8	24	32	33	31	47	34	24	20	5	0	6	22	24	28	19	26	26	20	27	34	16	28	12	33
9	34	24	27	30	38	34	22	17	14	23	27	25	23	20	28	29	47	38	36	19	20	22	24	31
10	19	33	26	34	41	29	25	19	30	24	16	26	33	33	19	11	26	39	33	21	22	20	20	6
11	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	29
12	8	9	5	7	9	10	3	0	9	3	2	6	7	6	8	14	18	13	10	9	7	10	9	7
13	8	8	11	11	12	8	5	1	9	3	4	6	5	4	9	9	14	9	7	11	6	11	6	20
14	9	9	5	12	14	10	5	3	5	4	6	6	6	5	5	13	13	11	10	9	6	5	9	15
15	8	9	6	5	10	5	8	4	5	2	3	5	2	8	6	8	20	11	8	5	5	12	6	15
16	5	12	14	7	15	9	11	5	6	8	7	1	8	11	5	16	23	13	16	8	12	6	6	17
17	6	9	6	8	13	13	2	5	13	6	13	9	13	6	9	13	25	14	14	9	10	7	11	15
18	5	15	9	9	11	8	3	9	5	12	26	18	10	14	18	23	30	26	21	7	3	8	6	11
19	8	7	8	16	10	13	4	4	14	11	11	7	4	4	3	9	17	16	20	9	5	6	7	8
20	3	3	5	6	4	7	7	2	11	7	2	6	2	9	6	14	16	16	8	3	5	6	6	6
21	7	5	2	4	1	3	1	2	2	7	6	1	0	0	2	3	11	6	9	0	0	4	2	5
22	6	3	7	7	8	5	2	3	2	5	2	1	2	2	7	7	6	8	4	5	8	7	6	5
23	4	4	6	8	5	4	10	3	4	5	1	7	6	5	5	6	4	2	14	1	9	7	5	16
24	8	4	7	3	4	9	2	3	3	6	3	6	9	4	6	4	18	12	3	8	5	1	8	19
25	2	7	6	4	9	10	7	3	2	3	3	2	5	3	2	0	13	5	5	5	0	5	2	2
26	3	3	3	4	2	3	0	2	2	1	2	3	0	4	3	4	12	9	5	4	8	2	2	8
27	2	2	5	4	3	6	3	3	2	1	5	3	0	2	2	3	11	6	4	4	9	6	2	7
28	6	7	5	7	6	6	4	0	6	3	5	3	4	2	1	5	7	7	4	2	7	4	7	16
29	8	7	5	6	7	3	3	1	2	5	3	2	2	5	1	5	9	5	33	7	3	5	4	8
30	5	3	9	4	7	0	1	1	4	1	2	4	6	6	1	4	8	13	16	9	6	2	1	6

```
----+-------------------------------------------------------------------------
1999| 0h 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23
Nov| UT
```

Signal duration distribution for the above period

Duration (s)	Number
< 0.1	2953
0.1 to 0.3	2254
0.3 to 1	1790
1 to 3	1422
3 to 10	1104
10 to 30	310
> 30	13

Note:
. the numbers are lower since Nov 11 for an unknown reason

R.B. Minton

Observer: Sadao Okamoto
Location: Damine Meteor Observatory, Japan (137.53 E, 35.07 N)
Transmitter: HAM beacon (JA9YDB) for RMO (50 W CW, 53.7500 MHz) by
JA9BOH Kimio Maegawa. No modulation except for identification.
Antenna: 2 element Cross Yagi 4 dBi aiming to Zenith. Omni-directional
in azimuth and elevation above 15 deg elevation.
Location: Fukui-NCT at Sabae city (136.2 E, 35.9 N)
At present time about 10 observers are listing for
Kimio Maegawa's 53.75 MHz beacon.
Receiver: IC575
Antenna: 2 element Yagi, pointed to the zenith.
Observing method: FFTDSP software, manual count.

Hourly echoes over 10 dB SNR

```
1999
Nov|00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23LT
Nov|15 16 17 18 19 20 21 22 23 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14UT
---+-------------------------------------------------------------------------
1|23 45 37 52 48 44 45 50 37 23 26 28 23 18 17 13 16 11@21 n n 32 33@38
2|26 39 61 45 30 28 32 35 42 37 21 n n n e@14 10 8 13@13 e 38 44@36
3|30 50 51 53 54 52 43 30 n@18@15 n n 12 n n@13 n@10 n@13 33 39@44
4|40 45 58 51 40 51 51 36 35@21@21 16 12 16 14 e n 11 15 15 25 32 42@28
5|37 34 55 62 38 57 38 37 19 17 20@12 n 7 n n n n 13 16 23 26 n@24
6|35 46 55 52 42 41 44 35 36 n 34@18@20 e e@15 n -- 14 24 25 26 29@40
7|29 48 55 58 53 45 55 55 31 31 25 24 18 18 10 18 17 12 11 11 24 33 34@30
8|30 56 45 51 60 34 52@46 e e n e e e 10 14 n n n@18 17@18 27@42
9|33 53 46 52 38 43 47 e n 26 31 n n n 9 10 13 10 11 12 23 33 53@31
10|46 50 51 50 56 49 58 41 22@16 n n n e n n e e e e 19 36 52@46
11|34 51 53 63 67 54 54 48 43 29 18 20 n n n n@13 @5 n n@33 n 29@21
12|44 46 48 57 56 48 43 48 40 42 41 26 20 23 n n 11 13 n@12 23 n 41@36
13|24 26 51 50 54 49 46 45 29 25 18 12 4 3 5 8 13 9 22 18 18 27 35@43
```

```
14|25 46 56 41 56 50 47 42 44@21 n 37 19@30 n 28 13 n n n 17 30 34@33
15|42 46 48 56 60 50 35 42 33@26 n 33 28 19 25 11 19 9 5 15 25 38 39@21
16|36 46 42 37 49 43 39 34 31 17 21 n n 10 n n n n n n n@21 39@25
17|29 50 46 51 56 33 66 53@40 n n n n n n@14 5 13 12 13 26 42 39@26
18|40 48 49 59 36 63 56 64 58 58 86102 19@16 7 11 8 9 12 13 23 38 39@46
19|40 65 81 92 81 55 72@49@45 37 21 19 8 3 11 12 11 17@18 e e 32@24@16
20|32 55 45 57 68 67 53 64@48 n 12 19 22 23 8 @6@11 7 12 14 21 27 55@46
21|41 51 63 48 68 54 59 57@33 n n n n n n n n n@18@16 13 35 50@28
22|37 40 54 61 60 67 51 47 37 n@20@15 14 19 9 11 10 8 11 15 20 26 35@22
23|40 39 43 55 47 51 56 e e n@39 25 18 25 11 12 11 14 9 15 16 26 39@45
24|44 42 39 55 57 55 58 e e e e n 16 24 e e n 4 11 9 n@28 47@33
25|27 48 47 66 50 52 31 42 e@27 31 17@21 e @6 @6 @9 n @9 7 23 34 43@30
26|31 34 59 48 52 49 46 33@21 28 n@21@24@24@12 10 n n@13 7 18 35 39@30
27|34 41 56 49 43 52 56 35@36 n n 14 n n n e n n 14 11 25 42 47@43
28|40 41 59 76 55 59 54 59 41 44 21 23 25 n 23 12 15 10@12 24 20 44 43@26
29|17 54 64 65 61 50 45 28 20@24 n n n n@10 7 14 8 13 15 25 32 42@42
30|47 50 85 66 62 63 53 59 46 29 20 17 13 24 19 11 11 8 9 15 25 34 44@46
---+--------------------------------------------------------------------------
Nov|15 16 17 18 19 20 21 22 23 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14UT
Nov|00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23LT
1999

Hourly echoes over 10 dB SNR
1999
Dec| 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23LT
Dec| 15 16 17 18 19 20 21 22 23 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14UT
---+--------------------------------------------------------------------------
1| 44 51 77 73 58 61 68 53 44 37 17 16 15 27 -- -- 16 10 n 10 22 41 45 --
2| 44 43 66 63 74 58 59 50 45 43 36 40 29@34@15 e e 9 18 9 12 37 45@49
3| 17 22 46 51 46 53 29 41 17 n n n n n n n n 11 15 10 29 51 44@60
4| 54 63 65 73 92 65 71 40 e 30 27 26 22 19 n n e @6 15 13 22 20 32@48
5| 34 59 54 56 62 71 68 61 57 n n@33 30@30 n n e e 8 13 27 33 40@31
6| 30 47 54 80 67 65 55 57 40 39 27 15 5 9 11 e@10 11 13 14 16 30 28@36
7| 43 48 69 92 73 54 41 40 27 n n n n n n 8 5 4 13 12 21 20 32@32
8| 39 52 61 51 56 71 58 53 22 19 19 n n n n n n 11 14 26 22 41 53@54
9| 68 57 69 97 55 67 65 73 51 34 29 25 23 18 14 20 17 11 19 33 21 53 53@48
10| 58 51 58 79 83 71 75 60 n 30 n n n n n n 17 9@10 28 33 49 72@84
11| 54 53 73 86 78 90 82 70 e 46 33 29 n n n n n@12 n@10 33 33 46@39
12| 56 46 82120 91 85 65 78 50 n n n n n n n@13 9 23 30 49 73 86@99
13| 85 48122143104 93 86 85 38 40 33 37@31 33 17 13 15 13 22 27 75 78 96@141
14|130 591511811591181l7@84 e e n n n n n n n n@21@35 58 93 97@136
15|168 74165194166123 97 98 83 50@27 n 23 e e e n n n@27 35 52 54@54
16| 57 37 67 71 67 72 53 58 43@38@22@20 n n n n n n n 9 33 39 38@64
17| 49 49 53 58 54 61 63 56 47 37 31 27 30 38 21 15 9 9 16 9 19 29 45@34
18| 32 25 36 36 38 48 62 47 30 41 43 28 21 19 11 16 18 8 9 8 10 29 28@32
19| 38 26 40 47 42 56 45 52 56 24 30 42 35 13@15 -- 9 10 19 15 31 31 31 --
20| 41 44 57 64 67 70 82 61 24 25 n n n n n n @6 6 15 11 25 30 34@34
21| 37 50 48 50 55 57 70 61 45 36 15 11 12 12 13@12 7 10 15 10 17 33 40@32
22| 45 54 62 62 54 50 62 60 50 24@24@12 n n n n n 7 8 11 9 32 27@45
23| 31 40 51 52 58 58 68 69 30 18@15 n n n n n n 7 13 13 17 45 29@24
```

```
24| 26 42 37 49 47 48 49 53 37 39 15 23 12 11 11 11 11 7 5 10 20 34 29@28
25| 44 47 49 44 44 50 52 48 35 29 n n n @8 9 e e n @9 12 27 23 49@44
26| 34 41 70 64 48 71 59 54 40 18 17 11 n n n n @6 6 10 14 26 26 35@37
27| 37 52 51 51 57 69 70 64 33 20 n n n n n n @7 11 13 7 14 27 28@36
28| 38 47 40 61 54 58 62 47 57 34 20 n n n n n n 8 10 6 22 37 34 --
29| 42 44 61 43 48 62 62 57 41 21 13 16 14 12 10 6 6 10 12 12 25 24 28@25
30| 31 47 56 39 49 63 53 59 42 31 n n@12 10 23 7 8 18 9 7 19 35 43@45
31| 35 45 45 52 58 56 62 47 55 25 33 28 23 14 n n 5 8 10 14 13 27 39@34
---+--------------------------------------------------------------------------
Dec|15 16 17 18 19 20 21 22 23 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14UT
Dec|00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23LT
1999

Echoes with duration > 5 s
1999
Nov|00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23LT
Nov|15 16 17 18 19 20 21 22 23 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14UT
---+--------------------------------------------------------------------------
1| 1 1 3 4 2 6 5 2 1 1 2 2 1 1 1 2 1 2
2| 4 6 1 1 1 3 2 3 1 3 1 1 2
3| 1 2 4 4 1 4 4 1 1 2 1 1 1 2
4| 1 3 1 1 3 2 3 2 1 2 3 2 1 1 3
5| 3 2 6 6 2 3 6 1 2 1 1 1 2
6| 1 1 8 5 3 3 9 4 1 1 1 1 1 1 4
7| 2 4 3 3 3 4 6 2 3 1 2 1 1 1 1 1 1 1
8| 2 6 2 2 3 2 9 1 2 1 1 3 2
9| 1 3 2 5 3 4 4 2 2 1 1 1 1
10| 3 3 3 2 1 1 2 5 3 1 2 1
11| 1 4 1 7 6 4 8 3 3 2 1 1
12| 1 6 3 2 5 1 2 3 4 1 3 1 1 1 2 1 1
13| 1 3 7 3 1 5 5 2 6 1 1 1 1 1 1 3
14| 4 6 1 9 3 4 2 5 2 1 1 1 1
15| 1 2 3 4 4 2 1 1 2 1 1 2 1 1 1
16| 2 1 4 2 1 4 3 5 2 1 1
17| 2 4 7 4 3 2 3 1
18| 4 4 2 3 7 6 11 22 10 15 14 11 4 1 4 1
19| 3 8 10 16 13 12 20 2 6 3 3 1 1 1 1 1
20| 2 1 4 5 3 7 4 1 3 1 1 1
21| 3 1 2 6 8 4 2 1 2
22| 3 1 6 1 3 8 2 2 1 2 1
23| 1 5 3 3 1 4 3 3 4 1 1 1
24| 1 2 5 2 4 3 1 2 1
25| 1 1 3 1 1 2 1 1 1 1 2
26| 1 1 1 2 2 2 1 1 1
27| 1 2 6 1 2 1 2 3 2
28| 1 2 4 5 1 4 3 3 3 2 2 1 2 2 1 1 3 1
29| 2 3 3 4 3 3 1 2
30| 1 3 3 6 3 1 3 3 1 3 1 2 1 1 1 1
---+--------------------------------------------------------------------------
Nov|15 16 17 18 19 20 21 22 23 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14UT
```

```
Nov|00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23LT
1999

Echoes with duration > 5 s
1999
Dec|00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23LT
Dec|15 16 17 18 19 20 21 22 23 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14UT
---+------------------------------------------------------------------------
1| 2 3 10 5 2 5 6 6 2 2 2 1 1 3 1
2| 4 1 5 6 1 2 3 4 1 2 2 1 1 1 2
3| 2 1 2 6 4 5 6 1 1 2 1
4| 2 6 4 7 4 3 1 3 1 1 2 1 2
5| 3 3 5 9 3 7 9 9 7 3 1 1 2 1 1
6| 3 5 4 8 5 6 5 3 1 3 1 2 1 1 2
7| 1 5 3 8 10 13 7 4 4 1 1 2 1
8| 4 3 7 8 7 7 6 5 3 1 1 2 1 4
9| 3 2 8 11 2 11 6 12 8 1 5 2 5 2 1 3 1 5
10| 8 5 8 10 6 4 11 11 5 1 1 8 10
11| 8 5 10 10 9 6 8 9 4 3 1 2 3 4 4
12| 6 5 6 14 3 6 4 8 5 1 2 1 9
13|14 1 16 17 14 11 5 12 1 4 4 1 3 1 1 1 3 7 9 12 14
14|30 1 28 51 28 21 24 17 3 1 4 12 19 32
15|61 22 57 86 78 43 33 19 18 7 3 1 1 2 5 3 1
16| 6 2 7 7 6 8 5 6 6 1 1 2 3
17| 3 3 5 8 8 5 4 1 6 1 1 1 3 1 1 1 1 1 1
18| 4 4 4 2 5 7 5 2 2 1 1
19| 2 1 1 4 3 4 4 7 7 2 2 3 2 1 1 1 1 1
20| 1 5 4 4 5 10 10 12 3 1 1 1 1
21| 4 7 2 2 7 3 11 4 3 5 1 1 1 3 1 1 2 1
22| 2 5 2 7 3 3 5 3 4 2 1 1 1 1 3
23| 2 3 4 4 5 9 14 7 4 1 2 1 1 1 1
24| 2 4 2 4 3 3 4 6 4 3 2 1 1 1 4 1 2 1
25| 2 3 3 4 5 4 8 3 4 1 1 1 2 2 1
26| 1 1 8 6 5 4 8 4 4 1 1 1 1
27| 3 4 3 4 2 5 11 9 5 1 1 1
28| 4 3 4 2 2 6 8 6 2 2
29| 2 3 4 2 6 7 6 4 1 2 1 3
30| 1 2 4 4 3 4 4 5 6 1 1 1 1 1
31| 1 1 1 2 3 4 4 2 3 2 2 3 1 1 2 1 2
---+------------------------------------------------------------------------
Dec|15 16 17 18 19 20 21 22 23 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14UT
Dec|00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23LT
1999

Echoes with duration > 20 s
1999
Nov|00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23LT
Nov|15 16 17 18 19 20 21 22 23 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14UT
---+------------------------------------------------------------------------
18| 1 2 2 3 5 6 6 7 1
19| 1 2 2 3 6 2 7 2 3
```

Daily rate of long echoes (duration > 20 s)

1999
Nov 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

Count 2 4 2 1 0 3 0 4 4 1 3 3 1 3 3

Nov 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

Count 1 3 33 28 4 3 4 2 2 1 2 0 5 0 3

Dec 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

Count 1 1 1 1 5 1 4 6 7 4 3 1 4 7 9

Dec 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

Count 5 8 1 2 3 6 4 8 2 5 2 3 4 1 2 3

Notes:
. Leonids outburst was observed on Nov 18, at 02h UT and from 16h UT
to 21h UT
. the peak of Geminids activity was observed on Dec 14, 18h UT.
-: lost counts because of high noise level or machine failure.
@: hourly rate estimated by effective observation time less than 60 min.
n: contamination due to radio noise or interference.
e: contamination due to sporadic E opening.
f: no data available due to TX or RX failure.
LT = local time = JST = UT + 9 hours

Sadao Okamoto

Observer: Ton Schoenmaker
Location: Roden, Netherlands (06 26' E, 53 08' N)
Frequency: 55.274 MHz
Transmitter: Spanish TV channel E3 (video); transmitters in La Muela (30 kW),
Gamoniteiro (50 kW) and Aitana (60 kW); all stations within
100 Hz of nominal frequency; distance 1650 km
Antenna: 4-element horizontal Yagi, geographical azimuth 105 degrees (ESE),
elevation 15 degrees
Receiver: Yupiteru MVT-9000 in FM mode; sensitivity 0.5 uV at 12 dB S/N
Observing: audio (noise) signal from ear-phone socket was rectified and
recorded with a Servogor stripchart recorder with a chart speed
of 120 mm/hour

In the table below the uncorrected hourly counts for signals stronger than
0.1 uV are given. The activity on 21/22 December may be considered to be
caused by sporadic meteors.

| December 1999
UT | 12 13 14 15 16 21 22
---+---
00 | - 162 189 162 50 - 36

```
01 | - 98 158 73 43 - 50
02 | - 58 97 45 42 - 50
03 | - 69 96 43 33 - 48
04 | - 70 116 57 39 - 40
05 | - 50 103 47 30 - 39
06 | - 59 98 41 - - 53
07 | - 49 106 30 - - 35
08 | - 55 115 20 - - 25
09 | - 53 74 34 - - 30
10 | - 33 54 26 - - 35
11 | - 19 24 18 - - 26
12 | - 12 26 21 - - 21
13 | - 7 23 9 - - 13
14 | - 6 12 10 - - 11
15 | - 3 5 2 - - 9
16 | - 9 15 3 - - 12
17 | - 22 26 7 - - 12
18 | - 62 63 13 - - 9
19 | 99 136 94 25 - - 18
20 | 117 152 124 27 - - 25
21 | 154 166 177 40 - - -
22 | 176 199 197 58 - 35 -
23 | 186 214 195 63 - 54 -
---+--------------------------------------------------
UT | 12 13 14 15 16 21 22
| December 1999
```

Note:
. The somewhat uncommon geometry described above (receiving antenna pointing perpendicular to the directions of the transmitter) resulted in a peculiar observability functions, so the counts are difficult to interpret in terms of Geminids activity. Apparently the observability function peaks at about 23h UT when the main lobe of the 4-element yagi points to the radiant of the Geminids.
The highest activity occurred on 13/14 December 1999 with counts of about 4 times the sporadic level. For the midpoint between The Netherlands and Spain the setting and rising of the radiant occurred at 11h30m and 15h30m UT respectively.

Ton Schoenmaker

Observer: Pierre Terrier
Location: Canet, France (3 36'E, 43 41' N)
Frequencies: 102.5 MHz
Transmitter Location: Several, which complicates things!
Antenna: 5-element Yagi FM, horizontal polar.
astronomical azimuth 90 deg (W), elevation 20 deg.
Receiver : FM Tuner Kenwood KT-54 L
Observing method: Electronic interface on LINE output audio signal are fed in COM1: of Laptop 486.

METEOR v 2.05 processes the signal and records on hard disk the
time of the events.
METEOR parameters: SAMPLING = 120, THRESHOLD = 0.8, DELAY = 30 s

| Dec 1999
UT | 3 4 5 6 7 8 9 10 11 12 13 14 15
---+---
0 | 0 2 0 0 0 0 5 0 5 3 5 5 4
1 | 0 1 1 0 0 1 1 3 4 4 3 8 6
2 | 0 0 1 1 0 0 1 3 6 1 4 9 3
3 | 0 2 0 0 0 0 0 0 6 4 8 4 2
4 | 0 1 1 1 1 1 3 2 16 42 9 8 5
5 | 0 2 2 2 2 1 7 8 11 46 20 24 12
6 | 0 5 0 1 2 6 5 5 16 97 32 30 19
7 | 0 1 2 1 3 1 2 7 16 69 22 24 15
8 | 0 1 0 - 2 1 0 3 10 42 10 21 10
9 | 0 3 0 - 1 4 3 4 5 84 7 10 7
10 | 0 0 0 - 3 2 1 5 2 81 8 6 4
11 | 0 0 1 - 3 3 1 10 1 9 4 1 2
12 | 0 1 1 - 0 0 1 0 3 1 1 5 4
13 | 0 0 1 - 0 2 3 9 3 5 6 5 2
14 | 0 0 1 - 5 1 1 3 3 7 2 2 3
15 | 0 0 1 1 12 0 3 3 2 1 5 0 5
16 | 0 0 0 1 0 0 5 7 3 3 3 1 0
17 | 1 2 1 2 0 1 1 4 7 2 5 10 0
18 | 9 1 0 0 1 1 9 5 4 7 15 13 0
19 | 7 0 2 1 1 1 8 5 6 13 11 13 0
20 | 4 1 0 2 1 1 7 6 7 1 11 13 0
21 | 10 0 1 1 5 0 3 5 7 9 6 11 0
22 | 2 0 0 2 2 5 3 3 9 6 6 5 0
23 | 6 3 0 1 0 4 3 2 12 2 4 9 0
---+---
UT | 3 4 5 6 7 8 9 10 11 12 13 14 15
| Dec 1999

| Dec 1999
UT | 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
---+---
0 | 2 2 3 5 2 2 3 83 6 4 4 6 11 5 7 3
1 | 5 1 1 5 3 5 3 74 2 5 6 2 5 3 4 6
2 | 2 3 5 5 4 2 5 145 2 2 2 5 12 3 4 4
3 | 5 3 4 0 4 5 6 91 7 6 8 7 11 8 6 7
4 | 7 5 9 5 7 5 10 34 6 4 5 7 9 4 9 5
5 | 5 2 7 1 8 5 9 45 6 9 4 6 7 7 8 6
6 | 4 8 10 4 1 10 18 7 11 5 11 7 11 10 11 7
7 | 2 4 9 5 5 5 5 4 5 4 5 3 10 2 4 6
8 | 4 8 3 5 6 13 15 11 12 10 8 3 8 5 14 10
9 | 4 9 5 3 10 2 1 3 6 3 3 0 13 9 12 9
10 | 1 7 1 4 4 8 4 9 6 2 3 0 6 8 13 12
11 | 7 1 1 4 3 2 9 8 10 5 7 0 6 11 11 10
12 | 1 0 1 1 2 3 6 5 7 2 4 0 9 5 13 7

```
13 | 5 2 4 7 1 2 12 9 8 6 5 0 10 3 6 5
14 | 1 0 2 0 4 1 6 4 8 5 5 0 7 7 5 5
15 | 1 3 2 4 4 8 34 5 4 6 8 0 6 5 13 4
16 | 6 1 3 5 3 9 35 7 1 2 7 0 1 8 10 12
17 | 3 3 1 4 1 6 41 4 4 2 4 0 8 8 4 4
18 | 4 0 2 2 2 3 60 23 3 1 8 0 5 11 8 3
19 | 2 5 0 3 0 20 25 4 2 2 2 0 1 3 7 5
20 | 2 7 2 6 2 22 31 8 9 3 7 0 8 4 8 6
21 | 7 2 4 4 3 4 132 12 2 0 3 0 3 4 17 1
22 | 1 6 3 4 2 5 92 4 5 0 5 0 8 0 5 5
23 | 1 0 3 0 2 2 42 4 3 7 4 0 6 0 1 3
---+------------------------------------------------------------
UT | 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
| Dec 1999
```

Pierre Terrier

```
Observer: Garfield Tsao (BM2EQB)
Location: LonTan Observatory
LonTan, TauYan, Taiwan R.O.C. (121 14'37" E, 24 52'54" N by GPS)
Frequency: 50.0169 MHz USB mode 3 kHz width.
Antenna: Comet made 50MHz Yagi HB 4 element (gain 10.3 dBi)
astronomical azimuth 225 deg (=NE), elevation 7 deg.
Transmitter: MIYAZAKI University Japan, USB mode, 50 W (24 hours),
distance about 1125 km from Lon Tan.
Receiver: Icon PCR-1000 computer controlled all band receiver
Sensitivity: 0.25 uV for 10 dB S/N for USB mode
Observing method: the beacon 860-890 Hz voice signal (by FFTDSP) is
received by a low frequency filter (850 Hz)and fed into
the D/A converter and computer in real time.
Data sampling system: using an 8 bits A/D card to PC/AT and Qbasic program
with 1/8 second sampling interval to store the> 1.0 s reflections.
```

November 1999: Leonids

```
1999|00h01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23LT
Nov|16h17 18 19 20 21 22 23 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15UT
----+------------------------------------------------------------------------
16 | - - - - - - - - - - - - - - - - - - - - - - - - 11
17 |20 19 14 5 21 32 37 28 34 30 26 31 13 8 15 9 9 10 11 5 9 11 9 7
18 | 6 17 9 9 14 30 45 47 56119 112 36 - - - - - - - - - - - -
```

```
Notes:
. "E" mark= E layer propagation and E layer sporadic of reflection.
. Nov 17, 9h LT interference by background noise
. long and strong echoes:
Nov 17 11 h 06 m 10 s LT echo > 20 dB
11 h 29 m 10 s LT echo > 25 dB
Nov 18 05 h 40 m 40 s LT echo > 20 dB
06 h 42 m 00 s LT echo dur > 60 s
07 h 08 m 00 s LT echo dur > 120 s
```

08 h 47 m 40 s LT echo > 20 dB
09 h 44 m 30 s LT echo > 20 dB
10 h 19 m 40 s LT echo dur > 60 s
11 h 13 m 10 s LT echo dur > 240 s

Garfield Tsao

Observer: Ilkka Yrjola
Location: Finland (26 35' E, 60 54' N)
Frequency: 88.8 MHz ?
Receiver: Salora SRP-22 modified, narrow band FM (B=15 kHz)?
detected signal level >-122 dBm.
FM detection, no pulse noise rejection required.
Antenna: 2-el. Yagi, G=4 dBd to SW, azimuth 45 deg (SW), polarisation H.
Data sampling system: threshold triggering, sampling rate 32 ms.
Computer logs total hourly elapsed reflection time, number of
triggers for the hour, the longest time the signal was
continuously above detection level for the hour.
Data on major showers available in the Compact MS-Soft format.
Software for viewing available from
www.saunalahti.fi/~oh5iy/radio50.zip (754 K).

Geminids 1999

Meteor counts in one hour intervals starting at:

UT	12 Dec	13 Dec	14 Dec	15 Dec
0h	319	694	677	776
1	295	311	425	503
2	333	278	351	374
3	698	334	658	467
4	398	655	1027	547
5	712	721	1105	688
6	408	682	1194	617
7	451	632	1151	582
8	412	480	770	442
9	281	398	502	458
10	205	397	373	293
11	295	332	359	226
12	267	?	334	264
13	257	?	318	310
14	184	?	299	271
15	215	353	490	229
16	260	440	590	288
17	299	636	779	247
18	350	794	862	336
19	345	898	959	622
20	529	982	1078	311
21	709	1126	1174	287
22	569	1152	1151	325

```
23 | 569 1182 877 369
----+---------------------------------
UT | 12 Dec 13 Dec 14 Dec 15 Dec
```

Ursids 1999

Meteor counts in one hour intervals starting at:

```
UT | 20 Dec 21 Dec 22 Dec 23 Dec
----+---------------------------------
0h | 168 172 199 213
1 | 183 162 259 216
2 | 192 200 199 179
3 | 211 156 165 183
4 | 207 232 216 203
5 | 263 252 271 236
6 | 321 274 293 301
7 | 240 333 276 267
8 | 307 483 278 261
9 | 229 379 336 190
10 | 351 220 290 247
11 | 415 400 304
12 | 287 472 266
13 | 241 619 208
14 | 215 193 159
15 | 151 179 175
16 | 159 150 141
17 | 155 149 155
18 | 141 245 219 155
19 | 190 170 186 160
20 | 197 198 279 174
21 | 168 239 285 235
22 | 189 242 270 225
23 | 183 235 306 177
----+---------------------------------
UT | 20 Dec 21 Dec 22 Dec 23 Dec
```

. tropo on Dec 22, 11h - 18h UT

Ilkka Yrjola

2. ABOUT THE RMOB

The RMOB is an independent initiative of some workers in the field of radio meteor scatter observations and data reduction. It started in August 1993 in order to spread rapidly the Perseid results via E-mail. Since then, it has appeared monthly, and it has gradually been expanded. In regularly publishing summaries of observations, potential radio observers are kept up to date of existing installations, possibilities and limitations of radio meteor observations. In the long run, there should be sufficient observing stations to cover the whole globe, allowing to detect stream outbursts which may remain unnoticed visually.

RMOB contains typically: summaries of recent observations, equipment data, first results of stream activity by radio methods, relations between radio and optical meteors, references to other publications in the field of meteor astronomy and radio scatter techniques, announcements of meetings, short questions and answers, non-commercial (second hand) sale of radio equipment, available software.

Contributors are mentioned, and interested persons are asked to contact them directly.

RMOB can be copied freely in unabridged and unmodified form. Extracts should indicate the source (Radio Meteor Obs Bulletin, month and year).

If you want to subscribe (or un-subscribe) to the E-mail distribution list, please send a message to C. Steyaert.
Those not having access to E-mail can obtain a printed copy free of charge from J. Van Wassenhove (current or back-issues).

3. ANNOUNCEMENTS: French frequency list, COLORGRAMME METEOR

Date: Fri, 17 Dec 1999 08:17:44 +0100

Hi METEOR user,

If you are in Europe and radio-meteor observer see this web address for the french frequency of the transmitter in France :

http://www.brume.org/radios/

Date: Sun, 19 Dec 1999 12:28:54 +0100

Hi METEOR soft user!

I am happy to announce you the creation a new software, that is going to help you in the visualization of your data.
COLORGRAMME METEOR is a Windows 95/98 (free) application especially for meteor observers! For more info, go to:

http://membres.tripod.fr/meteor_astro_elec/us/color.html

Regards,

Pierre TERRIER

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Ilkka Yrjola
Jukolantie 16, FIN-45740 Kuusankoski, Finland
E-mail home: oh5iy@sci.fi
http://www.sci.fi/~oh5iy/

Call: OH5IY, packet radio: OH5IY@OH5RBG.#KVL.FIN.EU

--
Christian Steyaert (RMOB9912) 8 January 2000
--

104. LEGAL C`A`B`L`E TV D`E-S`C`R`A`M`B`L`E`R 6845

Newsgroup: rec.radio.amateur.space
Date: 2000-01-08 00:00:00 UTC
From: hvughw@sdfsdf.com
Message-ID: <_OLd4.22407$J%4.9835@dfiatx1-snr1.gtei.net>
Source record: 10638
Cross-posted to: rec.radio.amateur.space,gay-net.guide.weltweit
Body handling: 1 long encoded or obfuscated payload line was not displayed

LEGAL CABLE TV DE-SCRAMBLER

Want to watch Sporting Events?--Movies?--Pay-Per-View??

*This is the Famous R-O Shack TV Descrambler
You can assemble it from Radio Shack parts for about $12 to $15.

We Send You:
1, E-Z To follow Assembly Instructions.
2. E-Z To read Original Drawings.
3. Total Parts List.

**** PLUS SOMETHING NEW YOU MUST HAVE! ****
Something you can't do without.

THE UP-TO-DATE 6 PAGE REPORT:
USING A DESCRAMBLER LEGALLY

Warning: You should not build a TV Descrambler without
reading this report first.

Frequently Asked Questions--CABLE TV DESCRAMBLER

Q: Will the descrambler work on Fiber, TCI, Jarrod
and satellite systems?
A: The answer is YES. In respect to satellite,
you just get more stuff! There is one exception:
The descrambler will not work with DSS satellite.

Q: Do I need a converter box?
A: This plan works with or without a converter box.
Specific instructions are included in the plans for each!
Q: Can the cable company detect that I have the descrambler?

A: No, the signal descrambles right at the box and does
not move back through the line!

Q: Do I have to alter my existing cable system,
television or VCR?
A: The answer is no!

Q: Does this work with my remote control?
A: The answer is yes. The descrambler is
manually controlled--but very easy to use!

Q: Can you email me the plans?
A: No the program comes with an easy to follow picture guide.

Q: Does this work everywhere across the country?
A: Yes, everywhere in the USA plus England,
Brazil, Canada and other countries!

Q: Is this deal guaranteed?
A: Yes, if you are unhappy for any reason we will refund your money.

Q: When I order, when will I get my package?
A: We mail out all orders within 24 hours of receiving them.

Q: How much does it cost to get the instruction
plans, the easy to follow diagram, and most
important of all the "Using a Descrambler LEGALLY Report".
A: You get the complete 6 page report and instruction package all for just--$10.00

Q: How do I order?
A: Fill out form below and send it, along
with your $10.00 payment to:

Cabletron FREE-TV
12187 S. Orange Blossom Trail #116
Orlando Fl 32837

(Cash, Check or Money Order.)

(Florida residents include 7% Florida State Sales Tax)

(All orders outside the U.S.A. add $5.00)

PRINT YOUR:

NAME_____

ADDRESS_____

CITY/STATE/ZIP_____

E-MAIl ADDRESS_____

We are NOT ASSOCIATED in any way with RADIO SHACK.
Neither the design nor instructions were developed
by, are sold by, or are endorsed by Radio Shack.
Parts for this fine-tuning device are available
at many electronics stores (including Radio Shack)
This is not a Radio Shack product.

[Long encoded or obfuscated payload not displayed]

105. Re: The END of Ham Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-01-08 00:00:00 UTC
From: Bill <kg8aw@ismi.net>
Message-ID: <38779CCB.FA32D1DE@ismi.net>
Source record: 10639
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

Just took and passed my EXTRA written today, so if your
getting out, send me a list of the goodies. PS. I have no
use for a CW key)

jdaggett@gate.net wrote:
>
> On Fri, 07 Jan 2000 23:07:51 GMT, dana <dana@randomc.com> wrote:
>
> *i couldn't agree with you more, and think i just might sell out, they are
> *just giving the bands away, but one thing, at least they are keeping some
> *code, that will still keep some of the cbers out, but 75 meters allready
> *sounds like 11 meters anyway. i got my extra back in 1989, and passed all
> *the code requirements, and i am blind on top of all that.
> **********
>
> The code provision had to remain due to treaty. The ITU requires that all
> amatuer licensees operating under 30MHz must have proficiency in code. The ITU
> does not mention at what level is considered proficient. I got my Tech class
> license in 1977 and the 80 M band was not any better than it is now. I also have
> a BSEE degree and feel that element 4A and 4B are easier than many of the EE
> classes that I took. I just see no need for element 1B, and 1C. To me it does
> not mean I will operate on 3890 KHz any better or worse. Besides to operate on
> 80M phone you must have to operate with a general class license or higher. Until
> 4/15/2000 that still requires a minimum of 13WPM code. If I were to try and draw
> some conclusion from you post, it may seem that as one becomes more proficient
> in code, one becomes a better operator. BUt at this time I will try and refrain
> from such endeavor.
>
> regards
> james
>
> **********
>
> *On Fri, 7 Jan 2000, njvets wrote:
> *
> *> Date: Fri, 07 Jan 2000 14:22:10 GMT
> *> From: njvets <njvets@skyweb.net>
> *> Newsgroups: rec.radio.amateur.antenna, rec.radio.amateur.equipment,
> *> rec.radio.amateur.space, rec.radio.amateur.misc,
> *> rec.radio.amateur.policy, rec.radio.cb, rec.radio.scanner,
> *> rec.radio.shortwave
> *> Subject: The END of Ham Radio
> *>

> *> Yes indeed, its all in the best interest of Ham Radio..sure it is! Look
> *> guys, it has nothing to do with the CW requirement. I am 110% in favor of
> *> the CW requirement, but the truth is Ham Radio began its demise when the FCC
> *> stopped conducting exams. We all know that the VE system is of questionable
> *> integrity. You can read about bogus testing sessions every month in QST and
> *> other Ham rags. And those are only the ones that got caught! Just think,
> *> now any half brain dead idiot can go into a VE session, conducted by his
> *> buddies, take a 35 question exam, which he already knows the answers to, and
> *> come out an Extra! And this is GOOD for Ham Radio! Somebody explain that to
> *> me. Or should I say "rationalize" that to me. I may not be the nicest or
> *> smartest Ham in the world, but I'm sure not stupid either. This is
> *> definetly The End of Ham Radio. Do you really want to be associated with
> *> persons holding Extra tickets who do not know the difference between a 9
> *> volt battery and an oak tree?
> *> I don't.
> *> I guess I must be confused, but I always thought if I EARNED something, it
> *> would have value to me and I would respect and take care of it. How much
> *> value can you place in an amateur radio license that is easier to get than a
> *> parking ticket?
> *> Good bye Ham Radio, it was nice knowing you.
> *> K2TL
> *>
> *>
> *>
> *>

--
This message was sent using 100% recycled electrons.

106. Re: The END of Ham Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-01-08 00:00:00 UTC
From: "Daniel J. Morlan" <dmorlan@ca.freei.net>
Message-ID: <8599kalma1@newssrv2.hrz.uni-oldenburg.de>
Source record: 10640
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

> You apparently suffer from a lack of self-esteem.
>
> If YOU are a courteous operator with wide, deep technical knowledge,
> then YOU are a valuable radio amateur. One could match my description and
> hold a General license or below, or even no amateur license at all if you
> worked, say, in military or commercial communications.
>
> But it seems that this isn't enough for you. You crave that piece of paper
> which says "Advanced" or "Extra" on it, not because of what YOU are and
> what YOU have accomplished, but rather because of the mark the LICENSE
> PUTS ON YOU, because of the "specialness" it confers on you, because of
> the "distinction" which you believe it will afford you.
>
> If that's all you want, just have a fancy, official-looking embossed piece
> of paper framed and put on the wall next to your $3000 general-coverage
> receiver. Only a tiny handful of people will know the difference.....
>
> +-------------------->
> | Nick Geovanis
> | IT Computing Svcs
> | Northwestern Univ
> V n-geovanis@nwu.edu

While scalding, that was very well said Nick. I indend to get my license someday. This is a very VERY new interest of mine, and I go into this interest late in life at the ripe old age of 26. I'm going to be taking some electronics classes at a community college in the meantime. Your remarks while scalding, are well said...

107. Re: The END of Ham Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-01-09 00:00:00 UTC
From: 2w8ji@contesting.com
Message-ID: <3878a279.12704270@news.akorn.net>
Source record: 10641
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

On Sat, 8 Jan 2000 22:24:50 -0800, "Daniel J. Morlan"
<dmorlan@ca.freei.net> wrote:

>> You apparently suffer from a lack of self-esteem.

SNIP

>> If that's all you want, just have a fancy, official-looking embossed piece
>> of paper framed and put on the wall next to your $3000 general-coverage
>> receiver. Only a tiny handful of people will know the difference.....

Nick,

I think suggesting people who take pride in acomplishments should
simply forge their acomplishments to save work is a very poor
suggestion.

I can't imagine why that would make anyone feel good about themselves.

>While scalding, that was very well said Nick. I indend to get my license
>someday. This is a very VERY new interest of mine, and I go into this
>interest late in life at the ripe old age of 26. I'm going to be taking
>some electronics classes at a community college in the meantime. Your
>remarks while scalding, are well said...

Since you think Nick spoke the truth, Does that mean you intend to
forge a license, as Nick suggested?

This all seems very strange to me. No wonder its so difficult to find
skilled help today. I'll have to check closer and see if the
credentials are forged or real. I had no idea this was going on.

73 Tom

>

108. B-U-I-L-D Y-O-U-R O-W-N C-A-B-L-E B-O-X..... 3407

Newsgroup: rec.radio.amateur.space
Date: 2000-01-09 00:00:00 UTC
From: oylbpl@sdfsdf.com
Message-ID: <dy2e4.40743$J%4.49640@dfiatx1-snr1.gtei.net>
Source record: 10642
Body handling: 1 long encoded or obfuscated payload line was not displayed

LEGAL C`A`B`L`E TV D`E-S`C`R`A`M`B`L`E`R

Want to watch Sporting Events?--Movies?--Pay-Per-View??....FREE!!!!

*This is the Famous R-O Shack TV D-e-s-c-r-a-m-b-l-e-r
You can assemble it from Radio Shack parts for about $12 to $15.

We Send You:
1, E-Z To follow Assembly Instructions.
2. E-Z To read Original Drawings.
3. Total Parts List.

**** PLUS SOMETHING NEW YOU MUST HAVE! ****
Something you can't do without.

THE UP-TO-DATE 6 PAGE REPORT:
USING A D-E-S-C-R-A-M-B-L-E-R LEGALLY

Warning: You should not build a TV D-e-s-c-r-a-m-b-l-e-r
without reading this report first.

You get the complete 6 page report
and instruction package including
the instruction plans, the easy to
follow diagram, and most important
of all the "Using a D`e`s`c`r`a`m`b`l`e`r
LEGALLY Report all for just--$10.00

Fill out form below and send it,
along with your $10.00 payment to:

C.a.b.l.e.t.r.o.n FREE-TV
12187 S. Orange Blossom Trail #116
Orlando Fl 32837

(Cash, Check or Money Order.)
(Florida residents include 7% Florida State Sales Tax)
(All orders outside the U.S.A. add $5.00)

PRINT YOUR:

NAME_____

ADDRESS_____

CITY/STATE/ZIP_____

E-MAIl ADDRESS_____

```
rtg45t34t43t34t34t43t34t34t34t34t34t34t34
```

[Long encoded or obfuscated payload not displayed]

109. Re: The END of Ham Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-01-09 00:00:00 UTC
From: Paul
Message-ID: <3878e673.186723264@news.mindspring.com>
Source record: 10643
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

dana <dana@randomc.com> wrote:

>i couldn't agree with you more, and think i just might sell out, they are
>just giving the bands away, but one thing, at least they are keeping some
>code, that will still keep some of the cbers out, but 75 meters allready
>sounds like 11 meters anyway. i got my extra back in 1989, and passed all
>the code requirements, and i am blind on top of all that.
>

I am a "CB'er" who knows code, and Ihave my ham ticket as well.

Paul

110. Re: The END of Ham Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-01-09 00:00:00 UTC
From: Nicholas Geovanis <nickgeo@merle.acns.nwu.edu>
Message-ID: <Pine.HPP.3.93.1000109134120.10926A-100000@merle.acns.nwu.edu>
Source record: 10644
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

On Sun, 9 Jan 2000, Tom W8JI wrote:

> On Sat, 8 Jan 2000 22:24:50 -0800, "Daniel J. Morlan"
> <dmorlan@ca.freei.net> wrote:
>
> >> You apparently suffer from a lack of self-esteem.
>
> SNIP
>
> >> If that's all you want, just have a fancy, official-looking embossed piece
> >> of paper framed and put on the wall next to your $3000 general-coverage
> >> receiver. Only a tiny handful of people will know the difference.....
>
> Nick,
>
> I think suggesting people who take pride in acomplishments should
> simply forge their acomplishments to save work is a very poor
> suggestion.
>
> I can't imagine why that would make anyone feel good about themselves.

No, no, no....I wasn't recommending that a LICENSE be forged. Just put a
piece of paper with some bogus writing in a nice frame, hang it on the
wall by the expensive rig (I didn't say that he needed to USE the radio),
and then the gentleman can have ALL of the satisfaction which he appears
to derive from his amateur radio license: A FANCY, OFFICIAL-LOOKING
L_A_B_E_L, nothing more. No need to even power-on the rig!

He said it himself, the LABEL has lost its value now that it doesn't set
him apart anymore (after restructuring). I'd like him to have a nice,
fancy, official-looking label again, so he can feel good about himself
again. If he does what I suggest, he can have the nice, fancy,
official-looking label back, but without wasting all of that time on the
distracting AMATEUR RADIO stuff.

> >While scalding, that was very well said Nick. I indend to get my license
> >someday. This is a very VERY new interest of mine, and I go into this
> >interest late in life at the ripe old age of 26. I'm going to be taking
> >some electronics classes at a community college in the meantime. Your
> >remarks while scalding, are well said...
>
> Since you think Nick spoke the truth, Does that mean you intend to
> forge a license, as Nick suggested?

No, it means that he's getting his kicks from RADIO, not from the piece of paper. It means that he can tell the difference between a superficial label (a piece of paper) which says "amateur radio" on it, and being an actual amateur radio enthusiast (unlike the gentleman to whom I was responding).

> 73 Tom

+--------------------->
| Nick Geovanis
| IT Computing Svcs
| Northwestern Univ
V n-geovanis@nwu.edu

111. Call Book Listings Wanted

Newsgroup: rec.radio.amateur.space
Date: 2000-01-09 00:00:00 UTC
From: redberd95@aol.comnospam
Message-ID: <20000109175045.03572.00001344@ng-fx1.aol.com>
Source record: 10645

I am looking for photocopies of my callbook listings from 1979-1999. The call is KA4NMA. Please respond to both rdav@truck.ds.adp.com and redberd95@aol.com.

Randy KA4NMA

112. Re: Call Book Listings Wanted

Newsgroup: rec.radio.amateur.space
Date: 2000-01-09 00:00:00 UTC
From: Coredump <coredump@NOxSPAM.enteract.com>
Message-ID: <m55i7so2kh0kmsoagub89c9nv87al10add@4ax.com>
Source record: 10646

On 09 Jan 2000 22:50:45 GMT, redberd95@aol.comnospam (REDBERD95) wrote:

>I am looking for photocopies of my callbook listings from 1979-1999. The call
>is KA4NMA. Please respond to both rdav@truck.ds.adp.com and redberd95@aol.com.
>
>Randy KA4NMA

KA4NMA does not appear in the 1980 US callbook.

John

--
coredump@NOSPAM.enteract.com
http://www.enteract.com/~coredump
Sidetracked on the Information Superhighway

113. Re: The END of Ham Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-01-09 00:00:00 UTC
From: kb99rqz@arrl.net
Message-ID: <gmpi7sg7rg52jaa6llm6scpks2kgtuvuh4@4ax.com>
Source record: 10647
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

On 10 Jan 2000 04:32:28 GMT, Dick Carroll <dixie@townsqr.com> wrote:

>Nicholas Geovanis wrote:
>>
>> On Sun, 9 Jan 2000, Tom W8JI wrote:
>>
>> > On Sat, 8 Jan 2000 22:24:50 -0800, "Daniel J. Morlan"
>> > <dmorlan@ca.freei.net> wrote:

>> No, no, no....I wasn't recommending that a LICENSE be forged. Just put a
>> piece of paper with some bogus writing in a nice frame, hang it on the
>> wall by the expensive rig (I didn't say that he needed to USE the radio),
>> and then the gentleman can have ALL of the satisfaction which he appears
>> to derive from his amateur radio license: A FANCY, OFFICIAL-LOOKING
>> L_A_B_E_L, nothing more.
>
>
> Hey! You've just described very accurately what all the
>Novextras will have after April 15!! Good work!

I guess you did not notice that is all you will as well, I am
sorry to take away what must about your only source of self pride.
That no one will be able to tel that suffered tough those hard exams
after crawling on broken glass up hill both ways to sit before the FCC
dragons and prove your what everhood

114. Re: The END of Ham Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-01-09 00:00:00 UTC
From: Boba Fett <bgv@li.net>
Message-ID: <VAPe4.26276$W2.352380@iad-read.news.verio.net>
Source record: 10648
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

This sounds like SOUR GRAPES!!!!!

njvets wrote in message ...
>Yes indeed, its all in the best interest of Ham Radio..sure it is! Look
>guys, it has nothing to do with the CW requirement. I am 110% in favor of
>the CW requirement, but the truth is Ham Radio began its demise when the
FCC
>stopped conducting exams. We all know that the VE system is of
questionable
>integrity. You can read about bogus testing sessions every month in QST
and
>other Ham rags. And those are only the ones that got caught! Just think,
>now any half brain dead idiot can go into a VE session, conducted by his
>buddies, take a 35 question exam, which he already knows the answers to,
and
>come out an Extra! And this is GOOD for Ham Radio! Somebody explain that
to
>me. Or should I say "rationalize" that to me. I may not be the nicest or
>smartest Ham in the world, but I'm sure not stupid either. This is
>definetly The End of Ham Radio. Do you really want to be associated with
>persons holding Extra tickets who do not know the difference between a 9
>volt battery and an oak tree?
>I don't.
>I guess I must be confused, but I always thought if I EARNED something, it
>would have value to me and I would respect and take care of it. How much
>value can you place in an amateur radio license that is easier to get than
a
>parking ticket?
>Good bye Ham Radio, it was nice knowing you.
>K2TL
>
>

115. Re: The END of Ham Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-01-10 00:00:00 UTC
From: 2w8ji@contesting.com
Message-ID: <387929b7.47328307@news.akorn.net>
Source record: 10549
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

On Sun, 9 Jan 2000 14:11:44 -0600, Nicholas Geovanis
<nickgeo@merle.acns.nwu.edu> wrote:

>No, no, no....I wasn't recommending that a LICENSE be forged. Just put a
>piece of paper with some bogus writing in a nice frame, hang it on the
>wall by the expensive rig (I didn't say that he needed to USE the radio),
>and then the gentleman can have ALL of the satisfaction which he appears
>to derive from his amateur radio license: A FANCY, OFFICIAL-LOOKING
>L_A_B_E_L, nothing more. No need to even power-on the rig!

I didn't understand him to say he was proud of the paper and ink, I
understood him to say he was proud of his efforts.

I'm not sure what the politically correct view of people who take
pride in acheiving goals through work is today. It may have changed to
the point where being proud of accomplishments is consider a flaw.

My opinion is probably out of date, at least according to the Ted
Kennedy school of water rescue standards. But I think he has every
right to place value on what he has earned.

IMO, suggesting someone forge credentials to be "proud" is shameful.

116. Re: The END of Ham Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-01-10 00:00:00 UTC
From: Dick Carroll <dixie@townsqr.com>
Message-ID: <85bncsdlm7@208.207.71.133>
Source record: 10550
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

Nicholas Geovanis wrote:
>
> On Sun, 9 Jan 2000, Tom W8JI wrote:
>
> > On Sat, 8 Jan 2000 22:24:50 -0800, "Daniel J. Morlan"
> > <dmorlan@ca.freei.net> wrote:
> >
> > >> You apparently suffer from a lack of self-esteem.
> >
> > SNIP
> >
> > >> If that's all you want, just have a fancy, official-looking embossed piece
> > >> of paper framed and put on the wall next to your $3000 general-coverage
> > >> receiver. Only a tiny handful of people will know the difference.....
> >
> > Nick,
> >
> > I think suggesting people who take pride in acomplishments should
> > simply forge their acomplishments to save work is a very poor
> > suggestion.
> >
> > I can't imagine why that would make anyone feel good about themselves.
>
> No, no, no....I wasn't recommending that a LICENSE be forged. Just put a
> piece of paper with some bogus writing in a nice frame, hang it on the
> wall by the expensive rig (I didn't say that he needed to USE the radio),
> and then the gentleman can have ALL of the satisfaction which he appears
> to derive from his amateur radio license: A FANCY, OFFICIAL-LOOKING
> L_A_B_E_L, nothing more.

Hey! You've just described very accurately what all the
Novextras will have after April 15!! Good work!

117. Re: The END of Ham Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-01-10 00:00:00 UTC
From: Radio <codeman@gj.net>
Message-ID: <3879a2f8@news.gj.net>
Source record: 10551
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

<Paul> wrote in message news:3878e673.186723264@news.mindspring.com...
> dana <dana@randomc.com> wrote:
>
> >i couldn't agree with you more, and think i just might sell out, they are
> >just giving the bands away, but one thing, at least they are keeping some
> >code, that will still keep some of the cbers out, but 75 meters allready
> >sounds like 11 meters anyway. i got my extra back in 1989, and passed all
> >the code requirements, and i am blind on top of all that.
> >
>
> I am a "CB'er" who knows code, and Ihave my ham ticket as well.
>
> Paul

Your are one of the very, very few Paul. Do you talk on the radio like a
CBer?

118. Re: Amateur Restructuring - CALL SIGNS !!!!! - Great Idea!

Newsgroup: rec.radio.amateur.space
Date: 2000-01-10 00:00:00 UTC
From: fred1@my-deja.com
Message-ID: <85ceqr$t3r$1@nnrp1.deja.com>
Source record: 10552
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc

In article <3874A9C6.619940E3@IEEE.org>,
W6RCecilA <Cecil.A.Moore@IEEE.org> wrote:
> fred1@my-deja.com wrote:
> > Being that the
> > advanced class license will no longer be issued after April 15th
> > to NEW applicants, new applicants will have to upgrade to extra
> > to be elgible for group "A" or "B" calls.
>
> How about an existing advanced ham who wants a 2x2 call
> after April 15?
> --
The advanced class won't vaporize after April 15th, while
no NEW advanced class licenses will be issued, existing
advanced class amateurs will be able to hold/renew their
licenses indefinitely and as such will be able to apply
for vanity calls under existing rules.

.....Fred

Sent via Deja.com http://www.deja.com/
Before you buy.

119. Re: Amateur Restructuring - CALL SIGNS !!!!! - Great Idea!

Newsgroup: rec.radio.amateur.space
Date: 2000-01-10 00:00:00 UTC
From: fred1@my-deja.com
Message-ID: <85cgj4$u8m$1@nnrp1.deja.com>
Source record: 10553
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc

In article <3876612C.FBEA5C56@yahoo.com>,
Joe K7JOE <K7JOE@yahoo.com> wrote:
> Does that mean that us amateur extras, who passed a 20 WPM
> test without a doctors excuse note, can start signing our callsigns
> "stroke 20" as a designate kinda like the "interim KT, temporary AE"
> that was so prevalent on two meters back in the early and mid 1980's
> ?
>
I suppose if you want to sign as "/20," to show
that you actually took element 1C and passed it
rather than upgrading on the basis of code exemption,
sure go ahead and do it. I'm not trying to defend
"resturcturing" as it came out in the FCC's final
R & O in December, but it's a done deal and I onlyActua
offered comment on how it affects currently licensed
amateurs. No doubt that many dislike the "5 WPM
fits all" aspect of restructuring, if you feel strongly
about it, you're perfectly free to petition the FCC
on the subject and ask that the 13 and 20 WPM code
elements be reinstated. If you are a VE, you can
renounce being a VE, return your VE credentials and
no longer participate in licensing new amateurs under
resturcturing.

.....Fred

Sent via Deja.com http://www.deja.com/
Before you buy.

120. Re: The END of Ham Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-01-10 00:00:00 UTC
From: Dave Hall <nojunkmail_n3cvj@worldlynx.net>
Message-ID: <3879D3AB.56A8@worldlynx.net>
Source record: 10554
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

njvets wrote:
>
> Yes indeed, its all in the best interest of Ham Radio..sure it is! Look
> guys, it has nothing to do with the CW requirement. I am 110% in favor of
> the CW requirement, but the truth is Ham Radio began its demise when the FCC
> stopped conducting exams. We all know that the VE system is of questionable
> integrity. You can read about bogus testing sessions every month in QST and
> other Ham rags. And those are only the ones that got caught! Just think,
> now any half brain dead idiot can go into a VE session, conducted by his
> buddies, take a 35 question exam, which he already knows the answers to, and
> come out an Extra! And this is GOOD for Ham Radio! Somebody explain that to
> me. Or should I say "rationalize" that to me. I may not be the nicest or
> smartest Ham in the world, but I'm sure not stupid either. This is
> definetly The End of Ham Radio. Do you really want to be associated with
> persons holding Extra tickets who do not know the difference between a 9
> volt battery and an oak tree?
> I don't.
> I guess I must be confused, but I always thought if I EARNED something, it
> would have value to me and I would respect and take care of it. How much
> value can you place in an amateur radio license that is easier to get than a
> parking ticket?

You bring up a very good point, and one that I agree with. I have never
been a fan of the VE system, as I know that the temptation by the
average citizen to abuse the system is just too great to allow them to
be trusted with the responsibility. I personally know VE's that have
"slid" people by with both theory and code tests (In fact, I was offered
a code "test" by one group, which I politely declined). I know of other
groups that do it for money ($200 for general, $300 for extra).

Back when the FCC administered tests, you had to deal with the
inconvienience. You had to go on THEIR schedule, you had to wait to
retest, and it was very difficult to "cheat" the system. Only the truly
dedicated would put up with this, in order to get their tickets. Maybe
if the license fee were re-instated and set at a level of something like
$50, the FCC would not be so quick to get out of the administrative
department, and the "quality" of the ham would be much better as a
result.

But in today's air of "instant gratification", many people are too
impatient to go through this exercise.

Is ham readio dead? No, but it is losing its uniqueness, and sterling
quality.

Dave

121. Re: The END of Ham Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-01-10 00:00:00 UTC
From: Dave Hall <nojunkmail_n3cvj@worldlynx.net>
Message-ID: <3879D728.7C03@worldlynx.net>
Source record: 10555
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

Nicholas Geovanis wrote:
>
> On Fri, 7 Jan 2000, njvets wrote:
>
> > Yes indeed, its all in the best interest of Ham Radio..sure it is! Look
> > guys, it has nothing to do with the CW requirement. I am 110% in favor of
> > the CW requirement, but the truth is Ham Radio began its demise when the FCC
> > stopped conducting exams. We all know that the VE system is of questionable
> <CUT>
> > I guess I must be confused, but I always thought if I EARNED something, it
> > would have value to me and I would respect and take care of it. How much
> > value can you place in an amateur radio license that is easier to get than a
> > parking ticket?
>
> You apparently suffer from a lack of self-esteem.
>
> If YOU are a courteous operator with wide, deep technical knowledge,
> then YOU are a valuable radio amateur. One could match my description and
> hold a General license or below, or even no amateur license at all if you
> worked, say, in military or commercial communications.

Yes, but look at the other side, with the testing requirments as they
now stand, a person with substantially LESS technical knowledge, skill
and discipline can obtain a high level ham license, with little actual
work. So the "value" of the license has been degraded, since it is no
longer necessary to be a "tech whiz" to get one.

> But it seems that this isn't enough for you. You crave that piece of paper
> which says "Advanced" or "Extra" on it, not because of what YOU are and
> what YOU have accomplished, but rather because of the mark the LICENSE
> PUTS ON YOU, because of the "specialness" it confers on you, because of
> the "distinction" which you believe it will afford you.

It's no different than the bogus network "certification", that
Mickey-soft and Novell started for computer professionals. It's a piece
of paper, that says that you know something. The difference is that MS
and Novell are making big bucks off of everyone that studies and takes
the test. But it's only worth something if you recognize the validity of
the testing methodology.

Once upon a time, a ham license looked good of a job application or
resume. Participation in what was then "the" technical hobby, was a
testimony that the job applicant knew enough to pass the tests, which
meant something to a manager looking to hire technicians or engineers.

Today, that is no longer true, except for some specialized
communications fields.
>
> If that's all you want, just have a fancy, official-looking embossed piece
> of paper framed and put on the wall next to your $3000 general-coverage
> receiver. Only a tiny handful of people will know the difference.....
>

Maybe we just want to make sure that everyone who plies the ham
frequencies has enough technical knowlege to keep them out of trouble,
and enough responsibility and maturity, that they won't cause trouble.

And it is still true that the value something has, to its owner, is
directly proportional to how much effort one had to expend to get it. If
you had to apply yourself for the better part of 3 or 4 months preparing
for, and passing the test for a ham license, you will be less likely to
abuse the privilege, than someone who just signed on the dotted line.
That's human nature.

Dave

122. Re: Amateur Restructuring - CALL SIGNS !!!!! - Great Idea!

Newsgroup: rec.radio.amateur.space
Date: 2000-01-10 00:00:00 UTC
From: Mike Swan <mjswan@mindspring.com>
Message-ID: <85ctv8knc1@nntp4.atl.mindspring.net>
Source record: 10556
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

Save Ham Radio <Hate@spam.org> wrote:
> You dont need to restructure the call signs to know who the new
> hams are, just listen for anyone using 10-codes, CB lingo, and
> echo mics. You'll be able to spot the new idiots a mile away.
>
> Vince Fiscus, KB7ADL wrote:
> >
> >Yes, new callsigns should be restructured too. They should look
> >like the old CB callsigns of the early 1970's. This will work out OK
> >because the restructured hams won't be much smarter than your
> >typical CBer anyway.

So this is what I have to look forward to, huh? I'm sorry, but I resent the hell out of your sentiment that every new ham is an "idiot" or a "CBer". I am studying for my Technician's license (ready to take the test at the next hamfest) and look forward to advancing in the amateur radio service, despite the less than gracious welcome mat that you folks have laid out. The focus of Amateur Radio is helping people through the understanding and application of radio communications theory. From what I've seen, other than relaxing the CW requirements somewhat, the FCC hasn't lowered the entrance requirements to the point that it doesn't require hard work to attain the various level licenses.

I'm not meaning to single you two gentlemen out, I've been reading similar posts for awhile now and decided it was time to speak up. There are some of us who are just getting started in amateur radio that could use help and encouragement from the more established hams. I understand your anger, but you should be careful not to do more harm than good by callously tossing out such comments. Dig out your ARRL Handbook and read the Amateur's Code, based on this and similar recent threads we seem to have lost sight of something important.

Respectfully,
Mike

123. Re: Amateur Restructuring - CALL SIGNS !!!!! - Great Idea!

Newsgroup: rec.radio.amateur.space
Date: 2000-01-10 00:00:00 UTC
From: Mike Swan <mjswan@mindspring.com>
Message-ID: <85d2l2$268$1@nntp8.atl.mindspring.net>
Source record: 10557
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

Apologies for the cross post. I did not realize that the message I was replying to in rec.radio.shortwave newsgroup had been posted to other groups.

Mike

124. Re: Is NASA TV Link (GE2 x5) Encrypted?

Newsgroup: rec.radio.amateur.space
Date: 2000-01-10 00:00:00 UTC
From: mattg7obr <mattg7obr@netscapeonline.co.uk>
Message-ID: <387A1910.866475D5@netscapeonline.co.uk>
Source record: 10558

Hi all

Does anyone know if there is a feed to europe of nasa tv , i have e-mailed nasa and never got a reply ,i know alot of satellite people over here would like to watch it even if it was a few hours a week,

any infomation would be apprecated

73 matt G7OBR

Bob Winingham wrote:

> JamesOberg wrote:
> >
> > Is NASA TV Link (GE2 x5) Encrypted?
> >
>
> yes, and NON-Profit HAM clubs can get the key/card
> Took 2+ months for our local Dallas ATV to get it after sending in the
> paper work.

125. Re: Is NASA TV Link (GE2 x5) Encrypted?

Newsgroup: rec.radio.amateur.space
Date: 2000-01-10 00:00:00 UTC
From: Eavesdropper <ian@eavsdropper.dabsol.co.uk>
Message-ID: <LSoe4.1289$T3.1111@stones>
Source record: 10559

Hi Matt,
You would find it unlikely to receive the GE bird in the UK as it is at 85 deg west and over our horizon I dont think it is currently encrypted but I am not certain of that.. I have been patiently trying to find someway of getting a transponder to carry it 24hrs in our region but so far no luck.

The ESA are currently doing some small amount of space TV via Eutelsat to see morew go here http://television.esa.int/
they do have a little Nasa tv every now and then like launches etc but appx only 30 mins a day and you will need a digital "free to air" satellite receiver like the Nokia mediamaster to get it aswell.

ian k.

mattg7obr <mattg7obr@netscapeonline.co.uk> wrote in message news:387A1910.866475D5@netscapeonline.co.uk...
> Hi all
>
> Does anyone know if there is a feed to europe of nasa tv , i have e-mailed
> nasa and never got a reply ,i know alot of satellite people over here
> would like to watch it even if it was a few hours a week,
>
> any infomation would be apprecated
>
> 73 matt G7OBR
>
> Bob Winingham wrote:
>
> > JamesOberg wrote:
> > >
> > > Is NASA TV Link (GE2 x5) Encrypted?
> > >
> >
> > yes, and NON-Profit HAM clubs can get the key/card
> > Took 2+ months for our local Dallas ATV to get it after sending in the
> > paper work.
>

126. Re: Amateur Restructuring - CALL SIGNS !!!!! - Great Idea!

Newsgroup: rec.radio.amateur.space
Date: 2000-01-10 00:00:00 UTC
From: Jim <jdport@concentric.net>
Message-ID: <32766FF0.2A450ACB@concentric.net>
Source record: 10560
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

Mike, take a chill pill. Hams are NOT a progressive, techno-weenie bunch... but don't pay any attention to me, I'm just a new kid licensed at age 16 in 1963 and always amazed at how few other hams ever built or repaired any of their own gear. Hams, as with other humanoids, resent change in any form.When the Novice license was first introduced, even with only a 1-year non renewable license term, it caused howls of protest from many existing hams. In my time, I have seen the Conditional license come and go, the Tech license changed to limited HF (10-meter SSB and Novice HF CW) privileges, Novices extended to 220 phone and 10 Meter SSB and renewable licenses, with similar howls of protest and ads "Selling OUT, Novices and Techs BAH HUMBUG", etc. In reality the dreaded CB'ers have provided more skilled and reliable operators, during the CB heyday of the 1970's, than probably any other source of ham operators. Without them ham radio would have dwindled much more quickly than otherwise. Without the recent (10 or so years ago) influx of new Codeless Tech hams, we olde farts would have almost nobody left to talk to on the radio, storebought or otherwise, by now.
I've read the FCC enforcement lists in QST since first licensed, and the great majority of raging interference, license revocations for profanity, jamming, and other undesirable behavior, come not from new hams but from Advanced and Extra Class licensees. I'm over 50 now and still feel like a kid when attending hamfests and club meetings full of white haired, wheelchair bound, aged hams. My hair is getting ever whiter, and I hope that you go ahead with your interest in ham radio, and that others like you get into ham radio in spite of some of the weirdos you'll run into. All hobbies have loud weirdos, so don't worry too much about ours.
Jim W5AOX

Mike Swan wrote:

> Save Ham Radio <Hate@spam.org> wrote:
> > You dont need to restructure the call signs to know who the new
> > hams are, just listen for anyone using 10-codes, CB lingo, and
> > echo mics. You'll be able to spot the new idiots a mile away.
> >
> > Vince Fiscus, KB7ADL wrote:
> > >
> > >Yes, new callsigns should be restructured too. They should look
> > >like the old CB callsigns of the early 1970's. This will work out OK
> > >because the restructured hams won't be much smarter than your
> > >typical CBer anyway.
>
> So this is what I have to look forward to, huh? I'm sorry, but I resent the
> hell out of your sentiment that every new ham is an "idiot" or a "CBer". I
> am studying for my Technician's license (ready to take the test at the next

> hamfest) and look forward to advancing in the amateur radio service, despite
> the less than gracious welcome mat that you folks have laid out. The focus
> of Amateur Radio is helping people through the understanding and application
> of radio communications theory. From what I've seen, other than relaxing
> the CW requirements somewhat, the FCC hasn't lowered the entrance
> requirements to the point that it doesn't require hard work to attain the
> various level licenses.
>

<snip>

127. Re: The END of Ham Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-01-10 00:00:00 UTC
From: J <k1merNOk1SPAM@arrl.net.invalid>
Message-ID: <1ad5cfac.70e338bd@usw-ex0106-048.remarq.com>
Source record: 10561
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

In article <mEmd4.1881$%K1.118120@tw12.nn.bcandid.com>, "njvets"
<njvets@skyweb.net> wrote:
> > I guess I must be confused, but I always thought if I EARNED
> something, it
> would have value to me and I would respect and take care of it.
> How much
> value can you place in an amateur radio license that is easier to
> get than a
> parking ticket?
> Good bye Ham Radio, it was nice knowing you.
> K2TL

I have a real nice car. It drives like a dream. It's good on gas. It's
really nice-looking, too. I worked hard to get it. It cost me a lot of
hard-earned money. But yesterday my neighbor was given a car just like
mine. So now I guess I have to hate my car. It no longer has any value
to me, because if my friend can get one for "free", and go out and
drive the roads same as me, well that's just not fair. He shouldn't be
allowed to have that car unless he worked just as hard for it as I did
for mine. With him driving the roads, all the fun of it is gone for me.
My car just looks ugly to me now. So long car, guess I'll just walk.

No offense, K2TL, but your reasoning is lost on me. How about taking a
little more positive view? With your years of experience, you can make
a big difference in the way things turn out. You can be a force for
helping the upcoming youngsters be better hams, learn how to do things
the right way, you can be an example and a teacher. You and I have both
been in this game 35+ years...we used to call them "elmers", didn't we?
We don't have to let Ham Radio slip away, let's do something positive.
Let's start by talking positive, not negative. Let's work with the hand
we've been dealt, like we have for all these years, and make it work.

K1MER

* Sent from RemarQ http://www.remarq.com The Internet's Discussion Network *
The fastest and easiest way to search and participate in Usenet - Free!

128. Re: The END of Ham Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-01-10 00:00:00 UTC
From: 2w8ji@contesting.com
Message-ID: <3879d59c.3060857@news.akorn.net>
Source record: 10562
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

On Sun, 09 Jan 2000 23:19:47 -0600, kb99rqz@arrl.net wrote:

>On 10 Jan 2000 04:32:28 GMT, Dick Carroll <dixie@townsqr.com> wrote:
>
>>Nicholas Geovanis wrote:
>>>
>>> On Sun, 9 Jan 2000, Tom W8JI wrote:
>>>
>>> > On Sat, 8 Jan 2000 22:24:50 -0800, "Daniel J. Morlan"
>>> > <dmorlan@ca.freei.net> wrote:
>
>>> No, no, no....I wasn't recommending that a LICENSE be forged. Just put a
>>> piece of paper with some bogus writing in a nice frame, hang it on the
>>> wall by the expensive rig (I didn't say that he needed to USE the radio),
>>> and then the gentleman can have ALL of the satisfaction which he appears
>>> to derive from his amateur radio license: A FANCY, OFFICIAL-LOOKING
>>> L_A_B_E_L, nothing more.
>>
>>
>> Hey! You've just described very accurately what all the
>>Novextras will have after April 15!! Good work!
>
> I guess you did not notice that is all you will as well, I am
>sorry to take away what must about your only source of self pride.
>That no one will be able to tel that suffered tough those hard exams
>after crawling on broken glass up hill both ways to sit before the FCC
>dragons and prove your what everhood

You didn't take away anything, but the FCC sure did!

It's typical for those who dislike working for something and who
expect handouts to not understand why some people have pride in what
they accomplished.

With that in mind, I understand why you agree with the suggestion
people just forge documents that are symbols of what they accomplished
in life.

But I think picking on a guy who is proud he worked for something is a
sign of just how bad our society is getting. Socialism at it's finest!

73 Tom

129. Re: The END of Ham Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-01-10 00:00:00 UTC
From: "(Unit 69)" <upplus@hotmail.com>
Message-ID: <387A8628.4FBCE8CF@hotmail.com>
Source record: 10563
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

Because some Richard Cranium has troll-like tendencies and
wanted to start some sh!t.

dana wrote:
>
> why does rec.radio.scanner have to be included in this thread?

--
Posts to the newsgroup DO NOT need a copy e-mailed to me. Thanks.
(Unless you're afraid I won't see it!)

Unit SIX-NINE Chesapeake Bay

130. Re: Amateur Restructuring - CALL SIGNS !!!!! - Great Idea!

Newsgroup: rec.radio.amateur.space
Date: 2000-01-10 00:00:00 UTC
From: "John P. Franklin" <jpfrankl@teleport.com>
Message-ID: <zZwe4.1664$B9.14825@news1.teleport.com>
Source record: 10564
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc

So what's wrong with the call you already have?

Pat

131. Re: The END of Ham Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-01-10 00:00:00 UTC
From: Nicholas Geovanis <nickgeo@merle.acns.nwu.edu>
Message-ID: <Pine.HPX.4.10.10001100925420.21784-100000@merle.acns.nwu.edu>
Source record: 10565
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

On Mon, 10 Jan 2000, Dave Hall wrote:
> Nicholas Geovanis wrote:
> >
> > If YOU are a courteous operator with wide, deep technical knowledge,
> > then YOU are a valuable radio amateur. One could match my description and
> > hold a General license or below, or even no amateur license at all if you
> > worked, say, in military or commercial communications.
>
> Yes, but look at the other side, with the testing requirments as they
> now stand, a person with substantially LESS technical knowledge, skill
> and discipline can obtain a high level ham license, with little actual
> work. So the "value" of the license has been degraded, since it is no
> longer necessary to be a "tech whiz" to get one.

So what? Are you interested in collecting licenses, or are you interested in radio? If you're interested in radio, then your license is just as valuable as your radio skills, no more and no less. If you're interested in licenses, then, I dunno, take-up fishing. You can get a license from every state!

> Once upon a time, a ham license looked good of a job application or
> resume. Participation in what was then "the" technical hobby, was a
> testimony that the job applicant knew enough to pass the tests, which
> meant something to a manager looking to hire technicians or engineers.
> Today, that is no longer true, except for some specialized
> communications fields.

Here's my angle: I am looking at the person, not the paper. I guess that I'm too old-fashioned, eh?

> And it is still true that the value something has, to its owner, is
> directly proportional to how much effort one had to expend to get it.

Congratulations! You have identified the problem: The man is obsessing on "getting it". Getting what? A piece of PAPER. Forget the piece of paper. What matters is the knowledge, the experience, the fun. Paper is made from dead wood.

> Dave

+-------------------->
| Nick Geovanis
| IT Computing Svcs
| Northwestern Univ

V n-geovanis@nwu.edu

132. Re: Amateur Restructuring - CALL SIGNS !!!!! - Great Idea!

Newsgroup: rec.radio.amateur.space
Date: 2000-01-10 00:00:00 UTC
From: "George T. Baker" <w5yr@worldnet.att.net>
Message-ID: <387ABBB9.8ECC8A86@worldnet.att.net>
Source record: 10566
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc

I really doubt that Part 97 recognizes WXYYY/20 as a valid call sign to
use when identifying a station.

72/73, George
Fairview, TX 30 mi NE Dallas in Collin county
Amateur Radio W5YR, in the 54th year and it just keeps getting better!
R/C since 1964 - AMA 98452 RVing since 1972

fred1@my-deja.com wrote:

> I suppose if you want to sign as "/20," to show
> that you actually took element 1C and passed it
> rather than upgrading on the basis of code exemption,
> sure go ahead and do it.

133. Re: The END of Ham Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-01-10 00:00:00 UTC
From: Michael Moore <m.moore@utoronto.ca>
Message-ID: <387A2421.41563B76@utoronto.ca>
Source record: 10567
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

Dave Hall wrote:
> Yes, but look at the other side, with the testing requirments as they
> now stand, a person with substantially LESS technical knowledge, skill
> and discipline can obtain a high level ham license, with little actual
> work. So the "value" of the license has been degraded, since it is no
> longer necessary to be a "tech whiz" to get one.

Licenses are not degrees. They are no more than permits. Thier value
should be nominal. You should evaluate an individual ham by his/her
actions, not by his/her license. Besides, one doesn't really need to be
a "tech whiz" to be on air. But for those that are "tech whiz's", well
congratulations. If "tech whiz's" are looking for paper recognition
(which is silly in my view), then perhaps a note or something could be
atached to his/her license -- however, there is no need for assigning
radio permissions based on this.

> It's no different than the bogus network "certification", that
> Mickey-soft and Novell started for computer professionals. It's a piece
> of paper, that says that you know something. The difference is that MS
> and Novell are making big bucks off of everyone that studies and takes
> the test. But it's only worth something if you recognize the validity of
> the testing methodology.

Are there people getting paid on the basis of their amateur standing?
Sort of gives new meaning to the term "amateur".

> Once upon a time, a ham license looked good of a job application or
> resume. Participation in what was then "the" technical hobby, was a
> testimony that the job applicant knew enough to pass the tests, which
> meant something to a manager looking to hire technicians or engineers.
> Today, that is no longer true, except for some specialized
> communications fields.

How about getting a degree/diploma from a school?

> Maybe we just want to make sure that everyone who plies the ham
> frequencies has enough technical knowlege to keep them out of trouble,
> and enough responsibility and maturity, that they won't cause trouble.

Exactly.

> And it is still true that the value something has, to its owner, is
> directly proportional to how much effort one had to expend to get it.
> If you had to apply yourself for the better part of 3 or 4 months > preparing for, and
passing the test for a ham license, you will be > less likely to abuse the privilege, than

someone who just signed on > the dotted line. That's human nature.
> Dave

Regardless of how long it takes to study for the ham exam, the exam should nonetheless be relevant to the requirements of operating ham radio. That is, while the exam should take into consideration requirements, it should not place too much emphasis on those things that are merely desirable.

--
Michael Moore

134. Re: The END of Ham Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-01-11 00:00:00 UTC
From: dana <dana@randomc.com>
Message-ID: <Pine.GSO.4.10.10001101907390.20480-100000@cluster2>
Source record: 10568
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

why does rec.radio.scanner have to be included in this thread?

135. Re: The END of Ham Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-01-11 00:00:00 UTC
From: henry@wolfenet.com
Message-ID: <387b8eb1.2951665@news1.wolfenet.com>
Source record: 10569
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

Paul wrote:

>>the code requirements, and i am blind on top of all that.
>>
>
>I am a "CB'er" who knows code, and Ihave my ham ticket as well.
>
>Paul

I too have my Extra ticket. I am not too worried, the foul mouthed individuals who are on 11 meters or 3950 don't use CW that often. I use CW almost exclusively. As I see it, the AMers an SSBers and FMers will have to bare the brunt of a new class of lids. 20 CW will be safe foever,
Henry K7WAR

136. Re: The END of Ham Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-01-11 00:00:00 UTC
From: Bill Nelson <billn@spock.peak.org>
Message-ID: <85eg5g$i35$5@bashir.peak.org>
Source record: 10570
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

In rec.radio.cb Dave Hall <nojunkmail_n3cvj@worldlynx.net> wrote:

: It's no different than the bogus network "certification", that
: Mickey-soft and Novell started for computer professionals. It's a piece
: of paper, that says that you know something. The difference is that MS
: and Novell are making big bucks off of everyone that studies and takes
: the test. But it's only worth something if you recognize the validity of
: the testing methodology.

Funny. I just received e-mail from MS today - offering their Certified
Network Engineer (or whatever it is) class. The cost is $8000, but they
pay me $10,000 when the class is completed.

: Maybe we just want to make sure that everyone who plies the ham
: frequencies has enough technical knowlege to keep them out of trouble,
: and enough responsibility and maturity, that they won't cause trouble.

The knowledge requirement went away as soon as they started publishing
the question pools. It then became a matter of memorization.

Nothing in the Amateur testing has ever guaranteed that the person would
be either mature or responsible - or that they wouldn't cause trouble.

: And it is still true that the value something has, to its owner, is
: directly proportional to how much effort one had to expend to get it. If
: you had to apply yourself for the better part of 3 or 4 months preparing
: for, and passing the test for a ham license, you will be less likely to
: abuse the privilege, than someone who just signed on the dotted line.
: That's human nature.

Maybe. Or maybe someone who had to work hard would ignore legal
requirements when he/she though it possible to get away with it,
as a "right" for having to work so hard.

I don't know why the old Extra holders are so upset about the new rules.
It does not degrade THEIR efforts, or lessen the value of their licenses.

Remember when you had to hold a license for 10-20 years (I forget how long)
before you were eligible to apply for an Extra Class license?

Personally, I feel that the publishing of the question pool is wrong, but
it is only my opinion. I believe a person should have practical knowledge,
not just a bunch of memorized information.

On the other hand, I have more respect for the recent no-code tech who
behaves himself on 2 meters, and maybe plays with packet radio a bit, than

I do for the notorious groups of troublemakers on 75 meters and elsewhere.

--
Bill Nelson (billn@peak.org)

137. Brush up on your 10-Codes Old-Timers.

Newsgroup: rec.radio.amateur.space
Date: 2000-01-11 00:00:00 UTC
From: vlfiscus@mcn.net
Message-ID: <s7lihg8ioj8140@news.supernews.com>
Source record: 10571
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

Brush up on your 10-codes Boys.

The CB-RL, Citizens Band-Relay League in Newington, CT, is
going to update their Operating Manual with a section on 10-codes
and CB Lingo so old Hams can understand what the new hams
are talking about. There's also going to be a section on how to
properly tune a transmitter for maximum over modulation & Splatter.

Quote of the Day:
The FCC served me a shit sandwich... but I can't see any bread.

KB7ADL

nojunkmail_n3cvj@worldlynx.net (Dave Hall) wrote in
<3879D728.7C03@worldlynx.net>:
>Yes, but look at the other side, with the testing requirments as they
>now stand, a person with substantially LESS technical knowledge, skill
>and discipline can obtain a high level ham license, with little actual
>work. So the "value" of the license has been degraded, since it is no
>longer necessary to be a "tech whiz" to get one.
>
>

138. Amateur Restructuring, Liberal Democrats, & No-Coders

Newsgroup: rec.radio.amateur.space
Date: 2000-01-11 00:00:00 UTC
From: vlfiscus@mcn.net
Message-ID: <s7ljsb9moj831@news.supernews.com>
Source record: 10572
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

Amateur Restructuring, Liberal Democrats, and No-Coders.

The FCC's restructuring plan shouldn't be a surprise to
anyone. After all, it comes out of the Liberal Clinton
Administration. Conservative republicans are willing to work hard
for their rewards, but Liberal democrat No-Code CB whiners want
everything handed to them on a silver platter. The democrat
whiners want to get ham licenses as easy as they get their welfare
checks. And the Liberal FCC, part of the Liberal Clinton
Administration gave the Liberal No-Code CB whiners what they
wanted, and the rest of us got shafted. Liberal Democrats like
to steal treasures from the hard workers, and give to those who spend most
of their time waiting for another government hand-out. When liberals do
this, it makes them feel important & needed.

restructured Ham = Welfare Ham.

Quote of the Day:
The FCC served me a shit sandwich... but I can't see any bread.
KB7ADL, Jan. 2000

73

dhstadt@ameritech.net (Dave Stadt) wrote in
<YVte4.830$Qp3.20074@nntp0.detroit.mi.ameritech.net>:
>Yep the end is near, get out now while you can and send me all your
>radios.
>

139. Re: Brush up on your 10-Codes Old-Timers.

Newsgroup: rec.radio.amateur.space
Date: 2000-01-11 00:00:00 UTC
From: wa2ise@netcom.com
Message-ID: <85em7kvjq1@nntp1.atl.mindspring.net>
Source record: 10573
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

In article <s7lihg8ioj8140@news.supernews.com>,
>
>Quote of the Day:
>The FCC served me a shit sandwich... but I can't see any bread.
>
Want fries with that? :-)

Sorry, couldn't resist......

140. Re: Amateur Restructuring - CALL SIGNS !!!!! - Great Idea!

Newsgroup: rec.radio.amateur.space
Date: 2000-01-11 00:00:00 UTC
From: Ken Jobling <kjoblingNO@SPAMprimus.com.au>
Message-ID: <387AF6CD.41D2E38B@SPAMprimus.com.au>
Source record: 10574
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc

No. Surely by getting on air at 20 WPM plus, you do not need the
callsign and piece of paper as proof. Unless, of course, the callsign
and piece of paper is just a status thing.

Joe K7JOE wrote:
>
> Does that mean that us amateur extras, who passed a 20 WPM
> test without a doctors excuse note, can start signing our callsigns
> "stroke 20" as a designate kinda like the "interim KT, temporary AE"
> that was so prevalent on two meters back in the early and mid 1980's
> ?
>
> Joe K7JOE/20

--
Ken Jobling
http://www.bigfoot.com/~vk3kjc/

141. Re: Amateur Restructuring, Liberal Democrats, & No-Coders

Newsgroup: rec.radio.amateur.space
Date: 2000-01-11 00:00:00 UTC
From: Wayne Woodhams <wwoodhamsNOwwSPAM@vcnet.com.invalid>
Message-ID: <0790791c.6b54d5d6@usw-ex0107-050.remarq.com>
Source record: 10575
Cross-posted to: rec.radio.cb,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.shortwave

Amateur Restructuring is not a simple, one-sided issue, although many would like to force the many different viewpoints into one small box.

Times are changing, and whether we like it or not, there are realities that have to be faced. Here are a few.

The "magic" of your voice (or code) traveling thousands of miles is basically gone. I'm old enough to remember well the first color televisions, trans-Alantic TV signals, etc. When I first experienced amateur radio (as an early teenager), it was beyond belief that you could actuall talk to someone long distance wireless. I was even awestruck at some cheap walkie-talkies I owned! Now, we communicate effortlessly worldwide via the internet, instantly.

Commercial interests want more bandspace, and amateur radio operators who are time-frozen in the past have a poor argument to occupy valuable spectrum space to discuss their gall bladder surgery, latest bowel movement, etc., simply because they grunted it out years ago to meet the requirments of 13 wpm, and so on. Amateur radio was intended from the start to focus on public service and to encourage growth (in electronic knowledge). It was never intended to be a static, backward-looking social club, remembering the "good ole days". The very nature of amateur radio points forward.

The technical aspects of amateur radio have changed incredibly. Twenty years ago, you could still work on your own car (plugs, oil change, tune-up). Check out the lastest cars, and tell me how much you understand. The people I first met in amateur radio built their own rigs (early 60's). Today, that same rig would splatter unacceptably all over the band. Then, most built their own. Today, probably 98% use quality, name brand, sophisticated rigs, with tight specs on both transmit and receive. It's a changing world.

YES, some things could get better. Getting rid of the corruption in the VE program would help. Riley Hollingsworth has been extremely good news for the hobby. But perhaps we should require computer aptitude tests as part of the hobby (to weed out the old farts). Maybe we should ban discussions of all personal health problems, not to mention useless nets, that accomplish little. Simply passing the CW and written test back then is not a lifelong license to sit back, and reap the "reqards" forever in careless, meaningless blabber. I have always been in favor of amateur radio operators having to provide "evidence" for their continued re-licensing, such as proof of public service, classes taught, projects involved with, etc, much as medical

professionals have continuing education to keep them sharp. One statement the FCC made in their R&O was that there was basically no correlation between those who learned CW, and those who were proper station operators, or were significantly involved in public service. I couldn't agree more. What right does a 30-40 year Ham veteran have to needlessly blab on, using maximum power (or more), with poor antenna matching, and generally abusing the spectrum. Yet, that person is exactly the same person who will argue themselves blue in the face about the need to keep the code, etc. They need a reality check.

There is plenty to compliment and plenty to criticize in amateur radio today. I compliment the FCC for having the guts and sense of REALITY to not only face the real facts of the day, but to do so in a way that doesn't necessarily favor any special group, including the ARRL. Hopefully the tests, method of testing, band usage, etc. of today's amateur service will improve, and retaining CW at previous rates was not solving the problem. Kudos to the FCC for being willing to move forward with guts rather than look backward with failing memory.

I'm in my 50's, and hopefulle young enough to still engage and enjoy the new realities and technologies that emerge each day. However, the "tomorrows" are owned by the young, and I hope I have enough sense and graciousness to know when to get out of the way. The FCC has taken an important first step. I hope during the year 2000 that they and the amateur community can find some good solutions to the problems we still face and better use of the privileges we enjoy.

73's
Wayne Woodhams, N6WIX
Ventura, California

* Sent from RemarQ http://www.remarq.com The Internet's Discussion Network *
The fastest and easiest way to search and participate in Usenet - Free!

142. Re: Amateur Restructuring, Liberal Democrats, & No-Coders

Newsgroup: rec.radio.amateur.space
Date: 2000-01-11 00:00:00 UTC
From: Dwight Stewart <stewart@amouse.net>
Message-ID: <387AFB9B.F5E914F0@amouse.net>
Source record: 10576
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

"Vince Fiscus, KB7ADL" wrote:
>
> Amateur Restructuring, Liberal Democrats, and No-Coders.
>
> The FCC's restructuring plan shouldn't be a surprise to
> anyone. After all, it comes out of the Liberal Clinton
> Administration. Conservative republicans are willing to work hard
> for their rewards, but Liberal democrat No-Code CB whiners want
> everything handed to them on a silver platter.

License restructuring started under the Reagan and Bush adminstrations
(the no-code license).

Dwight Stewart
Amateur Radio, Technician
F.C.C. License: W5NET
http://www.qsl.net/w5net

143. Re: The END of Ham Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-01-11 00:00:00 UTC
From: 2w8ji@contesting.com
Message-ID: <387b245f.4197423@news.akorn.net>
Source record: 10577
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

Everyone should get back to the real world.

The only thing to come out of all of this will be a sudden surge to "higher class tickets" (that won't really be the same techinal standards as higher class tickets from the past) and more phone band congestion.

There won't be any massive influx of new hams, and the hobby won't suddenly "turn around" and grow.

Testing never stopped the large majority of people from upgrading. It was only the people who lack memorization skills or enough motivation to spend a few hours a week memorizing the test who failed to upgrade.

The lowering of standards has never "pumped new life" into anything.

It'll make lazy people happy, and Kenwood will sell a few radios. Then in a few months it'll all die off and many people will start crowing "why don't we reduce requirements even more?".

If you doubt this, look at CB. CB fizzled desipite essentially being a "free band" with no enforcement and no license required. The only thing that was gained were manufacturers made money selling radios, and the low end of ten meters and proper users of frequencies in and around the 11 meter band were ruined in the process.

73 Tom

144. Re: Amateur Restructuring, Liberal Democrats, & No-Coders

Newsgroup: rec.radio.amateur.space
Date: 2000-01-11 00:00:00 UTC
From: Christopher Cox <cobox@urec.net>
Message-ID: <01bf5c35$c3d80700$327f473f@cbx-nt>
Source record: 10578
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

Vince,

Being a Republican with a strong Libertarian streak, I must ask, just what does Morse code have to do with radio? I mean, telegraphy(sp?) originated on wires are you using it to communicate these long diatribes?

I certainly hope you have done something to further the art of radio communication than manually operating a spst momentary switch and acting as a bio-modem.

Morse code can be fun, and I am personally pushing for my 13 WPM, maybe even 20, but it is for fun. Logically, it has zero to do with the theory, operating practice, or development of Amateur radio.

Please stop crossposting these posts to the sat group. I know not much goes on here, but this condescending saber rattling is NOT on subject.

Thanks

Christopher Cox
KC8FRJ

PS look at the bright side, this initially should have little impact on the A1 band allocations, and possible band crowding may spur more op.'s to use CW as a communication method.

145. Re: Amateur Restructuring, Liberal Democrats, & No-Coders

Newsgroup: rec.radio.amateur.space
Date: 2000-01-11 00:00:00 UTC
From: Dave Hall <nojunkmail_n3cvj@worldlynx.net>
Message-ID: <387B248C.50FC@worldlynx.net>
Source record: 10579
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

Wayne Woodhams wrote:
>
> Amateur Restructuring is not a simple, one-sided issue, although many
> would like to force the many different viewpoints into one small box.
>
> Times are changing, and whether we like it or not, there are realities
> that have to be faced. Here are a few.
>
> The "magic" of your voice (or code) traveling thousands of miles is
> basically gone. I'm old enough to remember well the first color
> televisions, trans-Alantic TV signals, etc. When I first experienced
> amateur radio (as an early teenager), it was beyond belief that you
> could actuall talk to someone long distance wireless. I was even
> awestruck at some cheap walkie-talkies I owned! Now, we communicate
> effortlessly worldwide via the internet, instantly.
>
> Commercial interests want more bandspace, and amateur radio operators
> who are time-frozen in the past have a poor argument to occupy valuable
> spectrum space to discuss their gall bladder surgery, latest bowel
> movement, etc., simply because they grunted it out years ago to meet
> the requirments of 13 wpm, and so on. Amateur radio was intended from
> the start to focus on public service and to encourage growth (in
> electronic knowledge). It was never intended to be a static,
> backward-looking social club, remembering the "good ole days". The
> very nature of amateur radio points forward.
>
> The technical aspects of amateur radio have changed incredibly. Twenty
> years ago, you could still work on your own car (plugs, oil change,
> tune-up). Check out the lastest cars, and tell me how much you
> understand. The people I first met in amateur radio built their own
> rigs (early 60's). Today, that same rig would splatter unacceptably
> all over the band. Then, most built their own. Today, probably 98%
> use quality, name brand, sophisticated rigs, with tight specs on both
> transmit and receive. It's a changing world.
>
> YES, some things could get better. Getting rid of the corruption in
> the VE program would help. Riley Hollingsworth has been extremely good
> news for the hobby. But perhaps we should require computer aptitude
> tests as part of the hobby (to weed out the old farts). Maybe we
> should ban discussions of all personal health problems, not to mention
> useless nets, that accomplish little. Simply passing the CW and
> written test back then is not a lifelong license to sit back, and reap

> the "reqards" forever in careless, meaningless blabber. I have always
> been in favor of amateur radio operators having to provide "evidence"
> for their continued re-licensing, such as proof of public service,
> classes taught, projects involved with, etc, much as medical
> professionals have continuing education to keep them sharp. One
> statement the FCC made in their R&O was that there was basically no
> correlation between those who learned CW, and those who were proper
> station operators, or were significantly involved in public service. I
> couldn't agree more. What right does a 30-40 year Ham veteran have to
> needlessly blab on, using maximum power (or more), with poor antenna
> matching, and generally abusing the spectrum. Yet, that person is
> exactly the same person who will argue themselves blue in the face
> about the need to keep the code, etc. They need a reality check.
>
> There is plenty to compliment and plenty to criticize in amateur radio
> today. I compliment the FCC for having the guts and sense of REALITY
> to not only face the real facts of the day, but to do so in a way that
> doesn't necessarily favor any special group, including the ARRL.
> Hopefully the tests, method of testing, band usage, etc. of today's
> amateur service will improve, and retaining CW at previous rates was
> not solving the problem. Kudos to the FCC for being willing to move
> forward with guts rather than look backward with failing memory.
>
> I'm in my 50's, and hopefulle young enough to still engage and enjoy
> the new realities and technologies that emerge each day. However, the
> "tomorrows" are owned by the young, and I hope I have enough sense and
> graciousness to know when to get out of the way. The FCC has taken an
> important first step. I hope during the year 2000 that they and the
> amateur community can find some good solutions to the problems we still
> face and better use of the privileges we enjoy.
>

Frank, no-nonsense comments that are pretty much on the mark.
Unfortunately, while those of us who already see the light, will agree
with you, those that refuse to accept another perspective, will argue
their dogma until the ground reclaims them. What's that about teaching
an old dog new tricks?

Like the old saying, "try to tell a nut that he's nuts, and he'll swear
that you're crazy".

Dave

146. Re: The END of Ham Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-01-11 00:00:00 UTC
From: Dave Hall <nojunkmail_n3cvj@worldlynx.net>
Message-ID: <387B286A.CA8@worldlynx.net>
Source record: 10580
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

Nicholas Geovanis wrote:
>
> On Mon, 10 Jan 2000, Dave Hall wrote:
> > Nicholas Geovanis wrote:
> > >
> > > If YOU are a courteous operator with wide, deep technical knowledge,
> > > then YOU are a valuable radio amateur. One could match my description and
> > > hold a General license or below, or even no amateur license at all if you
> > > worked, say, in military or commercial communications.
> >
> > Yes, but look at the other side, with the testing requirments as they
> > now stand, a person with substantially LESS technical knowledge, skill
> > and discipline can obtain a high level ham license, with little actual
> > work. So the "value" of the license has been degraded, since it is no
> > longer necessary to be a "tech whiz" to get one.
>
> So what? Are you interested in collecting licenses, or are you interested
> in radio? If you're interested in radio, then your license is just as
> valuable as your radio skills, no more and no less. If you're interested
> in licenses, then, I dunno, take-up fishing. You can get a license from
> every state!

Then why to people go to college to get a degree? That "piece of paper",
like a ham license, is a symbol of what you've endured in order to EARN
the privilege of being what you are.

I know sveral "computer whiz" guys, that are 100% self taught. They
attack thier hobby, with intense enthusiasm, and are probably as smart,
if not smarter, than "book taught" college guys. But you know what? when
it comes to finding a high level computer job, they have it tough
because they lack the PROOF (the piece of paper) that says that they
really know what they are doing.

>
> > Once upon a time, a ham license looked good of a job application or
> > resume. Participation in what was then "the" technical hobby, was a
> > testimony that the job applicant knew enough to pass the tests, which
> > meant something to a manager looking to hire technicians or engineers.
> > Today, that is no longer true, except for some specialized
> > communications fields.
>
> Here's my angle: I am looking at the person, not the paper. I guess that
> I'm too old-fashioned, eh?

You cannot ascertain, with any certainty, the level of qualification a person has, through a simple personal interview. Remember, you might LIKE the person, but the fact that he shot a 65 on the last 18 holes, drives the same kind of car, and has a hot looking girlfriend, mean nothing as far as far as job qualification goes. Any documentation, licenses, degrees, etc, that someone has is a testament, to their skill level. A ham radio license used to be highly regarded in that vein. Today, that is not as true.

>
> > And it is still true that the value something has, to its owner, is
> > directly proportional to how much effort one had to expend to get it.
>
> Congratulations! You have identified the problem: The man is obsessing on
> "getting it". Getting what? A piece of PAPER. Forget the piece of paper.
> What matters is the knowledge, the experience, the fun. Paper is made from
> dead wood.
>

The "piece of paper" is only a symbol. It's what it stands for that's important. A ham radio license is only the starting point. Hopefully, a person will learn more after being licensed. But for many, the achievement of the license, is acknowlegement that they've reached a milestone in their goals. Life is but a series of goals. Why diminish the value of someone's goals?

Dave

147. Re: The END of Ham Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-01-11 00:00:00 UTC
From: Dave Hall <nojunkmail_n3cvj@worldlynx.net>
Message-ID: <387B2CCD.1E00@worldlynx.net>
Source record: 10581
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

Michael Moore wrote:
>
> Dave Hall wrote:
> > Yes, but look at the other side, with the testing requirments as they
> > now stand, a person with substantially LESS technical knowledge, skill
> > and discipline can obtain a high level ham license, with little actual
> > work. So the "value" of the license has been degraded, since it is no
> > longer necessary to be a "tech whiz" to get one.
>
> Licenses are not degrees. They are no more than permits. Thier value
> should be nominal.

The license is basically a permit, but it is also the permit to operate some potentially dangerous equipment. Equipment that can cause harm in some cases, and interference in others, if not operated properly. By passing the "permit" exam, you are basically providing proof that you know enough (in theory) to stay out of trouble. If for no other reason, that is what makes licensing necessary.

Why do we license drivers (Other than the cynical answer "to fund the governement via fees")? Would you feel safe on the road, if you were aware that people did not have to pass some minimum skill and safety testing before being allowed out there with you?

> You should evaluate an individual ham by his/her actions, not by his/her license.

True. But that still does not diminish the value of the license as a certification.

> Besides, one doesn't really need to be a "tech whiz" to be on air.

Ask any CBer and he'll agree with you. But is that what we want for ham radio?

> But for those that are "tech whiz's", well congratulations. If "tech whiz's"
> are looking for paper recognition (which is silly in my view), then perhaps a
> note or something could be attached to his/her license -- however, there is no
> need for assigning radio permissions based on this.

There certainly IS. I'm sorry, but you can't tell me that a person should be given the responsibility to run a 1.5 KW station, with variable frequency control, with the potential to cause harmful interference, harmful radiation, and the potential for self injury if used improperly, without some form of testing first? That's insane! The more you know (and can demonstrate) the more privileges you should have.

If you just want to yack with your "bro's", then use the internet,
phone, or stick with low power radio services. That way you can't hurt
yourself or anyone else.

>
> > It's no different than the bogus network "certification", that
> > Mickey-soft and Novell started for computer professionals. It's a piece
> > of paper, that says that you know something. The difference is that MS
> > and Novell are making big bucks off of everyone that studies and takes
> > the test. But it's only worth something if you recognize the validity of
> > the testing methodology.
>
> Are there people getting paid on the basis of their amateur standing?
> Sort of gives new meaning to the term "amateur".

It's an analogy. You drew the wrong parallel. This has nothing to do
with who's getting paid for what. It's about the recognition of
certification, and the value that it projects.

>
> > Once upon a time, a ham license looked good of a job application or
> > resume. Participation in what was then "the" technical hobby, was a
> > testimony that the job applicant knew enough to pass the tests, which
> > meant something to a manager looking to hire technicians or engineers.
> > Today, that is no longer true, except for some specialized
> > communications fields.
>
> How about getting a degree/diploma from a school?

What's the difference? What good is that "piece of paper", if more
people think like you do?

>
> > Maybe we just want to make sure that everyone who plies the ham
> > frequencies has enough technical knowlege to keep them out of trouble,
> > and enough responsibility and maturity, that they won't cause trouble.
>
> Exactly.
>
> > And it is still true that the value something has, to its owner, is
> > directly proportional to how much effort one had to expend to get it.
> > If you had to apply yourself for the better part of 3 or 4 months
> > preparing for, and passing the test for a ham license, you will be
> >less likely to abuse the privilege, than someone who just signed on
> >the dotted line. That's human nature.

>
> Regardless of how long it takes to study for the ham exam, the exam
> should nonetheless be relevant to the requirements of operating ham
> radio. That is, while the exam should take into consideration
> requirements, it should not place too much emphasis on those things that
> are merely desirable.

No arguement there. But the line between "required" and "desirable" can be subjective. What's required to you, may not be for another person. That's why we have the FCC, who hopefully has the foresight to make that decision in an unbiased manner.

Dave

148. Re: The END of Ham Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-01-11 00:00:00 UTC
From: Dave Hall <nojunkmail_n3cvj@worldlynx.net>
Message-ID: <387B303F.7812@worldlynx.net>
Source record: 10582
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

Bill Nelson wrote:
>
> In rec.radio.cb Dave Hall <nojunkmail_n3cvj@worldlynx.net> wrote:
>
> : It's no different than the bogus network "certification", that
> : Mickey-soft and Novell started for computer professionals. It's a piece
> : of paper, that says that you know something. The difference is that MS
> : and Novell are making big bucks off of everyone that studies and takes
> : the test. But it's only worth something if you recognize the validity of
> : the testing methodology.
>
> Funny. I just received e-mail from MS today - offering their Certified
> Network Engineer (or whatever it is) class. The cost is $8000, but they
> pay me $10,000 when the class is completed.

There's a catch there somewhere. You probably have to pledge your first
born as a sacrifice to the anti-christ (Bill Gates) :^

>
> : Maybe we just want to make sure that everyone who plies the ham
> : frequencies has enough technical knowlege to keep them out of trouble,
> : and enough responsibility and maturity, that they won't cause trouble.
>
> The knowledge requirement went away as soon as they started publishing
> the question pools. It then became a matter of memorization.

I didn't say that the current testing was perfect. I agree that you
should be required to LEARN the materrial, rather than simply memorizing
Q&A's.

> Nothing in the Amateur testing has ever guaranteed that the person would
> be either mature or responsible - or that they wouldn't cause trouble.

Nothing in the driver's license exam guarantees that either. But
hopefully, it DOES show that they've achieved the very basic minimums,
and hope that the person has some common sense as well.

> : And it is still true that the value something has, to its owner, is
> : directly proportional to how much effort one had to expend to get it. If
> : you had to apply yourself for the better part of 3 or 4 months preparing
> : for, and passing the test for a ham license, you will be less likely to
> : abuse the privilege, than someone who just signed on the dotted line.
> : That's human nature.
>

> Maybe. Or maybe someone who had to work hard would ignore legal
> requirements when he/she though it possible to get away with it,
> as a "right" for having to work so hard.

That is certainly one distroted way that some people view life. Some
people think that they have more "rights" than they are entitled to.
This sort of "spoiled thinking" is based on, IMHO, having never been
taught the meaning of the word "NO" as a child.

>
> I don't know why the old Extra holders are so upset about the new rules.
> It does not degrade THEIR efforts, or lessen the value of their licenses.

Don't tell me, tell them. It's all about symbolism, I'm sure.

>
> Remember when you had to hold a license for 10-20 years (I forget how long)
> before you were eligible to apply for an Extra Class license?
>
> Personally, I feel that the publishing of the question pool is wrong, but
> it is only my opinion. I believe a person should have practical knowledge,
> not just a bunch of memorized information.

Agree 110%

>
> On the other hand, I have more respect for the recent no-code tech who
> behaves himself on 2 meters, and maybe plays with packet radio a bit, than
> I do for the notorious groups of troublemakers on 75 meters and elsewhere.

Also agree! Many old timers put down the no-coders, under the
mis-informed, preconceived, sterotypical, notion, that no-coders are
nothing more than CBers. I don't think they will even get it through
their thick skulls, that there are some really talented communications
guru's in the making on VHF/UHF thanks to the no-code license. THEY will
be the ones that finally bring ham radio into the digital age, not the
old time CW ops, still passing traffic (and wind) the old fashioned way.
In the time it takes them to copy one piece of traffic, a modern digital
network can send a hundred times that amount across the entire globe and
back.

Dave

>
> --
> Bill Nelson (billn@peak.org)

149. Sats @ +1.2GHz

Newsgroup: rec.radio.amateur.space
Date: 2000-01-11 00:00:00 UTC
From: Ash <ash@telia.com>
Message-ID: <387B45B8.983771FB@telia.com>
Source record: 10583

Is there any sats , preferably geostationary, transmitting anything
(data/beacons etc)
at 1.2-1.3GHz? It would prove useful testing equipment such as low-noise
amps and feedhorns etc.
Please email me if you know of any...

Regards, Anders G.

150. Re: Amateur Restructuring, Liberal Democrats, & No-Coders

Newsgroup: rec.radio.amateur.space
Date: 2000-01-11 00:00:00 UTC
From: K0HB@aint.it.awful.org
Message-ID: <85fl2lqop1@news.netmar.com>
Source record: 10584
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,

In a previous article, <vlfiscus@mcn.net> writes:
>Amateur Restructuring, Liberal Democrats, and No-Coders.
>
>The FCC's restructuring plan shouldn't be a surprise to
>anyone. After all, it comes out of the Liberal Clinton
>Administration. Conservative republicans are willing to work hard
>for their rewards, but Liberal democrat No-Code CB whiners want
>everything handed to them on a silver platter. The democrat
>whiners want to get ham licenses as easy as they get their welfare
>checks. And the Liberal FCC, part of the Liberal Clinton
>Administration gave the Liberal No-Code CB whiners what they
>wanted, and the rest of us got shafted. Liberal Democrats like
>to steal treasures from the hard workers, and give to those who spend most
>of their time waiting for another government hand-out. When liberals do
>this, it makes them feel important & needed.

Uhhhhh, I think no-Code amateur radio in the USA was instituted by
the Reagan/Bush administrations.

>Quote of the Day:

"Beware of the man who works hard to learn something,
learns it, and finds himself no wiser than before.
He is full of murderous resentment of people who
are ignorant without having come by their ignorance
the hard way."
--Bokonon, Cats' Cradle

73, Hans, K0HB

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----- http://newsone.net/ -- Discussions on every subject. -----
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made through NewsOne.Net violate posting guidelines, email abuse@newsone.net

151. Re: Sats @ +1.2GHz

Newsgroup: rec.radio.amateur.space
Date: 2000-01-11 00:00:00 UTC
From: Paul Keinanen <keinanen@sci.fi>
Message-ID: <d5mm7s8k4r1rm0bln7phnfn7oo1gqsg689@4ax.com>
Source record: 10585

On Tue, 11 Jan 2000 15:01:15 GMT, Ash <ash@telia.com> wrote:

>Is there any sats , preferably geostationary, transmitting anything
>(data/beacons etc) at 1.2-1.3GHz?

There is no amateur satellites transmitting, since the 1260-1270 MHz band is only for uplink.

The GPS L2 is at 1227.6 MHz and the Glanoss L2 frequencies are at various center frequencies at 1246 Mhz + 437.5 kHz x n (n=1..24). Due to the 10 Mhz spread spectrum modulation used, these signals are very hard to detect.

Higher up in the band there are (or at least has been) some low orbit remote sensing satellites. Do a web search for L-band and for remote sensing. This should return some pointers to these satellites.

152. Re: Amateur Restructuring, Liberal Democrats, & No-Coders

Newsgroup: rec.radio.amateur.space
Date: 2000-01-11 00:00:00 UTC
From: bumologist@pipeline.com
Message-ID: <MPG.12e537c7d695d7799896d3@news.pipeline.com>
Source record: 10586
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

In article <s7ljsb9moj831@news.supernews.com>, vlfiscus@mcn.net says...
> Amateur Restructuring, Liberal Democrats, and No-Coders.
>
> The FCC's restructuring plan shouldn't be a surprise to
> anyone. After all, it comes out of the Liberal Clinton
> Administration. Conservative republicans are willing to work hard
> for their rewards, but Liberal democrat No-Code CB whiners want
> everything handed to them on a silver platter. The democrat
> whiners want to get ham licenses as easy as they get their welfare
> checks. And the Liberal FCC, part of the Liberal Clinton
> Administration gave the Liberal No-Code CB whiners what they
> wanted, and the rest of us got shafted. Liberal Democrats like
> to steal treasures from the hard workers, and give to those who spend most
> of their time waiting for another government hand-out. When liberals do
> this, it makes them feel important & needed.
>
> restructured Ham = Welfare Ham.
>
>
> Quote of the Day:
> The FCC served me a shit sandwich... but I can't see any bread.
> KB7ADL, Jan. 2000
>
> 73
>
> dhstadt@ameritech.net (Dave Stadt) wrote in
> <YVte4.830$Qp3.20074@nntp0.detroit.mi.ameritech.net>:
> >Yep the end is near, get out now while you can and send me all your
> >radios.
> > >
>
>>>To link up the restructuring with liberal politics is just plain
wacky.The Reagan/Bush "controlled" FCC started it,they just didn't take
it far enough.I would have liked the code abolished,but I've always
disliked code,to put it mildly.And yes,I paseed my 5wpm back in high
school in 1973,had a couple of qso's,and threw the liscense in a
drawer,and never used it again.I don't understand the "religion"of
CW at all.Just listen to 3950 or 14313,it proves CW makes people insane!

Barry

153. Re: Instant Track

Newsgroup: rec.radio.amateur.space
Date: 2000-01-11 00:00:00 UTC
From: "R.L. Tannehill, P.E." <rickw7rt@mail.firstinter.net>
Message-ID: <387B75C9.1BAF@mail.firstinter.net>
Source record: 10587

```
Carl R. Stevenson wrote:
>
> -----BEGIN PGP SIGNED MESSAGE-----
> Hash: SHA1
>
> "R.L. Tannehill, P.E." <rickw7rt@mail.firstinter.net> wrote in message
> news:38739561.44C1@mail.firstinter.net...
> >
> > Carl, there's a fix/patch already on the AMSAT web site for the problem
> > you describe. I used it on my Pentium 350 at home and 400 at work, and
> > it works just fine. I understand that the v1.5 for y2k is still in the
> > works. Any time now?
> >
> > Rick T.
> > W7RT
> >
>
> The patch for trashed text in the map screens does NOT work on my
> systems, which use the S3 VIRGE video chipset.
>
> 73,
>
> - --
> Carl R. Stevenson - wa6vse
> <mailto:wa6vse@fast/net>
> <http://www.users.fast.net/~wa6vse>
> - ------------------------------------------------------
> NCI-1052
> Director, No Code International
> Fellow, The Radio Club of America
> Senior Member, IEEE
> Member, TAPR
> Member, ARRL
> - ------------------------------------------------------
> Join No Code International! Hams for the 21st Century.
> Help assure the survival and prosperity of ham radio.
> <http://www.nocode.org>
>
> -----BEGIN PGP SIGNATURE-----
> Version: PGP for Personal Privacy 5.5.3
>
> iQA/AwUBOHPXwpe+N6+q84HiEQLB8wCg0lh06u9t19dgZPdQRMinVjzZmUoAn2FC
> zv0VgwMR8d+NpncDFvLA8Nwa
> =IbJN
```

> -----END PGP SIGNATURE-----

OOPS! Sorry about that.

R.T.

154. Re: Is NASA TV Link (GE2 x5) Encrypted?

Newsgroup: rec.radio.amateur.space
Date: 2000-01-11 00:00:00 UTC
From: Eavesdropper <ian@eavsdropper.dabsol.co.uk>
Message-ID: <u%Ke4.1650$L4.7925@wards>
Source record: 10588

oop,s that will teach mre to read previous mails...it is encrypted
apparently :-) doeas not help when we cannot receiver it though :-)

ian k

--
Eavesdroppers signal decode site
www.eavsdropper.dabsol.co.uk
Eavesdropper <ian@eavsdropper.dabsol.co.uk> wrote in message
news:LSoe4.1289$T3.1111@stones...
> Hi Matt,
> You would find it unlikely to receive the GE bird in the UK as it is at 85
> deg west and over our horizon I dont think it is currently encrypted but I
> am not certain of that.. I have been patiently trying to find someway of
> getting a transponder to carry it 24hrs in our region but so far no luck.
>
> The ESA are currently doing some small amount of space TV via Eutelsat to
> see morew go here http://television.esa.int/
> they do have a little Nasa tv every now and then like launches etc but
appx
> only 30 mins a day and you will need a digital "free to air" satellite
> receiver like the Nokia mediamaster to get it aswell.
>
> ian k.
>
>
> mattg7obr <mattg7obr@netscapeonline.co.uk> wrote in message
> news:387A1910.866475D5@netscapeonline.co.uk...
> > Hi all
> >
> > Does anyone know if there is a feed to europe of nasa tv , i have
e-mailed
> > nasa and never got a reply ,i know alot of satellite people over here
> > would like to watch it even if it was a few hours a week,
> >
> > any infomation would be apprecated
> >
> > 73 matt G7OBR
> >
> > Bob Winingham wrote:
> >
> > > JamesOberg wrote:
> > > >
> > > > Is NASA TV Link (GE2 x5) Encrypted?
> > > >

> > >
> > > yes, and NON-Profit HAM clubs can get the key/card
> > > Took 2+ months for our local Dallas ATV to get it after sending in the
> > > paper work.
> >
>
>

155. itrack help please

Newsgroup: rec.radio.amateur.space
Date: 2000-01-11 00:00:00 UTC
From: john <johnjr@m1cuu.freeserve.co.uk>
Message-ID: <85g190fmu1@news6.svr.pol.co.uk>
Source record: 10589

i have instant track v 1.00b and now find that its not y2000
compatible....all the latest keps i dnload are way out....does some one have
a patch for this sat program please ???

thanks

--
from john randall - m5abs
url : http://www.m1cuu.freeserve.co.uk
email : johnjr@m1cuu.freeserve.co.uk
check my url for a demo version of my grid locator software.

156. Re: The END of Ham Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-01-11 00:00:00 UTC
From: randas@mindspring.com
Message-ID: <85g7kv$u1g$1@nntp5.atl.mindspring.net>
Source record: 10590
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy

Very good comments Tom... I think there will be a large shift of hams to other bands...not the new inrush others think will happen. A lazy no-coder will still be where he is now...on the out side looking in. If I were a commercial interest wanting uhf-vhf freq allocations that are currently assigned to hams...I would directly and indirectly support the restructuring. The big push will be hams switching to working HF instead of the high bands that are under attack from outside forces. The end result will be fewer hams on the bands needing protecting...and the manufactures selling more gear. Its funny all the people who were sold down the river for money are the ones smiling as they float down stream.

I'll live and get over it.

de Tim K0FL

Tom W8JI <2w8ji@contesting.com> wrote in message
<387b245f.4197423@news.akorn.net>...
>Everyone should get back to the real world.
>
>The only thing to come out of all of this will be a sudden surge to
>"higher class tickets" (that won't really be the same techinal
>standards as higher class tickets from the past) and more phone band
>congestion.
>
>There won't be any massive influx of new hams, and the hobby won't
>suddenly "turn around" and grow.
>
>Testing never stopped the large majority of people from upgrading. It
>was only the people who lack memorization skills or enough motivation
>to spend a few hours a week memorizing the test who failed to
>upgrade.
>
>The lowering of standards has never "pumped new life" into anything.
>
>It'll make lazy people happy, and Kenwood will sell a few radios. Then
>in a few months it'll all die off and many people will start crowing
>"why don't we reduce requirements even more?".
>
>If you doubt this, look at CB. CB fizzled desipite essentially being
>a "free band" with no enforcement and no license required. The only
>thing that was gained were manufacturers made money selling radios,
>and the low end of ten meters and proper users of frequencies in and
>around the 11 meter band were ruined in the process.

>
>73 Tom

157. Re: The END of Ham Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-01-11 00:00:00 UTC
From: Mike Yetsko <joe@user.com>
Message-ID: <oRNe4.4404$iZ1.199537@newsread2.prod.itd.earthlink.net>
Source record: 10591
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy

I think you're right TIM in the aspect of people doing the sudden
upgrade,
but to refer to all the techs as "lazy no-coder"s speaks volumes of
your personality.

I've said this before, and I'll say it again. HAMs brought all these
changes on themselves. Some people tried to warn about it, but
the problem was it wasn't an illness, it was a suicide, brougt on by
selfish elitism attitudes like this.

And you're just going to continue the downward spiral common to those
that fail to face reality, not even realizing that HAM radio is what you
make it for yourself, not want some self inflated bozo thinks is
important for everybody because it's important for him.

HAM radio will survive this change, but not by actions like this. It
will survive because there will be people out there who aren't so
insecure in their own abilities that that have to berate anything
different from their frame of reference. HAMs that will be the
elmers of tomorrow.

You know what you REALLY remind me of? CBers who declare
"THIS IS MY CHANNEL!!" Hope that label fits you, cause you
wear it well.

Mike

158. Re: The END of Ham Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-01-11 00:00:00 UTC
From: randas@mindspring.com
Message-ID: <85gcga$a1g$1@nntp5.atl.mindspring.net>
Source record: 10592
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy

Gee Mike can you write a paragraph without an insult..?? If I wanted to insult you I would email you direct. The restructuring affects me very little. Funny thing here is I agree with you that hams brought this on themselves. Although I don't believe I do...if I had an selfish elitism attitude, or if I was a self inflated bozo, or self inflated bozo, I have the right as a free born American to be just that. But as I said before, I agree that hams brought this all on themselves..and I really don't give a hoot one way or the other. My operation is mostly cw and digital. All the upgraded hams won't bother me a bit. But one thing I will add is that I do feel sorry for the new upgraded ham in one sense. I'm sorry they will never experience the same ham radio I had the privilege of being a part of for 20 plus years. If you listen to the talk on 75m or 20m you hear many groups of hams that will not welcome the newly upgraded hams. Most of these groups have been on the same freq for decades..and they will resist any thing they consider an intrusion. By human nature..when these new people are shunned on the band they will resent it and lash out one way or the other. Some will be good operators and just find each other on another freq. Others will start a QRM war that will never come under control. Its not something that anyone wants...I just don't see how it can be avoided. If you think the code/nocode debate was bad...or the 3.950/14.313 barf/stumpjumpers/liberty net fighting was bad. It will look like childs play when this all comes to full bore. It makes me wonder if all this was meant to allow ham radio to finally cut its own throat.

If I insulted you personally with my lazy no-code statement Mike..I'm sorry. I'm not looking for enemies..I suggest you don't also. But what the hell ..at least we both sign our names to what we type...hi

de Tim K0FL

Mike Yetsko wrote in message ...
>
>I think you're right TIM in the aspect of people doing the sudden
>upgrade,
>but to refer to all the techs as "lazy no-coder"s speaks volumes of
>your personality.
>
>I've said this before, and I'll say it again. HAMs brought all these
>changes on themselves. Some people tried to warn about it, but
>the problem was it wasn't an illness, it was a suicide, brougt on by
>selfish elitism attitudes like this.
>
>And you're just going to continue the downward spiral common to those

>that fail to face reality, not even realizing that HAM radio is what you
>make it for yourself, not want some self inflated bozo thinks is
>important for everybody because it's important for him.
>
>HAM radio will survive this change, but not by actions like this. It
>will survive because there will be people out there who aren't so
>self inflated bozo that that have to berate anything
>different from their frame of reference. HAMs that will be the
>elmers of tomorrow.
>
>You know what you REALLY remind me of? CBers who declare
>"THIS IS MY CHANNEL!!" Hope that label fits you, cause you
>wear it well.
>
>Mike
>
>
>
>
>

159. Re: The END of Ham Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-01-11 00:00:00 UTC
From: "W5TIT, Kim Walker" <kw5tit@hotmail.com>
Message-ID: <C3DA9CE188805D98.610E23E817B45753.7C9470CE930F8864@lp.airnews.net>
Source record: 10593
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy

randas@mindspring.com wrote:
>
> But what the hell..at least we both sign our names to what we type...hi
>
> de Tim K0FL
>

Here, here! It's easy to have opinions when you don't have own them,
eh?

Kim W5TIT

160. Re: Brush up on your 10-Codes Old-Timers.

Newsgroup: rec.radio.amateur.space
Date: 2000-01-11 00:00:00 UTC
From: Quux <crouchingllama@netscape.net>
Message-ID: <052897bc.e4448d2b@usw-ex0101-005.remarq.com>
Source record: 10594
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

So much to piss and moan about, so little time....

A+ for effort, though.

* Sent from RemarQ http://www.remarq.com The Internet's Discussion Network *
The fastest and easiest way to search and participate in Usenet - Free!

161. ALQUEVA DAM

Newsgroup: rec.radio.amateur.space
Date: 2000-01-11 00:00:00 UTC
From: cc <carlos.cortes@usa.net>
Message-ID: <85futslnr6@duke.telepac.pt>
Source record: 10595

ALQUEVA DAM
With The maximum height of 96 meters, it will create a lagoon with an area
of 250Km2, of which 35Km2 are situated in Spain. It will have a total
capacity of 4150 hm3, of which 3150hm3 are utilized.
HIDROELECTRICAL CENTRAL
Equipped with 2 turbine/pumps with 120 MVA each, capable of producing around
350 giga/watts a year, double the necessary to supply both ?vora and Beja
districts.
The other infrastructures are : Pedrog?o Dam, Primary irrigation system.
The 18 e 19 of March operation, will be organized by A.R.V.M. in
collaboration with Agr.61 of Santa Maria dos Olivais and the objective is,
to give one last opportunity for the radio amateurs all over the world, to
contact this village that will soon be completely submerged by the waters of
the Alqueva Dam.
We will be on the air for 48 hours.
So that we can remember Aldeia da Luz in a different way, we are determined
to organize this activity so that it will be a milestone within the national
radio amateurs
Looking forward to the 18 & 19 of March.
A.V.R.M.
73?s
www.qsl.net/arvm/aldeiadaluz/
www.qsl.net/arvm/
arvm@mail.telepac.pt
_/_/_/

empenhados em realizar esta actividade de forma a ser um marco no
radioamadorismo nacional.
At&#65533; aos pr&#65533;ximos dias 18 & 19 de Mar&#65533;o.
73&#65533;s
www.qsl.net/arvm/aldeiadaluz/
www.qsl.net/arvm/
arvm@mail.telepac.pt

162. Commercial satcom

Newsgroup: rec.radio.amateur.space
Date: 2000-01-12 00:00:00 UTC
From: "Tom Z." <tomz@dodgecity.net>
Message-ID: <387C8A5E.28505549@dodgecity.net>
Source record: 10499

Is anyone interested in discussing the half-duplex service provided by American Mobile?
Unlimited usage for a flat fee. It could be used to help further your hobby by providing reliable communications within an invitation only format (no uninvited users).
This technology follows a standard trunking format with their GEO bird acting as the repeater platform. It has line of sight beam coverage throughout North and Central America. 10,000 subscribers per talkgroup, 256 sub groups, private "one-on-one" between any two subscribers. Current Westinghouse terminals will support one master group, one private call group and 14 sub group selections.
Positive transmitter identification, emergency override plus many more features.
This technology can be used for emergency management, storm chasers, law enforcement. . . .even hobby communications.

What do all of you think about this concept?

There is a very fine line between "hobby" and "mental illness." - Dave Barry

163. Re: Linux SatTrack

Newsgroup: rec.radio.amateur.space
Date: 2000-01-12 00:00:00 UTC
From: marsgal42@hotmail.com
Message-ID: <85in6g$hk7$1@nnrp1.deja.com>
Source record: 10500

In article <slrn8773en.oug.nomail@linux.pe1chl.ampr.org>,
nomail@rob.knoware.nl (Rob Janssen) wrote:
>
> Did you apply the patch that I posted?

Yes, and it now works fine. Thanks.

And if anybody else is looking for it, look for one of
Rob's messages in the thread on InstantTrack, which is
why it took so long for me to find it. :-)
--
Laura Halliday VA3LDH "Que les nuages soient notre pied
Grid: FN03gs a terre..." - Hospital/Shafte
Satellite: VA3SFL on AO-16, UO-22, KO-23, KO-25

Sent via Deja.com http://www.deja.com/
Before you buy.

164. Re: Amateur Restructuring, Liberal Democrats, & No-Coders

Newsgroup: rec.radio.amateur.space
Date: 2000-01-12 00:00:00 UTC
From: yeahright@dopefish.com
Message-ID: <387ccee5.4054073@news.thegrid.net>
Source record: 10501
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

Sounds like some people are doing some useless babble!
The restructuring doesnt make it easier for people to become hams!!!
You still have to pass your no-code exam and then pass 5wpm to
upgrade!! Whats the big deal??? Clinton administration didnt do
anything for me except give me a JOB and the ability to further my
education!! When has a republican did that for you? I can agree that
ALL POLITICIANS SUCK!!!!, but think before you speak!!

I hear all stating that tax cuts for the rich cause more circulation
of us funds... Yes it does, Right into another rich persons hands...
Therefore nothing is gained!!! 0=0

Who do you think forced SDMV to cut there reg fee's? Wasn't a
republican!!!

Start Giving to the people that make the world and not to those who
rule the world!!

On Tue, 11 Jan 2000 06:36:59 GMT, vlfiscus@mcn.net (Vince Fiscus,
KB7ADL) wrote:

>Amateur Restructuring, Liberal Democrats, and No-Coders.
>
>The FCC's restructuring plan shouldn't be a surprise to
>anyone. After all, it comes out of the Liberal Clinton
>Administration. Conservative republicans are willing to work hard
>for their rewards, but Liberal democrat No-Code CB whiners want
>everything handed to them on a silver platter. The democrat
>whiners want to get ham licenses as easy as they get their welfare
>checks. And the Liberal FCC, part of the Liberal Clinton
>Administration gave the Liberal No-Code CB whiners what they
>wanted, and the rest of us got shafted. Liberal Democrats like
>to steal treasures from the hard workers, and give to those who spend most
>of their time waiting for another government hand-out. When liberals do
>this, it makes them feel important & needed.
>
>restructured Ham = Welfare Ham.
>
>
>Quote of the Day:
>The FCC served me a shit sandwich... but I can't see any bread.
>KB7ADL, Jan. 2000
>
>73

>
>dhstadt@ameritech.net (Dave Stadt) wrote in
><YVte4.830$Qp3.20074@nntp0.detroit.mi.ameritech.net>:
>>Yep the end is near, get out now while you can and send me all your
>>radios.
>>

165. Place to get Keps???

Newsgroup: rec.radio.amateur.space
Date: 2000-01-12 00:00:00 UTC
From: wcovexip@NO_SPAMMptialaska.net
Message-ID: <s7pmd8icoj854@corp.supernews.com>
Source record: 10502

Is there a URL that has NASA 2line KEPS for common Sat's that can be
downloaded as a file???

Bruce (semiretired powderman & exFCC Field Inspector for Southeastern
Alaska)

Bruce Gordon * Debora Gordon R.N. Bruce's Trading Post
P.O. Box EXI Excursion Inlet South
Juneau, Alaska 99850 Excursion Inlet, Alaska 99850

University of Alaska Remote Weather Data Collection Site
fnbeg@aurora.alaska.edu WDT-59 KWO-70 KNEG-586
wcovexip@ptialaska.net Wards Cove Packing Co.
btpost@eagle.ptialaska.net AL7AQ@KL7HFI * KL7WJ@KL7HFI

**** Have bandwidth and connection Will communicate ****

166. Re: Linux SatTrack

Newsgroup: rec.radio.amateur.space
Date: 2000-01-12 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn87pr28.hmh.nomail@linux.pe1chl.ampr.org>
Source record: 10503

marsgal42@hotmail.com <marsgal42@hotmail.com> wrote:
>In article <slrn8773en.oug.nomail@linux.pe1chl.ampr.org>,
> nomail@rob.knoware.nl (Rob Janssen) wrote:

>> Did you apply the patch that I posted?

>Yes, and it now works fine. Thanks.

>And if anybody else is looking for it, look for one of
>Rob's messages in the thread on InstantTrack, which is
>why it took so long for me to find it. :-)

It should not be too easy... ;-)

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

167. patch to make SatTrack work in 2000

Newsgroup: rec.radio.amateur.space
Date: 2000-01-12 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn87ps7d.j7b.nomail@linux.pe1chl.ampr.org>
Source record: 10504

```
Well, I'll post this again under a more meaningful title so that
it is easier to locate for people searching with DejaNews etc.

The patch below makes SatTrack 3.1.6 (as found on many sites carrying
FreeBSD mirrors) work after Jan 1, 2000. Most of this program seems
to be designed with Y2K in mind, but a single issue was missed. The
patch below is one of the ways to fix it.

Rob

diff -cr SatTrack-3.1.6/src/sattrack/sattime.c SatTrack/src/sattrack/sattime.c
*** SatTrack-3.1.6/src/sattrack/sattime.c Sat Jan 4 22:19:08 1997
--- SatTrack/src/sattrack/sattime.c Sat Jan 1 14:19:51 2000
***************
*** 269,275 ****
if (gdnY < 50) /* allow 4 or 2 digit year specifications */
gdnY += 2000;
else
! if (gdnY < 100)
gdnY += 1900;

result = (long) ((((gdnY-1901)*1461) >> 2) + monthDays[gdnM-1] + gdnD+365);
--- 269,275 ----
if (gdnY < 50) /* allow 4 or 2 digit year specifications */
gdnY += 2000;
else
! if (gdnY < 200)
gdnY += 1900;

result = (long) ((((gdnY-1901)*1461) >> 2) + monthDays[gdnM-1] + gdnD+365);
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+
```

168. Re: itrack help please

Newsgroup: rec.radio.amateur.space
Date: 2000-01-12 00:00:00 UTC
From: "R.L. Tannehill, P.E." <rickw7rt@mail.firstinter.net>
Message-ID: <387D0AF6.29ED@mail.firstinter.net>
Source record: 10505

john wrote:
>
> i have instant track v 1.00b and now find that its not y2000
> compatible....all the latest keps i dnload are way out....does some one have
> a patch for this sat program please ???
>
> thanks
>
> --
> from john randall - m5abs
> url : http://www.m1cuu.freeserve.co.uk
> email : johnjr@m1cuu.freeserve.co.uk
> check my url for a demo version of my grid locator software.

No V1.5 patch yet, but there is an independent program that reforms the
kep data so that i-track will recognize it ok. I've tried it and it
works fine. Unfortunately, can't remember the web site I found it at.
Maybe someone else here has it.

73
Rick T.
W7RT

169. Re: Brush up on your 10-Codes Old-Timers.

Newsgroup: rec.radio.amateur.space
Date: 2000-01-12 00:00:00 UTC
From: madnomad@mindspring.com
Message-ID: <387d0eb9.2372364@nntp.mindspring.com>
Source record: 10506
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

I would love to hear a CB'er who really knew how to use the 10-codes.
The code 10-20 means "What's your location?" Can't tell how many
times I've heard "What's your twenty?" It's like saying "What's your
what's your location?"

Mad Nomad

On Tue, 11 Jan 2000 06:14:08 GMT, vlfiscus@mcn.net (Vince Fiscus,
KB7ADL) wrote:

>Brush up on your 10-codes Boys.
>
>The CB-RL, Citizens Band-Relay League in Newington, CT, is
>going to update their Operating Manual with a section on 10-codes
>and CB Lingo so old Hams can understand what the new hams
>are talking about.

170. Re: The END of Ham Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-01-12 00:00:00 UTC
From: "R.L. Tannehill, P.E." <rickw7rt@mail.firstinter.net>
Message-ID: <387D0C68.A2B@mail.firstinter.net>
Source record: 10507
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

```
Dave Hall wrote:
>
> Nicholas Geovanis wrote:
> >
> > On Mon, 10 Jan 2000, Dave Hall wrote:
> > > Nicholas Geovanis wrote:
> > > >
> > > > If YOU are a courteous operator with wide, deep technical knowledge,
> > > > then YOU are a valuable radio amateur. One could match my description and
> > > > hold a General license or below, or even no amateur license at all if you
> > > > worked, say, in military or commercial communications.
> > >
> > > Yes, but look at the other side, with the testing requirments as they
> > > now stand, a person with substantially LESS technical knowledge, skill
> > > and discipline can obtain a high level ham license, with little actual
> > > work. So the "value" of the license has been degraded, since it is no
> > > longer necessary to be a "tech whiz" to get one.
> >
> > So what? Are you interested in collecting licenses, or are you interested
> > in radio? If you're interested in radio, then your license is just as
> > valuable as your radio skills, no more and no less. If you're interested
> > in licenses, then, I dunno, take-up fishing. You can get a license from
> > every state!
>
> Then why to people go to college to get a degree? That "piece of paper",
> like a ham license, is a symbol of what you've endured in order to EARN
> the privilege of being what you are.
>
> I know sveral "computer whiz" guys, that are 100% self taught. They
> attack thier hobby, with intense enthusiasm, and are probably as smart,
> if not smarter, than "book taught" college guys. But you know what? when
> it comes to finding a high level computer job, they have it tough
> because they lack the PROOF (the piece of paper) that says that they
> really know what they are doing.
>
> >
> > > Once upon a time, a ham license looked good of a job application or
> > > resume. Participation in what was then "the" technical hobby, was a
> > > testimony that the job applicant knew enough to pass the tests, which
> > > meant something to a manager looking to hire technicians or engineers.
> > > Today, that is no longer true, except for some specialized
> > > communications fields.
```

> >
> > Here's my angle: I am looking at the person, not the paper. I guess that
> > I'm too old-fashioned, eh?
>
> You cannot ascertain, with any certainty, the level of qualification a
> person has, through a simple personal interview. Remember, you might
> LIKE the person, but the fact that he shot a 65 on the last 18 holes,
> drives the same kind of car, and has a hot looking girlfriend, mean
> nothing as far as far as job qualification goes. Any documentation,
> licenses, degrees, etc, that someone has is a testament, to their skill
> level. A ham radio license used to be highly regarded in that vein.
> Today, that is not as true.
>
> >
> > > And it is still true that the value something has, to its owner, is
> > > directly proportional to how much effort one had to expend to get it.
> >
> > Congratulations! You have identified the problem: The man is obsessing on
> > "getting it". Getting what? A piece of PAPER. Forget the piece of paper.
> > What matters is the knowledge, the experience, the fun. Paper is made from
> > dead wood.
> >
>
> The "piece of paper" is only a symbol. It's what it stands for that's
> important. A ham radio license is only the starting point. Hopefully, a
> person will learn more after being licensed. But for many, the
> achievement of the license, is acknowlegement that they've reached a
> milestone in their goals. Life is but a series of goals. Why diminish
> the value of someone's goals?
>
> Dave

Totally irrelevant.....a ham radio license is of no commercial use.
This is *Amateur* radio, not commercial/professional/broadcast/PCS
whatever.

The license is NOT a graduation certificate, but rather an entrance
permit to the hobby/service. What one chooses to learn after that is up
to them.

Rick T.
W7RT

171. Re: The END of Ham Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-01-12 00:00:00 UTC
From: sparksw4eas@mindspring.com
Message-ID: <85j6a9$g95$1@nntp4.atl.mindspring.net>
Source record: 10508
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

Gheeezzz... In over 40 years as a boradcast engineer, I used to be able to hire a ham with a licience/first phone and know what I was hiring for the station. Now..... a pig in a poke :-) Sparks W4EAS

R.L. Tannehill, P.E. wrote in message <387D0C68.A2B@mail.firstinter.net>...
>Dave Hall wrote:
>>
>> Nicholas Geovanis wrote:
>> >
>> > On Mon, 10 Jan 2000, Dave Hall wrote:
>> > > Nicholas Geovanis wrote:
>> > > >
>> > > > If YOU are a courteous operator with wide, deep technical knowledge,
>> > > > then YOU are a valuable radio amateur. One could match my description and
>> > > > hold a General license or below, or even no amateur license at all if you
>> > > > worked, say, in military or commercial communications.
>> > >
>> > > Yes, but look at the other side, with the testing requirments as they
>> > > now stand, a person with substantially LESS technical knowledge, skill
>> > > and discipline can obtain a high level ham license, with little actual
>> > > work. So the "value" of the license has been degraded, since it is no
>> > > longer necessary to be a "tech whiz" to get one.
>> >
>> > So what? Are you interested in collecting licenses, or are you interested
>> > in radio? If you're interested in radio, then your license is just as
>> > valuable as your radio skills, no more and no less. If you're interested
>> > in licenses, then, I dunno, take-up fishing. You can get a license from
>> > every state!
>>
>> Then why to people go to college to get a degree? That "piece of paper",
>> like a ham license, is a symbol of what you've endured in order to EARN
>> the privilege of being what you are.
>>
>> I know sveral "computer whiz" guys, that are 100% self taught. They
>> attack thier hobby, with intense enthusiasm, and are probably as smart,
>> if not smarter, than "book taught" college guys. But you know what? when

>> it comes to finding a high level computer job, they have it tough
>> because they lack the PROOF (the piece of paper) that says that they
>> really know what they are doing.
>>
>> >
>> > > Once upon a time, a ham license looked good of a job application or
>> > > resume. Participation in what was then "the" technical hobby, was a
>> > > testimony that the job applicant knew enough to pass the tests, which
>> > > meant something to a manager looking to hire technicians or
engineers.
>> > > Today, that is no longer true, except for some specialized
>> > > communications fields.
>> >
>> > Here's my angle: I am looking at the person, not the paper. I guess
that
>> > I'm too old-fashioned, eh?
>>
>> You cannot ascertain, with any certainty, the level of qualification a
>> person has, through a simple personal interview. Remember, you might
>> LIKE the person, but the fact that he shot a 65 on the last 18 holes,
>> drives the same kind of car, and has a hot looking girlfriend, mean
>> nothing as far as far as job qualification goes. Any documentation,
>> licenses, degrees, etc, that someone has is a testament, to their skill
>> level. A ham radio license used to be highly regarded in that vein.
>> Today, that is not as true.
>>
>> >
>> > > And it is still true that the value something has, to its owner, is
>> > > directly proportional to how much effort one had to expend to get it.
>> >
>> > Congratulations! You have identified the problem: The man is obsessing
on
>> > "getting it". Getting what? A piece of PAPER. Forget the piece of
paper.
>> > What matters is the knowledge, the experience, the fun. Paper is made
from
>> > dead wood.
>> >
>>
>> The "piece of paper" is only a symbol. It's what it stands for that's
>> important. A ham radio license is only the starting point. Hopefully, a
>> person will learn more after being licensed. But for many, the
>> achievement of the license, is acknowlegement that they've reached a
>> milestone in their goals. Life is but a series of goals. Why diminish
>> the value of someone's goals?
>>
>> Dave
>
>Totally irrelevant.....a ham radio license is of no commercial use.
>This is *Amateur* radio, not commercial/professional/broadcast/PCS

>whatever.
>
>The license is NOT a graduation certificate, but rather an entrance
>permit to the hobby/service. What one chooses to learn after that is up
>to them.
>
>Rick T.
>W7RT

172. Re: Brush up on your 10-Codes Old-Timers.

Newsgroup: rec.radio.amateur.space
Date: 2000-01-12 00:00:00 UTC
From: Quux <crouchingllama@netscape.net>
Message-ID: <15d84bec.00f976fe@usw-ex0102-012.remarq.com>
Source record: 10509
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

> The code 10-20 means "What's your location?" Can't tell how many
> times I've heard "What's your twenty?" It's like saying "What's
> your what's your location?"

Ever ordered Shrimp Scampi or said "Shrimp Scampi"?
Then you've said shrimp shrimp. "scampi" is "shrimp"
in Italian.

* Sent from RemarQ http://www.remarq.com The Internet's Discussion Network *
The fastest and easiest way to search and participate in Usenet - Free!

173. Re: patch to make SatTrack work in 2000

Newsgroup: rec.radio.amateur.space
Date: 2000-01-12 00:00:00 UTC
From: Erik van Bronkhorst <vanbronkhoew@navair.navy.mil>
Message-ID: <387D20C9.37C55C1B@navair.navy.mil>
Source record: 10510

THANK YOU

I can deal with a diff no problem, I for one predate rpms and debs
and all of the newfangled package managers. I wish all
of the purveyors of linux would stop reinventing the wheel,
but I do understand their motivation.

Rob Janssen wrote:

> Well, I'll post this again under a more meaningful title so that
> it is easier to locate for people searching with DejaNews etc.
>
> The patch below makes SatTrack 3.1.6 (as found on many sites carrying
> FreeBSD mirrors) work after Jan 1, 2000. Most of this program seems
> to be designed with Y2K in mind, but a single issue was missed. The
> patch below is one of the ways to fix it.
>
> Rob
>
> diff -cr SatTrack-3.1.6/src/sattrack/sattime.c SatTrack/src/sattrack/sattime.c
> *** SatTrack-3.1.6/src/sattrack/sattime.c Sat Jan 4 22:19:08 1997
> --- SatTrack/src/sattrack/sattime.c Sat Jan 1 14:19:51 2000
> ***************
> *** 269,275 ****
> if (gdnY < 50) /* allow 4 or 2 digit year specifications */
> gdnY += 2000;
> else
> ! if (gdnY < 100)
> gdnY += 1900;
>
> result = (long) ((((gdnY-1901)*1461) >> 2) + monthDays[gdnM-1] + gdnD+365);
> --- 269,275 ----
> if (gdnY < 50) /* allow 4 or 2 digit year specifications */
> gdnY += 2000;
> else
> ! if (gdnY < 200)
> gdnY += 1900;
>
> result = (long) ((((gdnY-1901)*1461) >> 2) + monthDays[gdnM-1] + gdnD+365);
> --
> +----------------------------------+--------------------------------------+
> | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
> | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
> +----------------------------------+--------------------------------------+

--
Erik van Bronkhorst

The machine does not isolate man from the great problems of nature
but plunges him more deeply into them.
-- Antoine de Saint-Exupery, 'Wind, Sand, and Stars.'

174. Re: Brush up on your 10-Codes Old-Timers.

Newsgroup: rec.radio.amateur.space
Date: 2000-01-12 00:00:00 UTC
From: Joe K7JOE <K7JOE@yahoo.com>
Message-ID: <387D2312.A3B0A246@yahoo.com>
Source record: 10511
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

And like the "new breed" of hams on our local repeaters and 10M SSB
who say "seventy-threes" which means "best regardses" or "seventy
thirds" which means 23 1/3 (last time I poked it into the calculator,
anyway)

things that make you go hmmmm.......
Joe

Mad Nomad wrote:
>
> I would love to hear a CB'er who really knew how to use the 10-codes.
> The code 10-20 means "What's your location?" Can't tell how many
> times I've heard "What's your twenty?" It's like saying "What's your
> what's your location?"
>
> Mad Nomad
>
> On Tue, 11 Jan 2000 06:14:08 GMT, vlfiscus@mcn.net (Vince Fiscus,
> KB7ADL) wrote:
>
> >Brush up on your 10-codes Boys.
> >
> >The CB-RL, Citizens Band-Relay League in Newington, CT, is
> >going to update their Operating Manual with a section on 10-codes
> >and CB Lingo so old Hams can understand what the new hams
> >are talking about.

175. Re: Place to get Keps???

Newsgroup: rec.radio.amateur.space
Date: 2000-01-12 00:00:00 UTC
From: Erik van Bronkhorst <vanbronkhoew@navair.navy.mil>
Message-ID: <387D2494.EAA9CE26@navair.navy.mil>
Source record: 10512

http://www.celestrak.com/NORAD/elements/

For what its worth there is a link to it among some
other useful (marginally perhaps) ones in my page

http://www.qsl.net/kc6uut

73

Bruce & Debora Gordon wrote:

> Is there a URL that has NASA 2line KEPS for common Sat's that can be
> downloaded as a file???
>
> Bruce (semiretired powderman & exFCC Field Inspector for Southeastern
> Alaska)
>
> Bruce Gordon * Debora Gordon R.N. Bruce's Trading Post
> P.O. Box EXI Excursion Inlet South
> Juneau, Alaska 99850 Excursion Inlet, Alaska 99850
>
> University of Alaska Remote Weather Data Collection Site
> fnbeg@aurora.alaska.edu WDT-59 KWO-70 KNEG-586
> wcovexip@ptialaska.net Wards Cove Packing Co.
> btpost@eagle.ptialaska.net AL7AQ@KL7HFI * KL7WJ@KL7HFI
>
> **** Have bandwidth and connection Will communicate ****

--
Erik van Bronkhorst

The machine does not isolate man from the great problems of nature
but plunges him more deeply into them.
-- Antoine de Saint-Exupery, 'Wind, Sand, and Stars.'

176. Re: Amateur Restructuring, Liberal Democrats, & No-Coders

Newsgroup: rec.radio.amateur.space
Date: 2000-01-12 00:00:00 UTC
From: Will White <kd7bfx@mindspring.com>
Message-ID: <387D322A.58201AB2@mindspring.com>
Source record: 10513
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

Excuse me, but do you suggest that passing a 5 WPM code test is *not*
easier than passing a 13/20 WPM test? It certainly sounds like it, and
that is just a dumb thing to say.

Will
KD7BFX

Yeah Right wrote:
>
> The restructuring doesnt make it easier for people to become hams!!!
> You still have to pass your no-code exam and then pass 5wpm to
> upgrade!! Whats the big deal??? e

177. Power Connectors

Newsgroup: rec.radio.amateur.space
Date: 2000-01-12 00:00:00 UTC
From: Ken Mirabella <kjm@flo-bin.com>
Message-ID: <usaf4.150$ze4.21243@typhoon-la.pbi.net>
Source record: 10514

Subject: OEM "T" power connectors and Anderson Powerpoles

I have started a new web site to sell the hard to find and "elusive"
Anderson Powerpole connectors that have become (or are becoming) the most
popular power connector for interchangeability in the emergency community
along with Yaesu, Kenwood and Icom mobile OEM "T" power connectors.

www.powerwerx.com was started with hearing the concerns of hams across
the country in newsgroups of "where to purchase these connectors" and other
"hard to find" products at reasonable prices.

PowerWerx.com encourages groups to pool their purchases to obtain a very low
price on power connectors.

I apologize for the commercial promotion, but I feel that an on-line secure
source for these products has not been available for quite some time.

We accept MasterCard/Visa.

The philosophy of "one ham helping another" is now extended from my web site
to you.

Ken, KM6YH
www.powerwerx.com

178. FS Weather Satellite Receiver

Newsgroup: rec.radio.amateur.space
Date: 2000-01-12 00:00:00 UTC
From: Fulton <address@message.end>
Message-ID: <387d4443$1@News.Destek.net>
Source record: 10515

Hello to all;
Thanks for taking the time to read and respond. I have a German made WRASSE weather satellite receiver for sale $400.00
Covers the 137 Mhz band. If interested please contact me for more information at .....

fhunt at clinic dot net

Thanks again

Fulton

179. Power Connectors

Newsgroup: rec.radio.amateur.space
Date: 2000-01-12 00:00:00 UTC
From: Ken Mirabella <kjm@flo-bin.com>
Message-ID: <cUbf4.159$ze4.25583@typhoon-la.pbi.net>
Source record: 10516

Subject: OEM "T" power connectors and Anderson Powerpoles

I have started a new web site to sell the hard to find and "elusive"
Anderson Powerpole connectors that have become (or are becoming) the most
popular power connector for interchangeability in the emergency community
along with Yaesu, Kenwood and Icom mobile OEM "T" power connectors.

www.powerwerx.com was started with hearing the concerns of hams across
the country in newsgroups of "where to purchase these connectors" and other
"hard to find" products at reasonable prices.

PowerWerx.com encourages groups to pool their purchases to obtain a very low
price on power connectors.

I apologize for the commercial promotion, but I feel that an on-line secure
source for these products has not been available for quite some time.

We accept MasterCard/Visa.

The philosophy of "one ham helping another" is now extended from my web site
to you.

Ken, KM6YH
www.powerwerx.com

180. Re: Amateur Restructuring, Liberal Democrats, & No-Coders

Newsgroup: rec.radio.amateur.space
Date: 2000-01-12 00:00:00 UTC
From: CDT <xctx@onr.com>
Message-ID: <Nxdf4.15$_U.228892710@news.onr.com>
Source record: 10517
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

-
barry wrote in message ...
>In article <s7ljsb9moj831@news.supernews.com>, vlfiscus@mcn.net says...
>> Amateur Restructuring, Liberal Democrats, and No-Coders.
>>
>> The FCC's restructuring plan shouldn't be a surprise to
>> anyone. After all, it comes out of the Liberal Clinton
>> Administration. Conservative republicans are willing to work hard
>> for their rewards, but Liberal democrat No-Code CB whiners want
>> everything handed to them on a silver platter. The democrat
>> whiners want to get ham licenses as easy as they get their welfare
>> checks

Democrat whiners? I detect the smell of hypocrisy in the air...get a life.

181. Re: Brush up on your 10-Codes Old-Timers.

Newsgroup: rec.radio.amateur.space
Date: 2000-01-12 00:00:00 UTC
From: Paul
Message-ID: <387c0475.20848464@news.mindspring.com>
Source record: 10596
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

vlfiscus@mcn.net (Vince Fiscus, KB7ADL) wrote:

>Quote of the Day:
>The FCC served me a shit sandwich... but I can't see any bread.
>
>KB7ADL
Actually they should haved saved some cheese to go with your whine.

Obviously, you have a low opinion of your fellow amateur operators.
You are a POS if ever there was one.

Paul

182. Re: Amateur Restructuring, Liberal Democrats, & No-Coders

Newsgroup: rec.radio.amateur.space
Date: 2000-01-12 00:00:00 UTC
From: busdriver@mobiletel.com
Message-ID: <387c20a9.3638912@nntp.mobiletel.com>
Source record: 10597
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

Well Said.....BusDriver
>Amateur Restructuring is not a simple, one-sided issue, although many
>would like to force the many different viewpoints into one small box.
>
>Times are changing, and whether we like it or not, there are realities
>that have to be faced. Here are a few.
>
>The "magic" of your voice (or code) traveling thousands of miles is
>basically gone. I'm old enough to remember well the first color
>televisions, trans-Alantic TV signals, etc. When I first experienced
>amateur radio (as an early teenager), it was beyond belief that you
>could actuall talk to someone long distance wireless. I was even
>awestruck at some cheap walkie-talkies I owned! Now, we communicate
>effortlessly worldwide via the internet, instantly.
>
>Commercial interests want more bandspace, and amateur radio operators
>who are time-frozen in the past have a poor argument to occupy valuable
>spectrum space to discuss their gall bladder surgery, latest bowel
>movement, etc., simply because they grunted it out years ago to meet
>the requirments of 13 wpm, and so on. Amateur radio was intended from
>the start to focus on public service and to encourage growth (in
>electronic knowledge). It was never intended to be a static,
>backward-looking social club, remembering the "good ole days". The
>very nature of amateur radio points forward.
>
>The technical aspects of amateur radio have changed incredibly. Twenty
>years ago, you could still work on your own car (plugs, oil change,
>tune-up). Check out the lastest cars, and tell me how much you
>understand. The people I first met in amateur radio built their own
>rigs (early 60's). Today, that same rig would splatter unacceptably
>all over the band. Then, most built their own. Today, probably 98%
>use quality, name brand, sophisticated rigs, with tight specs on both
>transmit and receive. It's a changing world.
>
>YES, some things could get better. Getting rid of the corruption in
>the VE program would help. Riley Hollingsworth has been extremely good
>news for the hobby. But perhaps we should require computer aptitude
>tests as part of the hobby (to weed out the old farts). Maybe we
>should ban discussions of all personal health problems, not to mention
>useless nets, that accomplish little. Simply passing the CW and
>written test back then is not a lifelong license to sit back, and reap
>the "reqards" forever in careless, meaningless blabber. I have always

>been in favor of amateur radio operators having to provide "evidence"
>for their continued re-licensing, such as proof of public service,
>classes taught, projects involved with, etc, much as medical
>professionals have continuing education to keep them sharp. One
>statement the FCC made in their R&O was that there was basically no
>correlation between those who learned CW, and those who were proper
>station operators, or were significantly involved in public service. I
>couldn't agree more. What right does a 30-40 year Ham veteran have to
>needlessly blab on, using maximum power (or more), with poor antenna
>matching, and generally abusing the spectrum. Yet, that person is
>exactly the same person who will argue themselves blue in the face
>about the need to keep the code, etc. They need a reality check.
>
>There is plenty to compliment and plenty to criticize in amateur radio
>today. I compliment the FCC for having the guts and sense of REALITY
>to not only face the real facts of the day, but to do so in a way that
>doesn't necessarily favor any special group, including the ARRL.
>Hopefully the tests, method of testing, band usage, etc. of today's
>amateur service will improve, and retaining CW at previous rates was
>not solving the problem. Kudos to the FCC for being willing to move
>forward with guts rather than look backward with failing memory.
>
>I'm in my 50's, and hopefulle young enough to still engage and enjoy
>the new realities and technologies that emerge each day. However, the
>"tomorrows" are owned by the young, and I hope I have enough sense and
>graciousness to know when to get out of the way. The FCC has taken an
>important first step. I hope during the year 2000 that they and the
>amateur community can find some good solutions to the problems we still
>face and better use of the privileges we enjoy.
>
>73's
>Wayne Woodhams, N6WIX
>Ventura, California
>
>
>* Sent from RemarQ http://www.remarq.com The Internet's Discussion Network *
>The fastest and easiest way to search and participate in Usenet - Free!
>

BUSDRIVER@MOBILETEL.COM
CoonAss from Louisiana
1-800-303-5152
N5VKQ

183. Re: The END of Ham Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-01-12 00:00:00 UTC
From: Ross Archer <archer@topnow.com>
Message-ID: <387C3700.D3BB67B0@topnow.com>
Source record: 10598
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner

Tom W8JI wrote:

>
> You didn't take away anything, but the FCC sure did!

No, they didn't. You earned whatever class license you
hold, and can lay claim to the set of skills you had to demonstrate to the FCC or VE when you were tested, regardless of what the FCC does now. That can never change. For that
matter, a ham license is not intended to be proof of some static set of skills that will forever remain the same. It's a permit to get on the air with specific privileges. The *only* way the FCC can change the value of your license is if they add or delete subbands from your current privileges. You're free to confuse

the effort you put into getting the license with the operating
privileges it grants you, but that's a classic case of mistaking
the map for the territory. So now it's easier for newcomers
to get your class of license, but that doesn't change what you
accomplished to get there.

And if it is so damn important to you
that people on the air know you're an "Original Extra" or whatever, to set you apart from the folks who only had to do 5WPM, fine. You'll sound like an elitist, but go ahead if it
will make you feel better. People will know what you mean
if you say you're an "old extra" or "original extra".

>
> It's typical for those who dislike working for something and who
> expect handouts to not understand why some people have pride in what
> they accomplished.
>

You can be proud of your accomplishments and also
accept without bitterness that the world has changed.
5 WPM does take work and study, and is surely not a "handout".
I know several people in their 20's and 30's struggling
to achieve their 5WPM, who would be very insulted by
your characterization of this as a "handout". Yes, it's easier,
perhaps much easier, but it's a lot more work than most lazy
people would ever put forth. 5 WPM will do a fine job of
keeping people looking for handouts off ham radio.

A lot of times I hear this "handout" crap, and I see a
survivor of a hazing ritual, known as "high speed code", resentful and angry
that others will have an easier time than you had. Hopefully this is not your
real motivation for being
so upset at the changes.

>
> With that in mind, I understand why you agree with the suggestion
> people just forge documents that are symbols of what they accomplished

>
>
> But I think picking on a guy who is proud he worked for something is a
> sign of just how bad our society is getting. Socialism at it's finest!
>

Politics, left, right, up, or down, has nothing to do with this.
All this talk of socialism, handouts, and such makes you sound
like some sort of a rightwing loon.

>
> 73 Tom

184. call

Newsgroup: rec.radio.amateur.space
Date: 2000-01-13 00:00:00 UTC
From: Terry.Bendell@705-102.m-net.axess.com
Message-ID: <496_0001122018@mnet.axess.com>
Source record: 10518

```
Please call me Mark
--
| Return Address: Terry.Bendell@705-102.m-net.axess.com
| Standard disclaimer: The views of this user are strictly her/his own.
| From addresses mangled solely to block spamming.
| Apologies to those wishing to respond, change m-net to mnet.
| Signature auto-added at gateway.
```

185. Re: Amateur Restructuring, Liberal Democrats, & No-Coders

Newsgroup: rec.radio.amateur.space
Date: 2000-01-13 00:00:00 UTC
From: yeahright@dopefish.com
Message-ID: <387d330c.4755988@news.thegrid.net>
Source record: 10519
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

I am suggesting that morse code is another language in itself, and
learning a language is harder than improving the language skills!
The post was to explain that The restructuring
isn't changing the difficulty level of passing 5wpm.
In other words, Passing 5wpm is harder to pass than 13/20 wpm.
Therefore I must ask you, Did that answer your question or was I not
reading your question right?

On Wed, 12 Jan 2000 19:02:38 -0700, Will White <kd7bfx@mindspring.com>
wrote:

>Excuse me, but do you suggest that passing a 5 WPM code test is *not*
>easier than passing a 13/20 WPM test? It certainly sounds like it, and
>that is just a dumb thing to say.
>
>Will
>KD7BFX
>
>Yeah Right wrote:
>>
>> The restructuring doesnt make it easier for people to become hams!!!
>> You still have to pass your no-code exam and then pass 5wpm to
>> upgrade!! Whats the big deal??? e

186. Re: Amateur Restructuring, Liberal Democrats, & No-Coders

Newsgroup: rec.radio.amateur.space
Date: 2000-01-13 00:00:00 UTC
From: kb99rqz@arrl.net
Message-ID: <kprq7s8m3m8en1mpspg3dch51qu9o2ik7e@4ax.com>
Source record: 10520
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

On Tue, 11 Jan 2000 06:36:59 GMT, vlfiscus@mcn.net (Vince Fiscus,
KB7ADL) wrote:

>Amateur Restructuring, Liberal Democrats, and No-Coders.
>
>The FCC's restructuring plan shouldn't be a surprise to
>anyone. After all, it comes out of the Liberal Clinton

Which has been in favor of more and more governement
regulation, remmeber Hilary Care

>Administration. Conservative republicans are willing to work hard

Realy, now I am one of those conservitive Republicans, and I I
know that we not adverse to pointing out where we are being treated
unfairly

>for their rewards, but Liberal democrat No-Code CB whiners want
>everything handed to them on a silver platter. The democrat

What is handed on a platter let alone a silver one

>whiners want to get ham licenses as easy as they get their welfare
>checks. And the Liberal FCC, part of the Liberal Clinton
>Administration gave the Liberal No-Code CB whiners what they
>wanted, and the rest of us got shafted. Liberal Democrats like
>to steal treasures from the hard workers, and give to those who spend most
>of their time waiting for another government hand-out. When liberals do
>this, it makes them feel important & needed.
>
>restructured Ham = Welfare Ham.

Restruing means the begining of the end of Code welfare
>
>
>Quote of the Day:
>The FCC served me a shit sandwich... but I can't see any bread.
>KB7ADL, Jan. 2000
>
>73
>
>dhstadt@ameritech.net (Dave Stadt) wrote in
><YVte4.830$Qp3.20074@nntp0.detroit.mi.ameritech.net>:
>>Yep the end is near, get out now while you can and send me all your
>>radios.

>>

187. Re: The END of Ham Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-01-13 00:00:00 UTC
From: Dick Carroll <dixie@townsqr.com>
Message-ID: <85jtvb$o2g$1@208.207.71.172>
Source record: 10521
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

R.L. Tannehill, P.E. wrote:
>
A ham radio license is only the starting point. Hopefully,
a
> > person will learn more after being licensed. But for many, the
> > achievement of the license, is acknowlegement that they've reached a
> > milestone in their goals. Life is but a series of goals. Why diminish
> > the value of someone's goals?
> >
> > Dave

> Totally irrelevant.....a ham radio license is of no commercial use.

It's a certainty that it will never again be, but it has
not always been so. As a high school kid I got a job after
hours repairing radios and TVs *ONLY* because I was a ham. I
got into military electronics, and graduated near the top of
my electronics school class, because I was a ham. Later I
got a GOOD technical job in radio - because I was a ham and
had used that fact to build my resume.

> This is *Amateur* radio, not commercial/professional/broadcast/PCS
> whatever.

Yep. Only a mere shell of its former self.

> The license is NOT a graduation certificate, but rather an entrance
> permit to the hobby/service.

You jokers have regurgitated that tired old bromide until
even the kids at the FCC believe it, now. But Hey, what do
they know, they just work there, right?

If you prefer to view your EXTRA class license as an
"entrance permit" to the hobby, it tells me that you got it
for free. Most of us did not, and DO NOT. The FCC, at least
30 years ago, considered an EXTRA class licensee to be the
only expert class of ham. The fact that he was knowledgeable
enough to score a passing grade on their tests was proof
enough.

Congratulations on changing their minds. Henceforth there
will never be anything other than "entry level" class hams
licensed. And that's exactly where most of them will stay.

188. FM/FM telemetry - and old technology

Newsgroup: rec.radio.amateur.space
Date: 2000-01-13 00:00:00 UTC
From: Sven Grahn <svengrahn@wineasy.se>
Message-ID: <387DA02A.31A9A4F6@wineasy.se>
Source record: 10522

Friends,

I have added the article "Frequency division multiplex telemetry - a few fundamentals" to my Web site.

* Goto http://www.users.wineasy.se/svengrahn
* Click on "What's New"?
* Select item for January 13, 2000

Sven Grahn

189. Re: The END of Ham Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-01-13 00:00:00 UTC
From: Rickhit@worldnet.att.net
Message-ID: <387da08d.1666104@netnews.worldnet.att.net>
Source record: 10523

On Tue, 11 Jan 2000 17:57:14 -0500, <randas@mindspring.com> wrote:

>Snip
>. If you listen to the talk on 75m or 20m you hear many groups of
>hams that will not welcome the newly upgraded hams. Most of these groups
>have been on the same freq for decades..and they will resist any thing they
>consider an intrusion.
>>
>>Snippage

I'll tell you one thing, I have NO interest to communicate on
20M or 75M. Those Freqs are for CBExtras who act like they are still
on CH 14. I plan to go only as low as 10M for my HF pleasures. I'll be
on that band until the sunspot cycle dies down. Maybe by that time the
ISS will be occupied and I'll be getting back into space
communications.
For me Space is the ultimate in DX and The World Is Not Enough.

Rick KC2ESD

190. Re: patch to make SatTrack work in 2000

Newsgroup: rec.radio.amateur.space
Date: 2000-01-13 00:00:00 UTC
From: Hamish Moffatt <hamish@rising.com.au>
Message-ID: <85k9so$2m1q$2@arachne.labyrinth.net.au>
Source record: 10524

Erik van Bronkhorst <vanbronkhoew@navair.navy.mil> wrote:
> I can deal with a diff no problem, I for one predate rpms and debs
> and all of the newfangled package managers. I wish all
> of the purveyors of linux would stop reinventing the wheel,
> but I do understand their motivation.

Well, there's some duplication with RPM versus DEB, but either is better
than no package manager at all. Compiling from source is OK for some
things but to maintain your entire system from source is a big job
today if you want to keep things up to date.

(As to RPM versus DEB.. deb is technically superior, but RPM is
more popular for now. They may get merged at some point in the future.)

Hamish, a debian developer
--
Hamish Moffatt Mobile: +61 412 011 176 hamish@rising.com.au
Rising Software Australia Pty. Ltd. http://www.risingsoftware.com/
Phone: +61 3 9894 4788 Fax: +61 3 9894 3362 USA: 1 888 667 7839

191. Re: Amateur Restructuring, Liberal Democrats, & No-Coders

Newsgroup: rec.radio.amateur.space
Date: 2000-01-13 00:00:00 UTC
From: Christopher Cox <cobox@urec.net>
Message-ID: <01bf5dc5$4e952180$687f473f@cbx-nt>
Source record: 10525
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

> The post was to explain that The restructuring
> isn't changing the difficulty level of passing 5wpm.
> In other words, Passing 5wpm is harder to pass than 13/20 wpm.
> Therefore I must ask you, Did that answer your question or was I not
> reading your question right?

Well, I understand your point, but you may not have tried this yourself.
There is a definite 10wpm 'Wall', I am there now. This is caused when you
are trying to condition yourself to use the 'sound' of a character to
recognize it vs. interpreting a collection of dots and dashes. As the mind
fluctuates between modes, you hesitate and start missing characters.

I am earnestly trying for my 13 or 20 wpm, but still think Morse code has
zero to do with radio.

Please stop crossposting this to the sat group.

Thanks

Christopher Cox
KC8FRJ

192. Re: The END of Ham Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-01-13 00:00:00 UTC
From: Dave Hall <nojunkmail_n3cvj@worldlynx.net>
Message-ID: <387DC5CA.535E@worldlynx.net>
Source record: 10526
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

R.L. Tannehill, P.E. wrote:
>
> Dave Hall wrote:
> >
> > Nicholas Geovanis wrote:
> > >
> > > On Mon, 10 Jan 2000, Dave Hall wrote:
> > > > Nicholas Geovanis wrote:
> > > > >
> > > > > If YOU are a courteous operator with wide, deep technical knowledge,
> > > > > then YOU are a valuable radio amateur. One could match my description and
> > > > > hold a General license or below, or even no amateur license at all if you
> > > > > worked, say, in military or commercial communications.
> > > >
> > > > Yes, but look at the other side, with the testing requirments as they
> > > > now stand, a person with substantially LESS technical knowledge, skill
> > > > and discipline can obtain a high level ham license, with little actual
> > > > work. So the "value" of the license has been degraded, since it is no
> > > > longer necessary to be a "tech whiz" to get one.
> > >
> > > So what? Are you interested in collecting licenses, or are you interested
> > > in radio? If you're interested in radio, then your license is just as
> > > valuable as your radio skills, no more and no less. If you're interested
> > > in licenses, then, I dunno, take-up fishing. You can get a license from
> > > every state!
> >
> > Then why to people go to college to get a degree? That "piece of paper",
> > like a ham license, is a symbol of what you've endured in order to EARN
> > the privilege of being what you are.
> >
> > I know sveral "computer whiz" guys, that are 100% self taught. They
> > attack thier hobby, with intense enthusiasm, and are probably as smart,
> > if not smarter, than "book taught" college guys. But you know what? when
> > it comes to finding a high level computer job, they have it tough
> > because they lack the PROOF (the piece of paper) that says that they
> > really know what they are doing.
> >
> > >
> > > > Once upon a time, a ham license looked good of a job application or
> > > > resume. Participation in what was then "the" technical hobby, was a
> > > > testimony that the job applicant knew enough to pass the tests, which
> > > > meant something to a manager looking to hire technicians or engineers.

> > > > Today, that is no longer true, except for some specialized
> > > > communications fields.
> > >
> > > Here's my angle: I am looking at the person, not the paper. I guess that
> > > I'm too old-fashioned, eh?
> >
> > You cannot ascertain, with any certainty, the level of qualification a
> > person has, through a simple personal interview. Remember, you might
> > LIKE the person, but the fact that he shot a 65 on the last 18 holes,
> > drives the same kind of car, and has a hot looking girlfriend, mean
> > nothing as far as far as job qualification goes. Any documentation,
> > licenses, degrees, etc, that someone has is a testament, to their skill
> > level. A ham radio license used to be highly regarded in that vein.
> > Today, that is not as true.
> >
> > >
> > > > And it is still true that the value something has, to its owner, is
> > > > directly proportional to how much effort one had to expend to get it.
> > >
> > > Congratulations! You have identified the problem: The man is obsessing on
> > > "getting it". Getting what? A piece of PAPER. Forget the piece of paper.
> > > What matters is the knowledge, the experience, the fun. Paper is made from
> > > dead wood.
> > >
> >
> > The "piece of paper" is only a symbol. It's what it stands for that's
> > important. A ham radio license is only the starting point. Hopefully, a
> > person will learn more after being licensed. But for many, the
> > achievement of the license, is acknowlegement that they've reached a
> > milestone in their goals. Life is but a series of goals. Why diminish
> > the value of someone's goals?
> >
> > Dave
>
> Totally irrelevant.....a ham radio license is of no commercial use.
> This is *Amateur* radio, not commercial/professional/broadcast/PCS
> whatever.
>
> The license is NOT a graduation certificate, but rather an entrance
> permit to the hobby/service. What one chooses to learn after that is up
> to them.
>

It is NOT irrelevant. At least it wasn't a few years back. I know from
personal experience. I was hired at a job once over another candidate,
because in addition to my other qualifications, I had a ham license. I
was told by the hiring manager at the time, that having a ham license
means that you actually "live" this stuff, and don't just look at it as
a 9 to 5 job, which they thought, meant a better employee. This was back
in the days when hams still built alot of their own projects, and the

title of "ham radio operator" was synonomous with "electronic tinkerer" or "freelance engineer".

While a ham license is not a true accreditation, it tells something about the person's goals, and interests and gives the hiring manager some clues as to whether or not the person would make a good technical employee. Of course if you are in a field other than electronics, then it's probably meaningless.

Today, with the preponderance of appliance operators, who really don't know much REAL theory, I would tend to agree that the license no longer stands for much.

Dave

193. Re: The END of Ham Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-01-13 00:00:00 UTC
From: Dave Hall <nojunkmail_n3cvj@worldlynx.net>
Message-ID: <387DC5FB.2C8E@worldlynx.net>
Source record: 10527
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

sparksw4eas@mindspring.com wrote:
>
> Gheeezzz... In over 40 years as a boradcast engineer, I used to be able to
> hire a ham with a licience/first phone and know what I was hiring for the
> station. Now..... a pig in a poke :-) Sparks W4EAS
>

Exactly!

Dave

194. Re: The END of Ham Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-01-13 00:00:00 UTC
From: "R.L. Tannehill, P.E." <rickw7rt@mail.firstinter.net>
Message-ID: <387E0476.4627@mail.firstinter.net>
Source record: 10528
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

Dick Carroll wrote:
>
> R.L. Tannehill, P.E. wrote:
> >
> A ham radio license is only the starting point. Hopefully,
> a
> > > person will learn more after being licensed. But for many, the
> > > achievement of the license, is acknowlegement that they've reached a
> > > milestone in their goals. Life is but a series of goals. Why diminish
> > > the value of someone's goals?
> > >
> > > Dave
>
>
> > Totally irrelevant.....a ham radio license is of no commercial use.
>
> It's a certainty that it will never again be, but it has
> not always been so. As a high school kid I got a job after
> hours repairing radios and TVs *ONLY* because I was a ham. I
> got into military electronics, and graduated near the top of
> my electronics school class, because I was a ham. Later I
> got a GOOD technical job in radio - because I was a ham and
> had used that fact to build my resume.
>
> > This is *Amateur* radio, not commercial/professional/broadcast/PCS
> > whatever.
>
> Yep. Only a mere shell of its former self.
>
>
> > The license is NOT a graduation certificate, but rather an entrance
> > permit to the hobby/service.
>
> You jokers have regurgitated that tired old bromide until
> even the kids at the FCC believe it, now. But Hey, what do
> they know, they just work there, right?
>
> If you prefer to view your EXTRA class license as an
> "entrance permit" to the hobby, it tells me that you got it
> for free. Most of us did not, and DO NOT. The FCC, at least
> 30 years ago, considered an EXTRA class licensee to be the
> only expert class of ham. The fact that he was knowledgeable

> enough to score a passing grade on their tests was proof
> enough.
>
> Congratulations on changing their minds. Henceforth there
> will never be anything other than "entry level" class hams
> licensed. And that's exactly where most of them will stay.

The Technician is by definition, an entrance level exam, and has been for 10 years. The General and Extra are more than entrance obviously, since they require more knowledge to pass. However, they are entry levels to their enhanced privileges. In no sense are they graduation certificates, or proof that someone has achieved something great in technology development. Amateur radio never was meant to be a college degree. The only applicability of an amateur radio license to the commercial world that I know of is that an Extra will get you a *Third* class NARTE Technician certificate.

R.T.

195. Re: The END of Ham Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-01-13 00:00:00 UTC
From: Michael Moore <m.moore@utoronto.ca>
Message-ID: <387E121B.B68D341B@utoronto.ca>
Source record: 10529
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

sparksw4eas@mindspring.com wrote:
>
> Gheeezzz... In over 40 years as a boradcast engineer, I used to be able to
> hire a ham with a licience/first phone and know what I was hiring for the
> station. Now..... a pig in a poke :-) Sparks W4EAS

Maybe now you'll have to:

a) conduct interviews,
b) hire college graduates (from a relative field), and/or
c) hire experienced broadcast engineers

--
Michael Moore

196. Re: Brush up on your 10-Codes Old-Timers.

Newsgroup: rec.radio.amateur.space
Date: 2000-01-13 00:00:00 UTC
From: Michael Moore <m.moore@utoronto.ca>
Message-ID: <387E12F8.70667C4D@utoronto.ca>
Source record: 10530
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

```
Quux wrote:
> Ever ordered Shrimp Scampi or said "Shrimp Scampi"?
> Then you've said shrimp shrimp. "scampi" is "shrimp"
> in Italian.

... like tuna fish.

--
Michael Moore
```

197. Re: Brush up on your 10-Codes Old-Timers.

Newsgroup: rec.radio.amateur.space
Date: 2000-01-13 00:00:00 UTC
From: W6RCecilA <Cecil.A.Moore@IEEE.org>
Message-ID: <387E2CE8.918F8158@IEEE.org>
Source record: 10531
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

```
Michael Moore wrote:
>
> Quux wrote:
> > Ever ordered Shrimp Scampi or said "Shrimp Scampi"?
> > Then you've said shrimp shrimp. "scampi" is "shrimp"
> > in Italian.
>
> ... like tuna fish.

Worse yet, at the local cafe, one can order chicken scampi. :-)
--
73, Cecil, W6RCA http://www.mindspring.com/~w6rca
```

198. Re: patch to make SatTrack work in 2000

Newsgroup: rec.radio.amateur.space
Date: 2000-01-13 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn87sae6.678.nomail@linux.pe1chl.ampr.org>
Source record: 10532

Erik van Bronkhorst <vanbronkhoew@navair.navy.mil> wrote:
>THANK YOU

>I can deal with a diff no problem, I for one predate rpms and debs
>and all of the newfangled package managers. I wish all
>of the purveyors of linux would stop reinventing the wheel,
>but I do understand their motivation.

I don't understand why you post this comment. Diffs have been
traditionally used to distribute small fixes to source code, and
package managers are a very good solution to an entirely different
problem: installing several programs on a computer and keeping track
of files and the programs they belong to. I don't see how these
are related, and I happily use RPM to keep track of the packages
on my system. This morning I updated the whole thing from SuSE 6.2
to 6.3 with very little effort and trouble, especially when compared
to the early days of Linux.

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

199. Re: patch to make SatTrack work in 2000

Newsgroup: rec.radio.amateur.space
Date: 2000-01-13 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn87sak1.678.nomail@linux.pe1chl.ampr.org>
Source record: 10533

Hamish Moffatt <hamish@rising.com.au> wrote:
>Erik van Bronkhorst <vanbronkhoew@navair.navy.mil> wrote:
>> I can deal with a diff no problem, I for one predate rpms and debs
>> and all of the newfangled package managers. I wish all
>> of the purveyors of linux would stop reinventing the wheel,
>> but I do understand their motivation.

>Well, there's some duplication with RPM versus DEB, but either is better
>than no package manager at all. Compiling from source is OK for some
>things but to maintain your entire system from source is a big job
>today if you want to keep things up to date.

>(As to RPM versus DEB.. deb is technically superior, but RPM is
>more popular for now. They may get merged at some point in the future.)

The problem is that the systems that use RPM are superior with regards
to user-friendlyness of installation and maintenance. Debian may be
technically superior (in the eyes of its developers), but I would not
want to use it as long as the installation process is as I last saw it.
Apparently that is true for the majority of the Linux users...

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

200. Re: The END of Ham Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-01-13 00:00:00 UTC
From: Dwight Stewart <stewart@amouse.net>
Message-ID: <387E3987.CC1FAC4@amouse.net>
Source record: 10534
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

Dick Carroll wrote:
>
> It's a certainty that it will never again be, but it has
> not always been so. As a high school kid I got a job after
> hours repairing radios and TVs *ONLY* because I was a ham. I
> got into military electronics, and graduated near the top of
> my electronics school class, because I was a ham. Later I
> got a GOOD technical job in radio - because I was a ham and
> had used that fact to build my resume.

The ham license has never been proof of electronics skill or knowledge, Dick. When you got the jobs you describe above, did you do so without any further training? In other words, did the radio/tv repair shop hire you without giving you any training after you were hired? Did the military hire you without any further training?

If they had to train you, then you cannot now claim that passing the ham license exam was evidence of electrical skill since those organizations did not take that license as proof of electrical skill. For those organizations, that license was only proof that you had some basic understanding of basic electronics and therefore would be easier to train than another person.

And the ham license of today still serves that purpose. However, it plays less of a role in the hiring process today simply because radio plays less of a role in an electronics career today. Years ago, because of the greater role radio played in an electronics career, many more organizations were willing to give credit for any radio training (no matter how basic). Since radio plays less of a role today, fewer organizations give that credit (even those who did years ago).

I also think you're being a little disingenuous here, Dick. After working at a radio/tv repair shop, graduating near the top of your electronics school class, and working in electronics in the military, I really doubt that the ham license really played that much of a role in your later employment at that "good technical job."

The simple fact, whether you want to admit it or not, is that the ham license exam has always been an extrance exam into the world of hobby radio (hobby radio, not professional or commercial radio). That is the way the FCC designed it many years ago, and that is also why there have always been other, much more difficult, license exams for professional or commercial radio personnel.

With that in mind, the existing license exam system serves its purpose well.

Dwight Stewart
Amateur Radio, Technician
F.C.C. License: W5NET
http://www.qsl.net/w5net

201. Re: Amateur Restructuring, Liberal Democrats, & No-Coders

Newsgroup: rec.radio.amateur.space
Date: 2000-01-13 00:00:00 UTC
From: cobra@budweiser.com
Message-ID: <387e32e4.1633870@news.thegrid.net>
Source record: 10535
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

I understand it real well, In fact it's an 8wpm barrier but you may
have got stuck at 10wpm. Morse code does in fact have something to do
with radio, We dont send it over the phone do we? But I do agree with
most of the post in here that morse at present does not make ham radio
what it is today. Maybe 30 or more years ago, but not today. Good luck
getting passed the barrier and I hope I dont have that problem when I
get there which I know I will! :(

73's de kf6foz

On Thu, 13 Jan 2000 12:48:55 GMT, "Christopher Cox" <cobox@urec.net>
wrote:

>Well, I understand your point, but you may not have tried this yourself.
>There is a definite 10wpm 'Wall', I am there now. This is caused when you
>are trying to condition yourself to use the 'sound' of a character to
>recognize it vs. interpreting a collection of dots and dashes. As the mind
>fluctuates between modes, you hesitate and start missing characters.
>
>I am earnestly trying for my 13 or 20 wpm, but still think Morse code has
>zero to do with radio.
>
>Please stop crossposting this to the sat group.
>
>Thanks
>
>Christopher Cox
>KC8FRJ
>
>

202. Re: The END of Ham Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-01-14 00:00:00 UTC
From: "Eric F. Richards" <efricha@flatland.dimensional.com>
Message-ID: <z5Kf4.170$x3.344@wormhole.dimensional.com>
Source record: 10449
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

In rec.radio.scanner sparksw4eas@mindspring.com wrote:
> Gheeezzz... In over 40 years as a boradcast engineer, I used to be able to
> hire a ham with a licience/first phone and know what I was hiring for the
> station. Now..... a pig in a poke :-) Sparks W4EAS

Well, I'll tell ya what...

Why don't you try interviewing at HP and tell them that your qualifications
include being able to design a Hartley oscillator from memory and that you
can send and receive 20WPM code proficiently. See how far you go...

--
Eric F. Richards
efricha@dimensional.com
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

203. Re: The END of Ham Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-01-14 00:00:00 UTC
From: K0HB@arrl.org
Message-ID: <85nqle$l0u$1@news.netmar.com>
Source record: 10450
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,

In a previous article, Dick Carroll <dixie@townsqr.com> writes:

> I'd bet they have trouble finding a young ham to take this
> job.

You lose the bet.

I know of two young (under 30) hams who have sent resumes.

73, Hans, K0HB

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----- http://newsone.net/ -- Discussions on every subject. -----
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made through NewsOne.Net violate posting guidelines, email abuse@newsone.net

204. winorbit y2k problem

Newsgroup: rec.radio.amateur.space
Date: 2000-01-14 00:00:00 UTC
From: Bruce Wade <mackerma@ns.sympatico.ca>
Message-ID: <387F947E.942F3D4A@ns.sympatico.ca>
Source record: 10451

Has anyone found or provided a fix for the Winorbit program.. due to the
y2k problem ?
rgds / VE1NB

205. Re: The END of Ham Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-01-14 00:00:00 UTC
From: Hamish Moffatt <hamish@rising.com.au>
Message-ID: <85obs3$6ds$1@arachne.labyrinth.net.au>
Source record: 10452
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

In rec.radio.amateur.space Dick Carroll <dixie@townsqr.com> wrote:
> Hamish, what sort of written test does Australia have? Do
> you have prepublished querstion pools with the exact test
> questions with their exact answers?

I don't think the question pools are available for purchase.
On the other hand, our volunteer examiners probably have a bit of a
collection from all the exams they've run in the past.

I haven't heard of corruption in the VE process here, and we don't
have the medical exemption for Morse either.

73

Hamish vk3sb
--
Hamish Moffatt Mobile: +61 412 011 176 hamish@rising.com.au
Rising Software Australia Pty. Ltd. http://www.risingsoftware.com/
Phone: +61 3 9894 4788 Fax: +61 3 9894 3362 USA: 1 888 667 7839

206. Power Connectors

Newsgroup: rec.radio.amateur.space
Date: 2000-01-14 00:00:00 UTC
From: Ken Mirabella <kjm@flo-bin.com>
Message-ID: <unQf4.251$p_4.20956@typhoon-la.pbi.net>
Source record: 10453

Subject: OEM "T" power connectors and Anderson Powerpoles

I have started a new web site to sell the hard to find and "elusive"
Anderson Powerpole connectors that have become (or are becoming) the most
popular power connector for interchangeability in the emergency community
along with Yaesu, Kenwood and Icom mobile OEM "T" power connectors.

www.powerwerx.com was started with hearing the concerns of hams across
the country in newsgroups of "where to purchase these connectors" and other
"hard to find" products at reasonable prices.

PowerWerx.com encourages groups to pool their purchases to obtain a very low
price on power connectors.

I apologize for the commercial promotion, but I feel that an on-line secure
source for these products has not been available for quite some time.

We accept MasterCard/Visa.

The philosophy of "one ham helping another" is now extended from my web site
to you.

Ken, KM6YH
www.powerwerx.com

207. Re: winorbit y2k problem

Newsgroup: rec.radio.amateur.space
Date: 2000-01-14 00:00:00 UTC
From: The Ronneys <pronney@sprynet.com>
Message-ID: <85ouek$3cb$1@nntp2.atl.mindspring.net>
Source record: 10454

Hi Bruce.

I use WinOrbit here and don't notice any problem. What problem are you experiencing?

Martin Ronney, WB6YMI

Bruce Wade wrote in message <387F947E.942F3D4A@ns.sympatico.ca>...
>Has anyone found or provided a fix for the Winorbit program.. due to the
>y2k problem ?
>rgds / VE1NB
>

208. Re: The END of Ham Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-01-14 00:00:00 UTC
From: Dick Carroll <dixie@townsqr.com>
Message-ID: <85lt2f$i7n$0@208.207.71.167>
Source record: 10536
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

R.L. Tannehill, P.E. wrote:
> >
> The Technician is by definition, an entrance level exam, and has been
> for 10 years. The General and Extra are more than entrance obviously,
> since they require more knowledge to pass.

Not any more! All that's required is the determination to
make the necessary memorizations, and to stay with the
program until it's done. At which time no one will be able
to determine, without some sort of additional testing,
whether the newly licensed Extra has learned anything at
all! Now, the only differentiation among the amateur license
classes is merely "Did you memorize 35, 70 or 120 question
and answer pairs?" Neat!

> However, they are entry
> levels to their enhanced privileges. In no sense are they graduation
> certificates, or proof that someone has achieved something great in
> technology development.

You don't say. I guess that's why all the newcomers come to
the old Extra with all their questions and problems- or once
did. Evidently they hadn't learned that he was just a
beginner, too. What drivel.

> Amateur radio never was meant to be a college
> degree.

For most radio technical people over the term of its
history, a college degree just wasn't in the scheme. Nor did
it need to be. Yeah, we know those of you who came along
later would like to change that. And as far as ham radio is
concerned, you got it done.

> The only applicability of an amateur radio license to the
> commercial world that I know of is that an Extra will get you a *Third*
> class NARTE Technician certificate.
>

Well, Hoop de do! That just shows how much disdain you
"engineers" have for any non-engineer. We just don't count.
Fine, I sure don't need your "Narte" nasty and wouldn't have
it. I had a First Phone that the FCC junked, the same way
they just did to the Extra class ham license. Whatever

little technical prestige Extra had remaining, and after 15 years of Question Pools there sure wasn't much, is now gone to the same junkpile. RIP. It was once upon a time a Very Good Thing. Now it's nothing.

209. Re: Amateur Restructuring - CALL SIGNS !!!!! - Great Idea!

Newsgroup: rec.radio.amateur.space
Date: 2000-01-14 00:00:00 UTC
From: jeffreyh@Hawaii.Edu
Message-ID: <85m8a3$g64$1@news.hawaii.edu>
Source record: 10537
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc

In rec.radio.amateur.antenna John P. Franklin wrote:
>So what's wrong with the call you already have?

It's too long.

Jeff KH6O

210. Re: The END of Ham Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-01-14 00:00:00 UTC
From: Dick Carroll <dixie@townsqr.com>
Message-ID: <85m95t$n5s$0@208.207.71.167>
Source record: 10538
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

Dwight Stewart wrote:
>
> The ham license has never been proof of electronics skill or
> knowledge, Dick.

Not in your lifetime. But that has not been the case at all
in mine.

> When you got the jobs you describe above, did you do
> so without any further training? In other words, did the radio/tv
> repair shop hire you without giving you any training after you were
> hired? Did the military hire you without any further training?

Does ANY job come without further training? None that I
know of.

> If they had to train you, then you cannot now claim that passing the
> ham license exam was evidence of electrical skill since those
> organizations did not take that license as proof of electrical skill.
> For those organizations, that license was only proof that you had some
> basic understanding of basic electronics and therefore would be easier
> to train than another person.

Well, well! And today, that can't be assumed, without
further testing. Once a ham radio license conveyed some
minimum level of knowledge and skill, in most cases. Today,
no employer who knows what has happened over the past couple
decades would consider awarding that 'credit' without other
independent confirmation.

> And the ham license of today still serves that purpose.

I'm afraid not. Today's ham license proves only that
licensee was only at least minimally interested in radio,
enough that he completed the licensing process. The FLAWED
licensing process.

However, it
> plays less of a role in the hiring process today simply because radio
> plays less of a role in an electronics career today.

There are fewer two-way radios in use today? What rock you
been hiding under? And there aren't a mass of wireless
services that have sprung up overnight? These are not
"radio"?

Years ago, because
> of the greater role radio played in an electronics career, many more
> organizations were willing to give credit for any radio training (no
> matter how basic). Since radio plays less of a role today, fewer
> organizations give that credit (even those who did years ago).

Your conclusion is true but you erred in your reasoning.
Radio is more widespread than ever, in every area of life.
Even the dreaded HF telephone wireless modems are radio.

> I also think you're being a little disingenuous here, Dick. After
> working at a radio/tv repair shop, graduating near the top of your
> electronics school class, and working in electronics in the military, I
> really doubt that the ham license really played that much of a role in
> your later employment at that "good technical job."

You'd be wrong. And to top it off, they even gave me a
Morse code exam!
The organization had discontinued the use of Morse not long
before, but still retained it as a backup to wireline
teletype. ALL the officials who were involved in the hiring
process were longtime hams themselves, and knew all about
what a ham ticket meant *then*.

> The simple fact, whether you want to admit it or not, is that the ham
> license exam has always been an extrance exam into the world of hobby
> radio (hobby radio, not professional or commercial radio). That is the
> way the FCC designed it many years ago, and that is also why there have
> always been other, much more difficult, license exams for professional
> or commercial radio personnel.

That is neither a simple nor a complicated fact, in fact it
is no fact at all. Just as Novice was the preferred entry
point into ham radio, a ham license was once the preferred
entry point into commercial radio and electronics. The
commercial exams came later (been there too). THAT is what
has changed.

> With that in mind, the existing license exam system serves its > purpose well.

Sure does. It sets the ARS up for making our frequencies
available for reallocation to commercials, since such a
trivialized "service", now easily equated with other trivial
services such as the Citizens Band service, is much less
valuable in its own right. Only ours has VAST SPECTRUM
available for the taking. FCC has just completed the setup
by doing exactly the oppositee of what they said - they have
made the Amateur Radio Service a **NON-technical** entity,
and you have just helped to confirm it all.

I'd imagine the Question Pool Committee will further
confirm it after April 15.

W0EX

211. Re: Brush up on your 10-Codes Old-Timers.

Newsgroup: rec.radio.amateur.space
Date: 2000-01-14 00:00:00 UTC
From: "Arthur H. Wertz" <artwertz@mindspring.com>
Message-ID: <387EBD0E.60D1B1B8@mindspring.com>
Source record: 10539
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

Mad Nomad wrote:

> I would love to hear a CB'er who really knew how to use the 10-codes.
> The code 10-20 means "What's your location?" Can't tell how many
> times I've heard "What's your twenty?" It's like saying "What's your
> what's your location?"
>
> Mad Nomad
>
> On Tue, 11 Jan 2000 06:14:08 GMT, vlfiscus@mcn.net (Vince Fiscus,
> KB7ADL) wrote:
>
> >Brush up on your 10-codes Boys.
> >
> >The CB-RL, Citizens Band-Relay League in Newington, CT, is
> >going to update their Operating Manual with a section on 10-codes
> >and CB Lingo so old Hams can understand what the new hams
> >are talking about.

Sorta like saying QSY on SSB!!!

--
Art Wertz N5AEN
artwertz@mindspring.com
http://www.qsl.net/~n5aen

212. Re: The END of Ham Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-01-14 00:00:00 UTC
From: Hamish Moffatt <hamish@rising.com.au>
Message-ID: <85mlrp$1o0c$1@arachne.labyrinth.net.au>
Source record: 10540
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

In rec.radio.amateur.space R.L. Tannehill, P.E. <rickw7rt@mail.firstinter.net> wrote:
> The Technician is by definition, an entrance level exam, and has been
> for 10 years. The General and Extra are more than entrance obviously,
> since they require more knowledge to pass. However, they are entry
> levels to their enhanced privileges. In no sense are they graduation
> certificates, or proof that someone has achieved something great in

No, but if you've made the effort to learn and understand the theory (and not
to memorise the questions) it's something you can be proud of perhaps.
In VK when you get your license you get both the station license
and a certificate of proficiency. The unrestricted license is the
"Amateur Operator's Certificate of Proficiency" for example. This is
actually quite a nice certificate, with the seal of the ACA etc.

Hamish vk3sb
--
Hamish Moffatt Mobile: +61 412 011 176 hamish@rising.com.au
Rising Software Australia Pty. Ltd. http://www.risingsoftware.com/
Phone: +61 3 9894 4788 Fax: +61 3 9894 3362 USA: 1 888 667 7839

213. Re: The END of Ham Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-01-14 00:00:00 UTC
From: Gray Shockley <gray@compcomm.com>
Message-ID: <01HW.B4A439F100053B9C08D9BA2C@news.netdoor.com>
Source record: 10541
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

Hi, People!

I'd like to very respectfully and with no malice aforethought <bwg> request that there be some "tailoring" of cross-postings.

I'm over on "rec.radio.shortwave" and there is all sorts of "ham" stuff being cross-posted to it that have nothing to do with SWLing but only with hams.

I think y'all are great and I owe my interest in SWLing to hams but if I wanted to be "in" on ham stuff, I'd subscribe to ham newsgroups.

When I got on the Internet in 1989, this wasn't a big deal as the ng's were so small but - in 2000 - this x-posting really bogs everything down.

As I said: no flame, just a respectful request.

Many thanks,

Gray

Gray Shockley
Entropy Maintenance Technician
gray@compcomm.com
http://www.compcomm.com/
Vicksburg, MS US

[And, yes, I x-posted this but for an obvious reason <grin>.]

g

214. Re: patch to make SatTrack work in 2000

Newsgroup: rec.radio.amateur.space
Date: 2000-01-14 00:00:00 UTC
From: Hamish Moffatt <hamish@rising.com.au>
Message-ID: <85mvkm$20la$1@arachne.labyrinth.net.au>
Source record: 10542

Rob Janssen <nomail@rob.knoware.nl> wrote:
> The problem is that the systems that use RPM are superior with regards
> to user-friendlyness of installation and maintenance. Debian may be
> technically superior (in the eyes of its developers), but I would not
> want to use it as long as the installation process is as I last saw it.
> Apparently that is true for the majority of the Linux users...

Perhaps. Which version did you try? I think the 2.1 installation is
pretty painless.

Debian has a lot of support among the free software community.
It comes with a lot of ham radio software and there are quite a number
of hams 'on staff' as developers.

Hamish vk3sb
--
Hamish Moffatt Mobile: +61 412 011 176 hamish@rising.com.au
Rising Software Australia Pty. Ltd. http://www.risingsoftware.com/
Phone: +61 3 9894 4788 Fax: +61 3 9894 3362 USA: 1 888 667 7839

215. Re: The END of Ham Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-01-14 00:00:00 UTC
From: Mike Yetsko <joe@user.com>
Message-ID: <xwGf4.13627$o62.609517@newsread1.prod.itd.earthlink.net>
Source record: 10543
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

Dick Carroll wrote:
>
> It's a certainty that it will never again be, but it has
> not always been so. As a high school kid I got a job after
> hours repairing radios and TVs *ONLY* because I was a ham. I
> got into military electronics, and graduated near the top of
> my electronics school class, because I was a ham. Later I
> got a GOOD technical job in radio - because I was a ham and
> had used that fact to build my resume.

Dick,

I think you're downplaying your own abilities and attaching too
much importance to the license. Sure, the license, especially in
the past, was a 'flag' indicator of certain abilities, but that hasn't
been true for years. I think the status of a HAM license as a
flag of technical competance went out the window in the 60's,
when consumer technology moved away from 'hand wired chassis'
and tube technology. Not that HAMs changed any at that time,
but the public perception of 'high tech'. And over the years it's
further changed.

Mike

216. Re: The END of Ham Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-01-14 00:00:00 UTC
From: km5n.nospam@earthlink.net
Message-ID: <MPG.12e8f78578c3c56998969d@news.earthlink.net>
Source record: 10544
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

> > > Totally irrelevant.....a ham radio license is of no commercial use.

Hmm. Check out this link.

http://www.bah.com/recruiting/details.cfm?posting_id=565

Adam, KM5N

217. Re: The END of Ham Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-01-14 00:00:00 UTC
From: Dick Carroll <dixie@townsqr.com>
Message-ID: <85ni3bedr3@208.207.71.159>
Source record: 10545
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

Hamish Moffatt wrote:
>
> In rec.radio.amateur.space R.L. Tannehill, P.E. <rickw7rt@mail.firstinter.net> wrote:
> > The Technician is by definition, an entrance level exam, and has been
> > for 10 years. The General and Extra are more than entrance obviously,
> > since they require more knowledge to pass. However, they are entry
> > levels to their enhanced privileges. In no sense are they graduation
> > certificates, or proof that someone has achieved something great in
>
> No, but if you've made the effort to learn and understand the theory (and not
> to memorise the questions) it's something you can be proud of perhaps.
> In VK when you get your license you get both the station license
> and a certificate of proficiency. The unrestricted license is the
> "Amateur Operator's Certificate of Proficiency" for example. This is
> actually quite a nice certificate, with the seal of the ACA etc.
>
> Hamish vk3sb

Hamish, what sort of written test does Australia have? Do
you have prepublished querstion pools with the exact test
questions with their exact answers?

218. Re: Amateur Restructuring, Liberal Democrats, & No-Coders

Newsgroup: rec.radio.amateur.space
Date: 2000-01-14 00:00:00 UTC
From: "David M. Brodbeck" <dmbrodbe@mtu.edu>
Message-ID: <85nkgd$s5p$2@campus3.mtu.edu>
Source record: 10546
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

In rec.radio.shortwave kf6foz <cobra@budweiser.com> wrote:
> We dont send it over the phone do we?

--> Well, you *could*, but it's hard to get much speed when keying a
DTMF pad.

David Brodbeck, N8SRE dmbrodbe@mtu.edu
finger gull@cyberspace.org for my public key block.

"[Television] won't be able to hold on to any market it captures after the
first six months. People will soon get tired of staring at a plywood box
every night." -- Darryl Zanuck, 20th Century Fox Studios chief, in 1946.

219. Re: The END of Ham Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-01-14 00:00:00 UTC
From: W6RCecilA <Cecil.A.Moore@IEEE.org>
Message-ID: <387F65FE.BECC0074@IEEE.org>
Source record: 10547
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

Gray Shockley wrote:
> As I said: no flame, just a respectful request.

This is not a flame but just to ensure that you grasp
the problem. You are cross-posting to an antenna group
something that has absolutely nothing to do with antennas.
--
73, Cecil, W6RCA http://www.mindspring.com/~w6rca

220. Re: The END of Ham Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-01-14 00:00:00 UTC
From: Dick Carroll <dixie@townsqr.com>
Message-ID: <85npbe$9ff$0@208.207.71.156>
Source record: 10548
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

Adam Adkins wrote:
>
> > > > Totally irrelevant.....a ham radio license is of no commercial use.
>
> Hmm. Check out this link.
>
> http://www.bah.com/recruiting/details.cfm?posting_id=565
>

I did, with this result:

Radio Operator/Communications Analyst in Quantico, Virginia
USA

Key Role
Provide Morse code and radio operator support for key
government clients.

Qualifications
HS diploma
3-5 years of experience
Experience with voice, FSK, and packet communications
Experience with Morse code at a proficiency of 18-20
groups per minute or Extra Class FCC ARL
Experience with radio theory, Q signs, and radio
equipment

E-mail your resume directly to Mike.

I'd bet they have trouble finding a young ham to take this
job.

221. Re: HeathKit HW-2036

Newsgroup: rec.radio.amateur.space
Date: 2000-01-15 00:00:00 UTC
From: wb4lnm@aol.com
Message-ID: <20000114204536.29248.00000303@ng-cq1.aol.com>
Source record: 10455

What exactly does this have to do with amateur space communications? Is someone supposed to want an HW-2036 to use as a guy wire anchor for their az-el antenna mount? Hey, I used to work for Heath, and I love the 2036, but this is an inappropriate place to advertise equipment sales. There are other newsgroups for that. You should be ASHAMED of yourself, Larry.

>Subject: HeathKit HW-2036
>From: "Larry & Lisa Giovanetti" giovanetti@hcis.net
>Date: 12-01-00 11:15 PM Eastern Standard Time
>Message-id: <85jkbc$9il$1@ffx2nh4.news.uu.net>
>
>This is a mint condition Radio. Heathkit HW-2036 2-meter radio. One Owner
>built in 1977....Have manuals. Also has a DTMF microphone from Heathkit on
>it.......Only reasonable offers considered.....Buyer pays shipping handling
>and insurance....This is a collectors Item.
>
>Larry
>

222. Re: Amateur Restructuring, Liberal Democrats, & No-Coders

Newsgroup: rec.radio.amateur.space
Date: 2000-01-15 00:00:00 UTC
From: cobra@budweiser.com
Message-ID: <387fd0ed.2143283@news.thegrid.net>
Source record: 10456
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

Yeah, I guess that would be hard to send CW on a dtmf pad! heh!

On 14 Jan 2000 16:56:45 GMT, David M. Brodbeck <dmbrodbe@mtu.edu>
wrote:
>In rec.radio.shortwave kf6foz <cobra@budweiser.com> wrote:
>> We dont send it over the phone do we?
>
>--> Well, you *could*, but it's hard to get much speed when keying a
>DTMF pad.
>

223. Re: Amateur Restructuring, Liberal Democrats, & No-Coders

Newsgroup: rec.radio.amateur.space
Date: 2000-01-15 00:00:00 UTC
From: liam@ork.net
Message-ID: <K6Sf4.3527$Ef6.908826@news.shore.net>
Source record: 10457
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

In rec.radio.scanner Yeah Right <yeahright@dopefish.com> wrote:
> I am suggesting that morse code is another language in itself, and
> learning a language is harder than improving the language skills!
> The post was to explain that The restructuring
> isn't changing the difficulty level of passing 5wpm.
> In other words, Passing 5wpm is harder to pass than 13/20 wpm.
> Therefore I must ask you, Did that answer your question or was I not
> reading your question right?

There is a world of difference between 5 wpm and 13/20 wpm.

At 5 wpm you can still get away with thinking about each letter after it
is transmitted. By 13, and quite definitely by 20, you had better be well
integrated with the code, recognizing the "sound" of patterns, or you will
fail quite miserably.

224. Re: Brush up on your 10-Codes Old-Timers.

Newsgroup: rec.radio.amateur.space
Date: 2000-01-15 00:00:00 UTC
From: Bill Nelson <billn@spock.peak.org>
Message-ID: <85os58$74q$6@bashir.peak.org>
Source record: 10458
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

Mad Nomad wrote:
:
: I would love to hear a CB'er who really knew how to use the 10-codes.
: The code 10-20 means "What's your location?" Can't tell how many
: times I've heard "What's your twenty?" It's like saying "What's your
: what's your location?"

Such CBers exist. You also hear hams say "What's your QTH?" - which
means "What's your what is your QTH." Just as bad, poor usage abounds
in both radio services.

--
Bill Nelson (billn@peak.org)

225. Re: Brush up on your 10-Codes Old-Timers.

Newsgroup: rec.radio.amateur.space
Date: 2000-01-15 00:00:00 UTC
From: Save@CW.net
Message-ID: <s802k22noj835@corp.supernews.com>
Source record: 10459
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

Ten Four on that good Buddy!

In article <387EBD0E.60D1B1B8@mindspring.com>, "Arthur H. Wertz"
<artwertz@mindspring.com> wrote:
>Mad Nomad wrote:
>
>> I would love to hear a CB'er who really knew how to use the 10-codes.
>> The code 10-20 means "What's your location?" Can't tell how many
>> times I've heard "What's your twenty?" It's like saying "What's your
>> what's your location?"
>>
>> Mad Nomad
>>
>> On Tue, 11 Jan 2000 06:14:08 GMT, vlfiscus@mcn.net (Vince Fiscus,
>> KB7ADL) wrote:
>>
>> >Brush up on your 10-codes Boys.
>> >
>> >The CB-RL, Citizens Band-Relay League in Newington, CT, is
>> >going to update their Operating Manual with a section on 10-codes
>> >and CB Lingo so old Hams can understand what the new hams
>> >are talking about.
>
>Sorta like saying QSY on SSB!!!
>

226. Re: Amateur Restructuring - CALL SIGNS !!!!! - Great Idea!

Newsgroup: rec.radio.amateur.space
Date: 2000-01-15 00:00:00 UTC
From: fred1@my-deja.com
Message-ID: <85plvhior1@nnrp1.deja.com>
Source record: 10460
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc

In article <387ABBB9.8ECC8A86@worldnet.att.net>,
"George T. Baker" <w5yr@worldnet.att.net> wrote:
> I really doubt that Part 97 recognizes WXYYY/20 as a valid call sign
to
> use when identifying a station.
>
Part 97 doesn't specifically address suffixes except
in question of "instant" upgrades where valid CSCE
holders can use specific suffixes to indicate that
they hold examination credit to use certain band/sub-
bands not encompassed by the current FCC-issued license
they hold. I wouldn't encourage such practice, to me
it would be simply a sour grapes response to the FCC's
elimination of the higher speed code elements.
The elimination of higher speed code elements is a
DONE deal, no "sour grapes" response within the
amateur community be it form of amateurs attemping
to identify themseleves on the air as "real" hams
because they passed a 13 or 20 WPM code element or
those that advocate VE's boycott participation in
the licensing process after April 15th is going to
make the FCC reconsider their action and restore
higher code speed elements as part of the licensing
requirement.

......Fred

Sent via Deja.com http://www.deja.com/
Before you buy.

227. Re: winorbit y2k problem

Newsgroup: rec.radio.amateur.space
Date: 2000-01-15 00:00:00 UTC
From: Bruce Wade <mackerma@ns.sympatico.ca>
Message-ID: <388057C6.24171ADC@ns.sympatico.ca>
Source record: 10461

Good Morning:
I am using a version of winorbit that I downloaded last year. After the
new year rolled
in, when I load up the program... i'm getting many 'checksum' errors for
various satellite
orbits.
Wonder if this is a y2k thing, that has been addressed and fixed ?
rgds / bruce

The Ronneys wrote:

> Hi Bruce.
>
> I use WinOrbit here and don't notice any problem. What problem are you
> experiencing?
>
> Martin Ronney, WB6YMI
>
> Bruce Wade wrote in message <387F947E.942F3D4A@ns.sympatico.ca>...
> >Has anyone found or provided a fix for the Winorbit program.. due to the
> >y2k problem ?
> >rgds / VE1NB
> >

228. Re: Amateur Restructuring, Liberal Democrats, & No-Coders

Newsgroup: rec.radio.amateur.space
Date: 2000-01-15 00:00:00 UTC
From: wf3h@ptd.net
Message-ID: <3880bac6.51422892@news.ptd.net>
Source record: 10462
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

On Tue, 11 Jan 2000 06:36:59 GMT, vlfiscus@mcn.net (Vince Fiscus, KB7ADL) wrote:

>Amateur Restructuring, Liberal Democrats, and No-Coders.
>
>The FCC's restructuring plan shouldn't be a surprise to
>anyone. After all, it comes out of the Liberal Clinton
>Administration. Conservative republicans are willing to work hard
>for their rewards, but Liberal democrat No-Code CB whiners want
>everything handed to them on a silver platter.

actually it was the conservatives who sold us out so they could increase business for vendors.

229. Re: winorbit y2k problem

Newsgroup: rec.radio.amateur.space
Date: 2000-01-15 00:00:00 UTC
From: ralphmw@aol.com
Message-ID: <20000115132816.05424.00000003@ng-cd1.aol.com>
Source record: 10463

How are your Kep files? Are they up to date? That may be a possible solution.

Ralph NH6QT/3

230. Re: Amateur Restructuring, Liberal Democrats, & No-Coders

Newsgroup: rec.radio.amateur.space
Date: 2000-01-15 00:00:00 UTC
From: W6RCecilA <Cecil.A.Moore@IEEE.org>
Message-ID: <3880BEDB.42CBB24B@IEEE.org>
Source record: 10464
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

wf3h@ptd.net wrote:
>
> vlfiscus@mcn.net (Vince Fiscus, KB7ADL) wrote:
> >The FCC's restructuring plan shouldn't be a surprise to
> >anyone. After all, it comes out of the Liberal Clinton
> >Administration. Conservative republicans are willing to work hard
> >for their rewards, but Liberal democrat No-Code CB whiners want
> >everything handed to them on a silver platter.
>
> actually it was the conservatives who sold us out so they could
> increase business for vendors.

AND eliminate the bulk of the federal Morse code subsidy in
the process. Conservatives believe in a free market (of modes).
--
73, Cecil, W6RCA http://www.mindspring.com/~w6rca

231. Re: winorbit y2k problem

Newsgroup: rec.radio.amateur.space
Date: 2000-01-15 00:00:00 UTC
From: Peter Hodgson <va3pkh@rac.ca>
Message-ID: <3880C07A.4575A808@rac.ca>
Source record: 10465

Hi Bruce
I am experiencing problems with my Winorbit too.
When I load Keps dated after December 24 1999
I get checksum errors for every satellite in the database.

The WinOrbit bug list dated 1997 says "* Many "checksum errors" when program
starts, after updating database, or saving settings: Check "Number Format"
in
International Control Panel - the "1000 separator" and "decimal
separator" must be different!
I tried this but everything looked ok i.e. , & .

I guess someone will figure it out eventually.
I have noticed that clicking on the" keep" button when the
validity of the data is questioned seems to get past the problem
for now, and the data for SO 35 still works despite the errors

73

Peter
VA3PKH

Bruce Wade wrote:

> Has anyone found or provided a fix for the Winorbit program.. due to the
> y2k problem ?
> rgds / VE1NB

232. Re: Amateur Restructuring - CALL SIGNS !!!!! - Great Idea!

Newsgroup: rec.radio.amateur.space
Date: 2000-01-15 00:00:00 UTC
From: Joe <K7JOE@yahoo.com>
Message-ID: <3880C73C.DC8932D@yahoo.com>
Source record: 10466
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc

No, but when the ARRL decides that it's Hiram Maxim's birthday,
we can all go around signing "stroke 200"? Who the hell is the
ARRL to decide stuff like that? If they can decide, or if they
can ask the FCC for permission to identify this way, why can't
we (the 20+ WPM, 1-percenters, Extra Class pre-April 15th) request
the same?

Joe K7JOE "stroke 20"

fred1@my-deja.com wrote:
>
> In article <387ABBB9.8ECC8A86@worldnet.att.net>,
> "George T. Baker" <w5yr@worldnet.att.net> wrote:
> > I really doubt that Part 97 recognizes WXYYY/20 as a valid call sign
> to
> > use when identifying a station.
> >
> Part 97 doesn't specifically address suffixes except
> in question of "instant" upgrades where valid CSCE
> holders can use specific suffixes to indicate that
> they hold examination credit to use certain band/sub-
> bands not encompassed by the current FCC-issued license
> they hold. I wouldn't encourage such practice, to me
> it would be simply a sour grapes response to the FCC's
> elimination of the higher speed code elements.
> The elimination of higher speed code elements is a
> DONE deal, no "sour grapes" response within the
> amateur community be it form of amateurs attemping
> to identify themseleves on the air as "real" hams
> because they passed a 13 or 20 WPM code element or
> those that advocate VE's boycott participation in
> the licensing process after April 15th is going to
> make the FCC reconsider their action and restore
> higher code speed elements as part of the licensing
> requirement.
>
> ......Fred
>
> Sent via Deja.com http://www.deja.com/
> Before you buy.

233. Re: patch to make SatTrack work in 2000

Newsgroup: rec.radio.amateur.space
Date: 2000-01-15 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn880q0e.36h.nomail@linux.pe1chl.ampr.org>
Source record: 10467

Hamish Moffatt <hamish@rising.com.au> wrote:
>Rob Janssen <nomail@rob.knoware.nl> wrote:
>> The problem is that the systems that use RPM are superior with regards
>> to user-friendlyness of installation and maintenance. Debian may be
>> technically superior (in the eyes of its developers), but I would not
>> want to use it as long as the installation process is as I last saw it.
>> Apparently that is true for the majority of the Linux users...

>Perhaps. Which version did you try? I think the 2.1 installation is
>pretty painless.

I don't remember the version number. It dumped me into a program with
extremely counter-intuitive keymappings at installation time (probably
reasonable only to those who are accustomed to emacs), and when the painful
process of selecting packages was finished, it installed them one by one,
asking configuration questions all the time. So you could not leave it
alone.
When I decided that I needed more packages, it repeated the whole process
for all the packages already installed, deciding and reporting every time
that it had nothing to do. But still spending lots of time at it.

It was even slower than installing Windows and Windows programs...

I had no time to spend hours on getting a system installed and configured,
and RedHat did the same thing in 20 minutes, so... after a few hours
of fighting with this and remembering the remarks about a more
user-friendly installer that would be written sometime in the future but
was not high on the priority list, I decided to leave it at that.

Maybe in the meantime it has been written, and now it again can compete
with RedHat, SuSE etc.

>Debian has a lot of support among the free software community.
>It comes with a lot of ham radio software and there are quite a number
>of hams 'on staff' as developers.

In the environment where I use Linux, it is more important that there
is a real company with support services and guaranteed regular releases
behind it, than a certain religion about including/not including things
that are free/not free. And the installation and configuration has to
be done by people who are not old-time Unix hackers as well. I respect
those religious people but frankly it is not a priority to me (in fact I
would prefer when there would be a shakeout in Linux distributions and
a concentration on a standard, as that is required to get applications
available for everyone).
So we have used RedHat and now we are using SuSE (a German distribution).

It has hamradio stuff as well, but also commercial applications. I also use it at home.

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

234. re itrack

Newsgroup: rec.radio.amateur.space
Date: 2000-01-15 00:00:00 UTC
From: john <johnjr@m1cuu.freeserve.co.uk>
Message-ID: <85qqee$tm8$1@newsg3.svr.pol.co.uk>
Source record: 10468

thanks to all who replied to my request for help
much appreciated

--
from john randall - m5abs
url : http://www.m1cuu.freeserve.co.uk
email : johnjr@m1cuu.freeserve.co.uk
check my url for a demo version of my grid locator software on the
products/services page

235. sat tracking with alinco dx-70th

Newsgroup: rec.radio.amateur.space
Date: 2000-01-15 00:00:00 UTC
From: john <johnjr@m1cuu.freeserve.co.uk>
Message-ID: <85qqhjtop1@newsg3.svr.pol.co.uk>
Source record: 10469

is there someone out there who has used an alinco dx-70th for satellite
tracking with itrack or the station software ????
i would like to hear from you.

from john randall - m5abs
url : http://www.m1cuu.freeserve.co.uk
email : johnjr@m1cuu.freeserve.co.uk
check my url for a demo version of my grid locator software on the
products/services page

236. Re: Amateur Restructuring - CALL SIGNS !!!!! - Great Idea!

Newsgroup: rec.radio.amateur.space
Date: 2000-01-15 00:00:00 UTC
From: "William F. Hagen" <whagen@inreach.com>
Message-ID: <38810E0A.A7400CB@inreach.com>
Source record: 10470
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc

you could sign it 'stroke-off' for all anyone really cares.

Joe wrote:
>
> No, but when the ARRL decides that it's Hiram Maxim's birthday,
> we can all go around signing "stroke 200"? Who the hell is the
> ARRL to decide stuff like that? If they can decide, or if they
> can ask the FCC for permission to identify this way, why can't
> we (the 20+ WPM, 1-percenters, Extra Class pre-April 15th) request
> the same?
>
> Joe K7JOE "stroke 20"
>
> fred1@my-deja.com wrote:
> >
> > In article <387ABBB9.8ECC8A86@worldnet.att.net>,
> > "George T. Baker" <w5yr@worldnet.att.net> wrote:
> > > I really doubt that Part 97 recognizes WXYYY/20 as a valid call sign
> > to
> > > use when identifying a station.
> > >
> > Part 97 doesn't specifically address suffixes except
> > in question of "instant" upgrades where valid CSCE
> > holders can use specific suffixes to indicate that
> > they hold examination credit to use certain band/sub-
> > bands not encompassed by the current FCC-issued license
> > they hold. I wouldn't encourage such practice, to me
> > it would be simply a sour grapes response to the FCC's
> > elimination of the higher speed code elements.
> > The elimination of higher speed code elements is a
> > DONE deal, no "sour grapes" response within the
> > amateur community be it form of amateurs attemping
> > to identify themseleves on the air as "real" hams
> > because they passed a 13 or 20 WPM code element or
> > those that advocate VE's boycott participation in
> > the licensing process after April 15th is going to
> > make the FCC reconsider their action and restore
> > higher code speed elements as part of the licensing
> > requirement.
> >
> > ......Fred
> >
> > Sent via Deja.com http://www.deja.com/

> > Before you buy.

237. FS: New 250w ATX Computer Power Supply

Newsgroup: rec.radio.amateur.space
Date: 2000-01-15 00:00:00 UTC
From: Jan Robbins <swanman@cfu.net>
Message-ID: <38813A6D.A58AABB3@cfu.net>
Source record: 10471
Cross-posted to:
alt.ham-radio.marketplace,rec.radio.swap,rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,rec.radio.amateur.space

```
If you can use this excellent computer supply, which I don't need, you
can have it for $20 + shipping. Tks es 73! Jan N0JR
```

238. Re: Amateur Restructuring - CALL SIGNS !!!!! - Great Idea!

Newsgroup: rec.radio.amateur.space
Date: 2000-01-15 00:00:00 UTC
From: Aaron Jones <no@mail.com>
Message-ID: <ftdg4.246$38.5591@news.ntr.net>
Source record: 10472
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc

fred1@my-deja.com wrote
>Part 97 doesn't specifically address suffixes except
>in question of "instant" upgrades

CW mobiles usually ID as W7xxx/M and CW QRP stations often use W7xxx/QRP. If
these are illegal, they have been in common use for a long time...

>I wouldn't encourage such practice, [W7xxx/20]

It would be the same as signing W7xxx/JERK...

239. keps

Newsgroup: rec.radio.amateur.space
Date: 2000-01-16 00:00:00 UTC
From: John <cjk@primus.com.au>
Message-ID: <69ag4.95$fD1.8645@nsw.nnrp.telstra.net>
Source record: 10473

I get the latest keps from
http://www.mindspring.com/~n2wwd/html/keplerian_elts.html for a great
selection of sats in one file

240. Re: patch to make SatTrack work in 2000

Newsgroup: rec.radio.amateur.space
Date: 2000-01-16 00:00:00 UTC
From: Hamish Moffatt <hamish@rising.com.au>
Message-ID: <85rcu0$2qtc$1@arachne.labyrinth.net.au>
Source record: 10474

Rob Janssen <nomail@rob.knoware.nl> wrote:
>>Perhaps. Which version did you try? I think the 2.1 installation is
>>pretty painless.

> I don't remember the version number. It dumped me into a program with
> extremely counter-intuitive keymappings at installation time (probably
> reasonable only to those who are accustomed to emacs), and when the painful
> process of selecting packages was finished, it installed them one by one,
> asking configuration questions all the time. So you could not leave it
> alone.

Yes, that's a known problem. The package selection program 'dselect'
takes some getting used to, and the keystrokes aren't too intuitive.
(I can't stand emacs either.) There's a lot of work in progress now
to make the installation process ask fewer questions if you want it to.

The 2.1 installation has a bunch of profiles you can select to say
what you want to do with the machine; like development, or just using it,
or kernel hacker or whatever. Therefore you can avoid dselect for a bit
longer.

> When I decided that I needed more packages, it repeated the whole process
> for all the packages already installed, deciding and reporting every time
> that it had nothing to do. But still spending lots of time at it.

Yep. That's been fixed. (There are alternative methods for dselect
which don't do it -- and a particularly smart one called "apt" which
can grab stuff directly from the web too.)

73

Hamish vk3sb
--
Hamish Moffatt Mobile: +61 412 011 176 hamish@rising.com.au
Rising Software Australia Pty. Ltd. http://www.risingsoftware.com/
Phone: +61 3 9894 4788 Fax: +61 3 9894 3362 USA: 1 888 667 7839

241. Re: Amateur Restructuring, Liberal Democrats, & No-Coders

Newsgroup: rec.radio.amateur.space
Date: 2000-01-16 00:00:00 UTC
From: henry@wolfenet.com
Message-ID: <388347df.2444530@news1.wolfenet.com>
Source record: 10475
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

wf3h@ptd.net wrote:

>On Tue, 11 Jan 2000 06:36:59 GMT, vlfiscus@mcn.net (Vince Fiscus,
>KB7ADL) wrote:
>
>>Amateur Restructuring, Liberal Democrats, and No-Coders.
>>
>>The FCC's restructuring plan shouldn't be a surprise to
>>anyone. After all, it comes out of the Liberal Clinton
>>Administration. Conservative republicans are willing to work hard
>>for their rewards, but Liberal democrat No-Code CB whiners want
>>everything handed to them on a silver platter.
>
>actually it was the conservatives who sold us out so they could
>increase business for vendors.

Frankly, I think Both parties suck chunks
You can call me a Liberarian

242. Re: Amateur Restructuring, Liberal Democrats, & No-Coders

Newsgroup: rec.radio.amateur.space
Date: 2000-01-16 00:00:00 UTC
From: Mike Dickman <mdickman@alaska.net>
Message-ID: <388197BE.7971@alaska.net>
Source record: 10476
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

wf3h@ptd.net wrote:
>
> On Tue, 11 Jan 2000 06:36:59 GMT, vlfiscus@mcn.net (Vince Fiscus,
> KB7ADL) wrote:
>
> >Amateur Restructuring, Liberal Democrats, and No-Coders.
> >
> >The FCC's restructuring plan shouldn't be a surprise to
> >anyone. After all, it comes out of the Liberal Clinton
> >Administration. Conservative republicans are willing to work hard
> >for their rewards, but Liberal democrat No-Code CB whiners want
> >everything handed to them on a silver platter.
>
> actually it was the conservatives who sold us out so they could
> increase business for vendors.

Yes, those dirty business people. All they want is money! Funny how
Radio Shack started the Family Radio Service. Just think what would
have happened had RS gone after 80/40/20 mtrs.
--

*** more cold than I will need in a lifetime! ***

Mike (KD4LLA)
Fairbanks, AK

243. Date and time in absolute values

Newsgroup: rec.radio.amateur.space
Date: 2000-01-16 00:00:00 UTC
From: Wolf Hoeller <w.hoeller@tirol.com>
Message-ID: <38819D4B.CBE1AB60@tirol.com>
Source record: 10477

Hi,

this newsgroup will be read by hundrets of satellite enthusiasts spread
all
over the world. So all contributers of information please give any time
and date info in UTC and absolute date ! And not in the form "today at
2:04 PST will be ...". What is "today" for a reader in Europe or in
Asia? And the several timezones in US with their offsets and perhaps
daylight savings are not common in the rest of the world !
Think of the problems which NASA had in handling of two measurement
systems last year .... ;-))

Wolf
AMSAT-OE
oe7ftj@amsat.org

244. 4 New Satellites

Newsgroup: rec.radio.amateur.space
Date: 2000-01-16 00:00:00 UTC
From: Pat Cox <peacox@gloryroad.net>
Message-ID: <38822534.4B3A853F@gloryroad.net>
Source record: 10478

Did we have four new satellites in orbit and had been scehduled for
January 15, 2000? Thanks, Pat, K4AVO

245. Re: Amateur Restructuring, Liberal Democrats, & No-Coders

Newsgroup: rec.radio.amateur.space
Date: 2000-01-16 00:00:00 UTC
From: henry@wolfenet.com
Message-ID: <3886281e.2631010@news1.wolfenet.com>
Source record: 10479
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

Mike Dickman <mdickman@alaska.net> wrote:

>Yes, those dirty business people. All they want is money! Funny how
>Radio Shack started the Family Radio Service. Just think what would
>have happened had RS gone after 80/40/20 mtrs.

Don't worry, after 4/15/2000, it will.

246. Parabolic Sat dish plans wanted

Newsgroup: rec.radio.amateur.space
Date: 2000-01-16 00:00:00 UTC
From: arisk@spidernet.COM.cy
Message-ID: <002e01bf6033$785e2e60$b1939ac2@arisk>
Source record: 10480
Body handling: HTML body converted to readable text

```
This is a multi-part message in MIME format.

------=_NextPart_000_002B_01BF6044.3B26BBA0

charset="iso-8859-7"

I am interested in buiding a parabolic satellite dish of 3-4 meters =
diameter.I would be most greatful if you send me or direct me from where =
i could get detailed constructional plans.
de Aris-5B4JE
emailto:arisk@spidernet.com.cy

------=_NextPart_000_002B_01BF6044.3B26BBA0

charset="iso-8859-7"

I am interested in buiding a parabolic satellite =
dish of 3-4=20
meters diameter.I would be most greatful if you send me or direct me =
from where=20
i could get detailed constructional plans.

de Aris-5B4JE

emailto:arisk@spidernet.co=
m.cy

------=_NextPart_000_002B_01BF6044.3B26BBA0--
```

247. Re: 4 New Satellites

Newsgroup: rec.radio.amateur.space
Date: 2000-01-16 00:00:00 UTC
From: The Ronneys <pronney@sprynet.com>
Message-ID: <85u6nrqre1@nntp3.atl.mindspring.net>
Source record: 10481

Hi Pat.

The launch from Vandenberg was delayed due to equipment problems that were resolved, but not quickly enough to complete the launch before the launch window closed. No new launch date, last I heard.

Martin Ronney, WB6YMI

Pat Cox wrote in message <38822534.4B3A853F@gloryroad.net>...
>Did we have four new satellites in orbit and had been scehduled for
>January 15, 2000? Thanks, Pat, K4AVO
>

248. Re: Amateur Restructuring, Liberal Democrats, & No-Coders

Newsgroup: rec.radio.amateur.space
Date: 2000-01-17 00:00:00 UTC
From: bowenb@best.com
Message-ID: <3882a39a.182773339@206.184.139.132>
Source record: 10482
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

Mike Dickman <mdickman@alaska.net> wrote:

>wf3h@ptd.net wrote:
>>
>> On Tue, 11 Jan 2000 06:36:59 GMT, vlfiscus@mcn.net (Vince Fiscus,
>> KB7ADL) wrote:
>>
>> >Amateur Restructuring, Liberal Democrats, and No-Coders.
>> >
>> >The FCC's restructuring plan shouldn't be a surprise to
>> >anyone. After all, it comes out of the Liberal Clinton
>> >Administration. Conservative republicans are willing to work hard
>> >for their rewards, but Liberal democrat No-Code CB whiners want
>> >everything handed to them on a silver platter.
>>
>> actually it was the conservatives who sold us out so they could
>> increase business for vendors.
>
>Yes, those dirty business people. All they want is money! Funny how
>Radio Shack started the Family Radio Service. Just think what would
>have happened had RS gone after 80/40/20 mtrs.

Actually, Radio Shack didn't create the FRS, they revived something
that has existed since 1947. In the old days, the FRS was called
"Class A Citizen's Band". It had kind of gone into a state of non-use
because darn near no one knew it even existed. Have to give Tandy and,
to a lesser extent, Motorola, for reviving it.

Regards,
Bill Bowen
bowenb@best.com
Daly City, CA

249. Re: Amateur Restructuring, Liberal Democrats, & No-Coders

Newsgroup: rec.radio.amateur.space
Date: 2000-01-17 00:00:00 UTC
From: "D. S. Platt" <jeepp@erols.com>
Message-ID: <3883367A.E350B3F2@erols.com>
Source record: 10483
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

Man..... where is Tail Gunner Joe McCarthy now???

wf3h@ptd.net wrote:

> On Tue, 11 Jan 2000 06:36:59 GMT, vlfiscus@mcn.net (Vince Fiscus,
> KB7ADL) wrote:
>
> >Amateur Restructuring, Liberal Democrats, and No-Coders.
> >
> >The FCC's restructuring plan shouldn't be a surprise to
> >anyone. After all, it comes out of the Liberal Clinton
> >Administration. Conservative republicans are willing to work hard
> >for their rewards, but Liberal democrat No-Code CB whiners want
> >everything handed to them on a silver platter.
>
> actually it was the conservatives who sold us out so they could
> increase business for vendors.

250. Re: Amateur Restructuring, Liberal Democrats, & No-Coders

Newsgroup: rec.radio.amateur.space
Date: 2000-01-17 00:00:00 UTC
From: Brent Irvine & Dianne Lancia <bromo@ix.netcom.com>
Message-ID: <B4A87C93.266F%bromo@ix.netcom.com>
Source record: 10484
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

>> On Tue, 11 Jan 2000 06:36:59 GMT, vlfiscus@mcn.net (Vince Fiscus,
>> KB7ADL) wrote:
>>
>>> Amateur Restructuring, Liberal Democrats, and No-Coders.
>>>
>>> The FCC's restructuring plan shouldn't be a surprise to
>>> anyone. After all, it comes out of the Liberal Clinton
>>> Administration. Conservative republicans are willing to work hard
>>> for their rewards, but Liberal democrat No-Code CB whiners want
>>> everything handed to them on a silver platter.
>>
>> actually it was the conservatives who sold us out so they could
>> increase business for vendors.

How about neither -- Ham Radio was in trouble until they started lifting the code requirements.

And be careful who you insult (referring to the "no code CB whiners") - after all, they could be at the other end of the conversation on HF, code or not and get you call sign, remember who you are, and conveniently forget to send the QSL...

After all, with talk like that, people might think you have a bad attitude!

251. Re: Amateur Restructuring, Liberal Democrats, & No-Coders

Newsgroup: rec.radio.amateur.space
Date: 2000-01-17 00:00:00 UTC
From: Richard McCollum <rmccoll@radiks.net>
Message-ID: <38833EF1.431F7538@radiks.net>
Source record: 10485
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

more than likely trying to figure out how posting to eight groups at the
same time is a Communist Plot.

"D. S. Platt" wrote:
>
> Man........ where is Tail Gunner Joe McCarthy now???
>
> wf3h@ptd.net wrote:
>
> > On Tue, 11 Jan 2000 06:36:59 GMT, vlfiscus@mcn.net (Vince Fiscus,
> > KB7ADL) wrote:
> >
> > >Amateur Restructuring, Liberal Democrats, and No-Coders.
> > >
> > >The FCC's restructuring plan shouldn't be a surprise to
> > >anyone. After all, it comes out of the Liberal Clinton
> > >Administration. Conservative republicans are willing to work hard
> > >for their rewards, but Liberal democrat No-Code CB whiners want
> > >everything handed to them on a silver platter.
> >
> > actually it was the conservatives who sold us out so they could
> > increase business for vendors.

252. Re: Amateur Restructuring, Liberal Democrats, & No-Coders

Newsgroup: rec.radio.amateur.space
Date: 2000-01-17 00:00:00 UTC
From: Richard McCollum <rmccoll@radiks.net>
Message-ID: <3883414C.E8445F41@radiks.net>
Source record: 10486
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

Brent Irvine & Dianne Lancia wrote:
>
> >> On Tue, 11 Jan 2000 06:36:59 GMT, vlfiscus@mcn.net (Vince Fiscus,
> >> KB7ADL) wrote:
> >>
> >>> Amateur Restructuring, Liberal Democrats, and No-Coders.
> >>>
> >>> The FCC's restructuring plan shouldn't be a surprise to
> >>> anyone. After all, it comes out of the Liberal Clinton
> >>> Administration. Conservative republicans are willing to work hard
> >>> for their rewards, but Liberal democrat No-Code CB whiners want
> >>> everything handed to them on a silver platter.
> >>
> >> actually it was the conservatives who sold us out so they could
> >> increase business for vendors.
>
> How about neither -- Ham Radio was in trouble until they started lifting the
> code requirements.
>
> And be careful who you insult (referring to the "no code CB whiners") -
> after all, they could be at the other end of the conversation on HF, code or
> not and get you call sign, remember who you are, and conveniently forget to
> send the QSL...
>
> After all, with talk like that, people might think you have a bad attitude!

Posting to eight newsgroups at the same time carries some implications
that don't even have to be said.

Dick McCollum N0BK

253. Re: Upgrade-before or after 4/15?

Newsgroup: rec.radio.amateur.space
Date: 2000-01-17 00:00:00 UTC
From: Save@CW.net
Message-ID: <s86qrhs6eh6175@corp.supernews.com>
Source record: 10487
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.space,rec.radio.cb

Before April 15th it's an upgrade, after april 15th it's a free gift!

Ten four good buddy?

The FCC screwed me while the ARRL held me down.

In article <s7pmq03boj8134@corp.supernews.com>, Bruce Bryant
<heritage@zelgadis.mich.com> wrote:
>Fellow Hams:
>
>I put together a handy chart detailing the upgrade paths, before and after
>the restructuring takes effect, along with my generic recommendations as to
>whether to upgrade or get CSCE's before 4/15, or upgrade after 4/15. Check
>it out at:
>
>http://www.qsl.net/w8hp/upgrchrt.htm
>
>Be sure to let me know of any inaccuracies or omissions.
>
>Also, while you're there, you might check out out club webpage; it has lotsa
>good general ham links:
>
>http://www.qsl.net/w8hp
>
>And if you're going to be in the Detroit, MI area this weekend (Jan 16th),
>come to our hamfest! Details are on the club page.
>
>73 and GL in the contest,
>Bruce, AB8CI
>ab8ci@qsl.net
>
>

254. Re: 4 New Satellites

Newsgroup: rec.radio.amateur.space
Date: 2000-01-17 00:00:00 UTC
From: Howard Long <howard@howardlong.com>
Message-ID: <38839846.E0C1CCCF@howardlong.com>
Source record: 10488

22 January (www.uk.amsat.org)

Howard G6LVB

The Ronneys wrote:

> Hi Pat.
>
> The launch from Vandenberg was delayed due to equipment problems that were
> resolved, but not quickly enough to complete the launch before the launch
> window closed. No new launch date, last I heard.
>
> Martin Ronney, WB6YMI
>
> Pat Cox wrote in message <38822534.4B3A853F@gloryroad.net>...
> >Did we have four new satellites in orbit and had been scehduled for
> >January 15, 2000? Thanks, Pat, K4AVO
> >

255. Re: Upgrade-before or after 4/15?

Newsgroup: rec.radio.amateur.space
Date: 2000-01-18 00:00:00 UTC
From: Hamish Moffatt <hamish@rising.com.au>
Message-ID: <861c3c$21h1$3@arachne.labyrinth.net.au>
Source record: 10489
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.space,rec.radio.cb

In rec.radio.amateur.space Save Ham Radio <Save@CW.net> wrote:
> Before April 15th it's an upgrade, after april 15th it's a free gift!
> Ten four good buddy?
> The FCC screwed me while the ARRL held me down.

Times change; better get used to it. An influx of new HF-qualified
hams might be all that saves your bands. Besides, someone new to talk
to about your ailments!

73
Hamish VK3SB
--
Hamish Moffatt Mobile: +61 412 011 176 hamish@rising.com.au
Rising Software Australia Pty. Ltd. http://www.risingsoftware.com/
Phone: +61 3 9894 4788 Fax: +61 3 9894 3362 USA: 1 888 667 7839

256. Re: Is NASA TV Link (GE2 x5) Encrypted?

Newsgroup: rec.radio.amateur.space
Date: 2000-01-18 00:00:00 UTC
From: gutsyme <tayger1@netscape.net>
Message-ID: <38843E55.9CC8F4AF@netscape.net>
Source record: 10490
Body handling: Binary attachment payload not displayed: tayger1.vcf

I watch NASA TV on GE-2 C-band channel 9 (do not know xponder#) in the clear
all the time. I live in central U.S.A.

mattg7obr wrote:

> Hi all
>
> Does anyone know if there is a feed to europe of nasa tv , i have e-mailed
> nasa and never got a reply ,i know alot of satellite people over here
> would like to watch it even if it was a few hours a week,
>
> any infomation would be apprecated
>
> 73 matt G7OBR
>
> Bob Winingham wrote:
>
> > JamesOberg wrote:
> > >
> > > Is NASA TV Link (GE2 x5) Encrypted?
> > >
> >
> > yes, and NON-Profit HAM clubs can get the key/card
> > Took 2+ months for our local Dallas ATV to get it after sending in the
> > paper work.

--

[One or more binary attachments are retained only in the source text.]

257. HFradio.org and Prefix Lookups, QSLing, etc.

Newsgroup: rec.radio.amateur.space
Date: 2000-01-18 00:00:00 UTC
From: nw7us@hfradio.removethispart.org
Message-ID: <zTXg4.172$tJ2.4332@sea-read.news.verio.net>
Source record: 10491
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

Hello,

I recently added a PREFIX look-up form on the QSL page. If you need to know where a prefix is from, simply enter the call or prefix and see what country it is assigned to.

You are invited to http://hfradio.org, a non-commercial site offering:

+ Azimuth Map / Equidistant Map Creation (choose any QTH as center, many options)

+ Propagational Resources (live, real-time reports, eAlert service (sign up for automatic email solar/geo reports, complete with Aurora index))

+ News, and DX information and reports

+ QSL Manager and Callsign Lookup center

+ Swap and Shop

+ FREE HOME PAGES THAT YOU CAN USE TO POST YOUR OWN HAM OR SWL SITE

+ Bookstore - SWL and Ham related books. Over a 1000 titles so far.

+ Plus more (Directories, etc.)

73!

--

: World-Wide Communications via Amateur Radio : 122.93W : 47.67N :
: 10x56526 : CW/SSB - DX hunter : Brinnon, WA : Code Warrior #60 :
: visit http://hfradio.org/ :

258. Newbie Help Please

Newsgroup: rec.radio.amateur.space
Date: 2000-01-18 00:00:00 UTC
From: jobes@bellatlantic.net
Message-ID: <3884BEE4.5BBA4C3B@bellatlantic.net>
Source record: 10492

Is there an FAQ with up to date info?
I'm new to this, and need suggestions on a first sat to try.
I have an 847 with a Diamond tri-band vertical.
Thank you,
Bill Jobes W3WJ

259. Re: Newbie Help Please

Newsgroup: rec.radio.amateur.space
Date: 2000-01-18 00:00:00 UTC
From: ac6v <ac6v@ix.netcom.com>
Message-ID: <3884C9D0.3CD42F8E@ix.netcom.com>
Source record: 10493

jobes@bellatlantic.net wrote:

> Is there an FAQ with up to date info?
> I'm new to this, and need suggestions on a first sat to try.
> I have an 847 with a Diamond tri-band vertical.
> Thank you,
> Bill Jobes W3WJ

Hi Bill -- see URL:
http://www.ac6v.com/anews.html

For Guide To Ham News Groups -- All About News Groups - From Jeffrey Herman, KH2PZ

Hams Guide To Buying and Selling On The Internet -- Excellent - From KH2PZ

--
73 From Rod In San Diego

AC6V INDEX TO DX AND HAM RADIO
FEATURING 100+ PAGES, 700 INDEXED TOPICS, AND 3000 LINKS
Over 527,000 visits on the counter
http://www.ac6v.com/ -- General Ham Radio
http://www.ac6v.com/pagedx.html -- DX Reference Pages

260. Re: Newbie Help Please

Newsgroup: rec.radio.amateur.space
Date: 2000-01-18 00:00:00 UTC
From: Howard Long <howard@howardlong.com>
Message-ID: <3884E4BA.2DA2E116@howardlong.com>
Source record: 10494

Hi Bill,

I've run an FT847 with an ATAS-100 and a Diamond dual band antenna at 110' for the last two months. I can _hear_ AO10, UO16, LO19, FO20 and AO27 with external pre-amps (SSB SP-2000 & SP-7000). I've yet to work anything, though.

I use Nova for windows to check when the Sats will appear.

I think my lack of actually working any of them is mostly due to 150' of RG213 coax loss amongst other things. I have eggbeaters, crossed yagis, an az-el rotator and low-loss coax sitting in the shack ready to go, but as an apartment dweller I'm battling with the neighbours right now.

Try www.amsat.org for individual satellite freqs (program up those memories!) and there's a great forum for the FT847 at http://www.en.com/users/rayd/ft-847.

Good luck, Howard G6LVB

jobes@bellatlantic.net wrote:

> Is there an FAQ with up to date info?
> I'm new to this, and need suggestions on a first sat to try.
> I have an 847 with a Diamond tri-band vertical.
> Thank you,
> Bill Jobes W3WJ

261. Re: Newbie Help Please

Newsgroup: rec.radio.amateur.space
Date: 2000-01-19 00:00:00 UTC
From: jobes@bellatlantic.net
Message-ID: <38850FD8.66CB6502@bellatlantic.net>
Source record: 10495

Howard,
Thanks very much for the tips.
I'm really looking forward to this ...
... I just love the 847 and can't wait to really learn all it can do.
I just hope my triband vert at 20 feet (too low, huh) can do something.
73,
Bill

Howard Long wrote:

> Hi Bill,
>
> I've run an FT847 with an ATAS-100 and a Diamond dual band antenna at
> 110' for the last two months. I can _hear_ AO10, UO16, LO19, FO20 and
> AO27 with external pre-amps (SSB SP-2000 & SP-7000). I've yet to work
> anything, though.
>
> I use Nova for windows to check when the Sats will appear.
>
> I think my lack of actually working any of them is mostly due to 150' of
> RG213 coax loss amongst other things. I have eggbeaters, crossed yagis,
> an az-el rotator and low-loss coax sitting in the shack ready to go, but
> as an apartment dweller I'm battling with the neighbours right now.
>
> Try www.amsat.org for individual satellite freqs (program up those
> memories!) and there's a great forum for the FT847 at
> http://www.en.com/users/rayd/ft-847.
>
> Good luck, Howard G6LVB
>
> jobes@bellatlantic.net wrote:
>
> > Is there an FAQ with up to date info?
> > I'm new to this, and need suggestions on a first sat to try.
> > I have an 847 with a Diamond tri-band vertical.
> > Thank you,
> > Bill Jobes W3WJ

262. Re: winorbit y2k problem

Newsgroup: rec.radio.amateur.space
Date: 2000-01-19 00:00:00 UTC
From: Peter Hodgson <va3pkh@rac.ca>
Message-ID: <3885DB84.2CF13970@rac.ca>
Source record: 10496

Hi again Bruce,

Winorbit 3.6 with the kep fix is available on AMSAT site at:
http://www.amsat.org/amsat/ftpdelta.html

I downloaded this morning and it works great.

Do you ever get on SO35 ?

73

Peter
VA3PKH

Bruce Wade wrote:

> Has anyone found or provided a fix for the Winorbit program.. due to the
> y2k problem ?
> rgds / VE1NB

263. Re: Newbie Help Please

Newsgroup: rec.radio.amateur.space
Date: 2000-01-19 00:00:00 UTC
From: Greg <memory1@sympatico.ca>
Message-ID: <z4lh4.1893$9o.4121@news20.bellglobal.com>
Source record: 10497

go to www.amsat.org - lots of satellite tips and info...
Regards,
Greg - KC8KUG
jobes@bellatlantic.net wrote in message
<3884BEE4.5BBA4C3B@bellatlantic.net>...
>Is there an FAQ with up to date info?
>I'm new to this, and need suggestions on a first sat to try.
>I have an 847 with a Diamond tri-band vertical.
>Thank you,
>Bill Jobes W3WJ
>

264. Re: Upgrade-before or after 4/15?

Newsgroup: rec.radio.amateur.space
Date: 2000-01-19 00:00:00 UTC
From: Felix <felix@risny.com>
Message-ID: <3886652d@news.nais.com>
Source record: 10498
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.space,rec.radio.cb

```
i'm not whining. I like this new licensing change! now i can finally use HF!
Dana H. Myers K6JQ <Dana@Source.Net> wrote in message
news:3883E439.FB6D32D@Source.Net...
> Amazing. There are still people around that whine about 1968
> when Incentive Licensing was instituted - and Generals lost
> operating privileges until they upgraded to Extra.
>
> Now the tide has turned and there is a new batch of whiners!
>
> Dana
>
>
> Save Ham Radio wrote:
>
> > Before April 15th it's an upgrade, after april 15th it's a free gift!
> >
> > Ten four good buddy?
> >
> > The FCC screwed me while the ARRL held me down.
> >
> > In article <s7pmq03boj8134@corp.supernews.com>, Bruce Bryant
> > <heritage@zelgadis.mich.com> wrote:
> > >Fellow Hams:
> > >
> > >I put together a handy chart detailing the upgrade paths, before and
after
> > >the restructuring takes effect, along with my generic recommendations
as to
> > >whether to upgrade or get CSCE's before 4/15, or upgrade after 4/15.
Check
> > >it out at:
> > >
> > >http://www.qsl.net/w8hp/upgrchrt.htm
> > >
> > >Be sure to let me know of any inaccuracies or omissions.
> > >
> > >Also, while you're there, you might check out out club webpage; it has
lotsa
> > >good general ham links:
> > >
> > >http://www.qsl.net/w8hp
> > >
> > >And if you're going to be in the Detroit, MI area this weekend (Jan
```

16th),
> > >come to our hamfest! Details are on the club page.
> > >
> > >73 and GL in the contest,
> > >Bruce, AB8CI
> > >ab8ci@qsl.net
> > >
> > >
>

265. Re: Date and time in absolute values

Newsgroup: rec.radio.amateur.space
Date: 2000-01-20 00:00:00 UTC
From: we@bulldog.org
Message-ID: <866vs4peg1@news.uky.edu>
Source record: 10349

In article <38819D4B.CBE1AB60@tirol.com>, w.hoeller@tirol.com says...
>
>
>Hi,
>
>this newsgroup will be read by hundrets of satellite enthusiasts spread
>all
>over the world. So all contributers of information please give any time
>and date info in UTC and absolute date ! And not in the form "today at
>2:04 PST will be ...". What is "today" for a reader in Europe or in
>Asia? And the several timezones in US with their offsets and perhaps
>daylight savings are not common in the rest of the world !
>Think of the problems which NASA had in handling of two measurement
>systems last year .... ;-))
>
>Wolf
>AMSAT-OE
>oe7ftj@amsat.org
While I agree with most of your post, and use GMT/UTC for my home and laptop
PCs, and can convert local EST/EDT to UTC and keep all may radio logs in
UTC, I resent being comparaed to NASA in any way.
Any outfit that can not get organized enough to tell the difference
between\metric and "good old English" measurements should be run out
of town on a rail.
Or at the least be burried in sand up over their heads just before the tide
comes in.
If I pulled a stunt half this stupid I would be looking for new work
in the morning.
In Japan I suspect the entire design/managment team would step in front of
a train. And that would be a good thing.
I worry for the future of "technology" if the one of the largest
aerospace companies and the major government agency can not communicate
their respective measurement standards.
So please do not compare any of us with NASA/Martin whatever.
My 5th grade nephew still has trouble accepting how any adults can mix up
such different standards. HE says "But they are engineers and have computers
and telephones. How could this have happened?" I told him that even "smart"
adults could and will do some very stupid things.

266. I TRACK AND QUIK TRACK

Newsgroup: rec.radio.amateur.space
Date: 2000-01-20 00:00:00 UTC
From: WA&#65533;ETL-WAYNE <WA0ETL@worldnet.att.net>
Message-ID: <867h27jou1@bgtnsc03.worldnet.att.net>
Source record: 10350

DOES ANYONE HAVE INFORMATION ON AN UPDATE FOR THESE TWO TRACKING PROGRAMS. WOULD APPRECIATE YOUR HELP. THANKS W.M.S. - WA&#65533;ETL

267. 5 WPM ain't a code test. was Re: Code Exam "Disability" Waivers

Newsgroup: rec.radio.amateur.space
Date: 2000-01-20 00:00:00 UTC
From: Cold@shower.org
Message-ID: <s8f0qst4eh6110@corp.supernews.com>
Source record: 10351
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

I can Fart code at 5 WPM. Anyone who can't pass five wpm isn't trying to pass. You losers got your free government handout radio license and now you complain ham radio isn't Dumbed down enough for you. I guess you all want to get licensed as easy as you get your welfare checks. Why don't you whiners get together with your CB buddy's and suck up to the ARRL. Maybe they can fix things for you.

Extra class, killed in action.

cobrano-spam@budweiser.com (kf6foz) wrote in
<38862370.1939081@news.thegrid.net>:

>Failing a road test? There not getting rid of the code requirement. It
>is still in affect but at the same 5wpm. Get over it. There is only
>one driving test and one written test to take if you want to be a
>driver. As for morse? There is still a written for beginners and still
>the initial 5wpm that everyone starts with. Whats the prob?
>
>
>On Wed, 19 Jan 2000 19:12:57 GMT, mf_luder@my-deja.com wrote:
>
>>From CQ, paraphrasing FCC:
>>
>>
>>* The much-abused disability waiver for 13- and 20-wpm code tests is
>>eliminated (since there will no longer be any 13- or 20-wpm code tests).
>>
>>Well now, here's some typical "military intelligence" I didn't read
>>until today in the FCC's Retort and Odor.
>>The code waiver is being abused, so less ditch the 13 and 20 wpm code
>>tests... OK.
>>
>>They did give a few other reasons, but this is the most stupid of the
>>bunch.
>>
>>It's like saying "everyone is failing the road test of a trucking exam,
>>so we'll just make it a written, shall we ?"
>>
>>* The changes will take effect on April 15, 2000. This will give the QPC
>>time to create new exams, and will give publishers time to get new
>>license manuals into print before the new structure is put into place.
>>In addition, it will give tens of thousands of hams with partial credit
>>toward one of the new license classes the opportunity to pass the
>>remaining element(s) before the new tests begin, possibly requiring re-

>>examination on certain topics.
>>
>>They left out the part about the radio makers issuing limited new models
>>until they had a "bigger" market... of course when they realize the
>>"boom" (the ARRL will mention in the ARRL Letter this week has begun at
>>test sessions already) will die as quick a death as the codeless Tech
>>boom, they'll curtail manufacturing even faster.
>>
>>
>>
>>
>>Sent via Deja.com http://www.deja.com/
>>Before you buy.
>

268. Re: 5 WPM ain't a code test. was Re: Code Exam "Disability" Waivers

Newsgroup: rec.radio.amateur.space
Date: 2000-01-20 00:00:00 UTC
From: W6RCecilA <Cecil.A.Moore@IEEE.org>
Message-ID: <38879102.6743E18A@IEEE.org>
Source record: 10352
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

Mr Cold Shower wrote:
> I can Fart code at 5 WPM.

If it's any more than a "dit" or "dah", we know why you
are bent out of shape. Try Beano next time.
--
73, Cecil, W6RCA http://www.mindspring.com/~w6rca

269. WinOrbit Y2K Problem

Newsgroup: rec.radio.amateur.space
Date: 2000-01-20 00:00:00 UTC
From: "Brent, AB8DG " <haskelb@asacomp.com>
Message-ID: <o6cf8ssv4ch84s3d51ab1ohff2tv63jd0c@4ax.com>
Source record: 10353

Carl Gregory has just released a new version of WinOrbit. Carl says
Version 3.6 is Y2K compatable. It's available at the AMSAT website.

Brent
AB8DG

270. Re: 5 WPM ain't a code test. was Re: Code Exam "Disability" Waivers

Newsgroup: rec.radio.amateur.space
Date: 2000-01-20 00:00:00 UTC
From: Brent Walton <kf6fgb@pacbell.net>
Message-ID: <3887BEF4.CA354B22@pacbell.net>
Source record: 10354
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

What a crock! Mr. KF6FOZ -- John Johnson, no-code tech should walk-the-walk,
as they say. Extra class my foot.

Mr Cold Shower wrote:

> I can Fart code at 5 WPM. Anyone who can't pass five wpm isn't trying to
> pass. You losers got your free government handout radio license and now
> you complain ham radio isn't Dumbed down enough for you. I guess you all
> want to get licensed as easy as you get your welfare checks. Why don't you
> whiners get together with your CB buddy's and suck up to the ARRL. Maybe
> they can fix things for you.
>
> Extra class, killed in action.
>
> cobrano-spam@budweiser.com (kf6foz) wrote in
> <38862370.1939081@news.thegrid.net>:
>
> >Failing a road test? There not getting rid of the code requirement. It
> >is still in affect but at the same 5wpm. Get over it. There is only
> >one driving test and one written test to take if you want to be a
> >driver. As for morse? There is still a written for beginners and still
> >the initial 5wpm that everyone starts with. Whats the prob?
> > >
> > >
> > >On Wed, 19 Jan 2000 19:12:57 GMT, mf_luder@my-deja.com wrote:
> > >
> > >>From CQ, paraphrasing FCC:
> > >>
> > >>
> > >>* The much-abused disability waiver for 13- and 20-wpm code tests is
> > >>eliminated (since there will no longer be any 13- or 20-wpm code tests).
> > >>
> > >>Well now, here's some typical "military intelligence" I didn't read
> > >>until today in the FCC's Retort and Odor.
> > >>The code waiver is being abused, so less ditch the 13 and 20 wpm code
> > >>tests... OK.
> > >>
> > >>They did give a few other reasons, but this is the most stupid of the
> > >>bunch.
> > >>
> > >>It's like saying "everyone is failing the road test of a trucking exam,
> > >>so we'll just make it a written, shall we ?"
> > >>
> > >>* The changes will take effect on April 15, 2000. This will give the QPC

> >>time to create new exams, and will give publishers time to get new
> >>license manuals into print before the new structure is put into place.
> >>In addition, it will give tens of thousands of hams with partial credit
> >>toward one of the new license classes the opportunity to pass the
> >>remaining element(s) before the new tests begin, possibly requiring re-
> >>examination on certain topics.
> >>
> >>They left out the part about the radio makers issuing limited new models
> >>until they had a "bigger" market... of course when they realize the
> >>"boom" (the ARRL will mention in the ARRL Letter this week has begun at
> >>test sessions already) will die as quick a death as the codeless Tech
> >>boom, they'll curtail manufacturing even faster.
> >>
> >>
> >>
> >>
> >>Sent via Deja.com http://www.deja.com/
> >>Before you buy.
> >

271. Re: 5 WPM ain't a code test. was Re: Code Exam "Disability" Waivers

Newsgroup: rec.radio.amateur.space
Date: 2000-01-20 00:00:00 UTC
From: Brent Walton <kf6fgb@pacbell.net>
Message-ID: <3887C1E1.E4BB623@pacbell.net>
Source record: 10355
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

OOPS, my apologies to KF6FOZ. I misread the tag and 'flamed' him for the "Mr. Cold Shower" comment about farting 5 wpm.

For all we know... the anonymous "Cold Shower" might not even hold a license.

Mr Cold Shower wrote:

> I can Fart code at 5 WPM. Anyone who can't pass five wpm isn't trying to
> pass. You losers got your free government handout radio license and now
> you complain ham radio isn't Dumbed down enough for you. I guess you all
> want to get licensed as easy as you get your welfare checks. Why don't you
> whiners get together with your CB buddy's and suck up to the ARRL. Maybe
> they can fix things for you.
>
> Extra class, killed in action.
>
> cobrano-spam@budweiser.com (kf6foz) wrote in
> <38862370.1939081@news.thegrid.net>:
>
> >Failing a road test? There not getting rid of the code requirement. It
> >is still in affect but at the same 5wpm. Get over it. There is only
> >one driving test and one written test to take if you want to be a
> >driver. As for morse? There is still a written for beginners and still
> >the initial 5wpm that everyone starts with. Whats the prob?
> > >
> > >
> > >On Wed, 19 Jan 2000 19:12:57 GMT, mf_luder@my-deja.com wrote:
> > >
> > >>From CQ, paraphrasing FCC:
> > >>
> > >>
> > >>* The much-abused disability waiver for 13- and 20-wpm code tests is
> > >>eliminated (since there will no longer be any 13- or 20-wpm code tests).
> > >>
> > >>Well now, here's some typical "military intelligence" I didn't read
> > >>until today in the FCC's Retort and Odor.
> > >>The code waiver is being abused, so less ditch the 13 and 20 wpm code
> > >>tests... OK.
> > >>
> > >>They did give a few other reasons, but this is the most stupid of the
> > >>bunch.
> > >>
> > >>It's like saying "everyone is failing the road test of a trucking exam,
> > >>so we'll just make it a written, shall we ?"

> >>
> >>* The changes will take effect on April 15, 2000. This will give the QPC
> >>time to create new exams, and will give publishers time to get new
> >>license manuals into print before the new structure is put into place.
> >>In addition, it will give tens of thousands of hams with partial credit
> >>toward one of the new license classes the opportunity to pass the
> >>remaining element(s) before the new tests begin, possibly requiring re-
> >>examination on certain topics.
> >>
> >>They left out the part about the radio makers issuing limited new models
> >>until they had a "bigger" market... of course when they realize the
> >>"boom" (the ARRL will mention in the ARRL Letter this week has begun at
> >>test sessions already) will die as quick a death as the codeless Tech
> >>boom, they'll curtail manufacturing even faster.
> >>
> >>
> >>
> >>
> >>Sent via Deja.com http://www.deja.com/
> >>Before you buy.
> >

272. Re: 5 WPM ain't a code test. was Re: Code Exam "Disability" Waivers

Newsgroup: rec.radio.amateur.space
Date: 2000-01-21 00:00:00 UTC
From: Carl and Dee Wesser <wesser@hiwaay.net>
Message-ID: <dONh4.17632$pb2.1404251@tw11.nn.bcandid.com>
Source record: 10356
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

**********EXCUSE ME**********
BUT YOU DON'T EVEN HAVE HALF A GRIP ON WHAT YOU WROTE>>>>>>>
I HAVE A COMMERCIAL GENERAL RADIO TELEPHONE LICENSE, WITH MARINE RADAR
ENDORSEMENT,,A HAM LICENCE ,A VERY SUCESSFUL 2 WAY RADIO BUSINESS, AND FOR
OVER 50 YEARS I CAN NOT COPY 2 WPM,CODE LET ALONE 5 WPM.
NO I AM NOT ON WELFARE,I AM NOT WINNING,OR BITCHING, BUT PEOPLE LIKE
YOU PEALLY P*** ME OFF,,IF YOU WERE 1/2 A MAN YOU WOULD APOLOGIZE, AND TRY
TO GET A GRIP ON YOUR LIFE>>>>>>>>>>>>>>>>>>
Mr Cold Shower wrote in message ...
>
>
>I can Fart code at 5 WPM. Anyone who can't pass five wpm isn't trying to
>pass. You losers got your free government handout radio license and now
>you complain ham radio isn't Dumbed down enough for you. I guess you all
>want to get licensed as easy as you get your welfare checks. Why don't you
>whiners get together with your CB buddy's and suck up to the ARRL. Maybe
>they can fix things for you.
>
>Extra class, killed in action.
>
>
>cobrano-spam@budweiser.com (kf6foz) wrote in
><38862370.1939081@news.thegrid.net>:
>
>>Failing a road test? There not getting rid of the code requirement. It
>>is still in affect but at the same 5wpm. Get over it. There is only
>>one driving test and one written test to take if you want to be a
>>driver. As for morse? There is still a written for beginners and still
>>the initial 5wpm that everyone starts with. Whats the prob?
>>
>>
>>On Wed, 19 Jan 2000 19:12:57 GMT, mf_luder@my-deja.com wrote:
>>
>>>From CQ, paraphrasing FCC:
>>>
>>>
>>>* The much-abused disability waiver for 13- and 20-wpm code tests is
>>>eliminated (since there will no longer be any 13- or 20-wpm code tests).
>>>
>>>Well now, here's some typical "military intelligence" I didn't read
>>>until today in the FCC's Retort and Odor.
>>>The code waiver is being abused, so less ditch the 13 and 20 wpm code
>>>tests... OK.

>>>
>>>They did give a few other reasons, but this is the most stupid of the
>>>bunch.
>>>
>>>It's like saying "everyone is failing the road test of a trucking exam,
>>>so we'll just make it a written, shall we ?"
>>>
>>>* The changes will take effect on April 15, 2000. This will give the QPC
>>>time to create new exams, and will give publishers time to get new
>>>license manuals into print before the new structure is put into place.
>>>In addition, it will give tens of thousands of hams with partial credit
>>>toward one of the new license classes the opportunity to pass the
>>>remaining element(s) before the new tests begin, possibly requiring re-
>>>examination on certain topics.
>>>
>>>They left out the part about the radio makers issuing limited new models
>>>until they had a "bigger" market... of course when they realize the
>>>"boom" (the ARRL will mention in the ARRL Letter this week has begun at
>>>test sessions already) will die as quick a death as the codeless Tech
>>>boom, they'll curtail manufacturing even faster.
>>>
>>>
>>>
>>>
>>>Sent via Deja.com http://www.deja.com/
>>>Before you buy.
>>
>

273. Re: 5 WPM ain't a code test. was Re: Code Exam "Disability" Waivers

Newsgroup: rec.radio.amateur.space
Date: 2000-01-21 00:00:00 UTC
From: Carl and Dee Wesser <wesser@hiwaay.net>
Message-ID: <lSNh4.17641$pb2.1405609@tw11.nn.bcandid.com>
Source record: 10357
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

******* BY THE WAY IF YOU HAVENT FIGURED IT OUT YET, MR.COLD S. I HAVE A
SEVERE CASE OF
*****************DYSLEXIA**********************************
SHAME ON YOU...

Carl and Dee Wesser wrote in message ...
>**********************EXCUSE ME************************
>BUT YOU DON'T EVEN HAVE HALF A GRIP ON WHAT YOU WROTE>>>>>>>
>I HAVE A COMMERCIAL GENERAL RADIO TELEPHONE LICENSE, WITH MARINE RADAR
>ENDORSEMENT,,A HAM LICENCE ,A VERY SUCESSFUL 2 WAY RADIO BUSINESS, AND FOR
>OVER 50 YEARS I CAN NOT COPY 2 WPM,CODE LET ALONE 5 WPM.
> NO I AM NOT ON WELFARE,I AM NOT WINNING,OR BITCHING, BUT PEOPLE LIKE
>YOU PEALLY P*** ME OFF,,IF YOU WERE 1/2 A MAN YOU WOULD APOLOGIZE, AND TRY
>TO GET A GRIP ON YOUR LIFE>>>>>>>>>>>>>>>>>>
>Mr Cold Shower wrote in message ...
>>
>>
>>I can Fart code at 5 WPM. Anyone who can't pass five wpm isn't trying to
>>pass. You losers got your free government handout radio license and now
>>you complain ham radio isn't Dumbed down enough for you. I guess you all
>>want to get licensed as easy as you get your welfare checks. Why don't you
>>whiners get together with your CB buddy's and suck up to the ARRL. Maybe
>>they can fix things for you.
>>
>>Extra class, killed in action.
>>
>>
>>cobrano-spam@budweiser.com (kf6foz) wrote in
>><38862370.1939081@news.thegrid.net>:
>>
>>>Failing a road test? There not getting rid of the code requirement. It
>>>is still in affect but at the same 5wpm. Get over it. There is only
>>>one driving test and one written test to take if you want to be a
>>>driver. As for morse? There is still a written for beginners and still
>>>the initial 5wpm that everyone starts with. Whats the prob?
>>>
>>>
>>>On Wed, 19 Jan 2000 19:12:57 GMT, mf_luder@my-deja.com wrote:
>>>
>>>>From CQ, paraphrasing FCC:
>>>>
>>>>
>>>>* The much-abused disability waiver for 13- and 20-wpm code tests is

>>>>eliminated (since there will no longer be any 13- or 20-wpm code tests).
>>>>
>>>>Well now, here's some typical "military intelligence" I didn't read
>>>>until today in the FCC's Retort and Odor.
>>>>The code waiver is being abused, so less ditch the 13 and 20 wpm code
>>>>tests... OK.
>>>>
>>>>They did give a few other reasons, but this is the most stupid of the
>>>>bunch.
>>>>
>>>>It's like saying "everyone is failing the road test of a trucking exam,
>>>>so we'll just make it a written, shall we ?"
>>>>
>>>>* The changes will take effect on April 15, 2000. This will give the QPC
>>>>time to create new exams, and will give publishers time to get new
>>>>license manuals into print before the new structure is put into place.
>>>>In addition, it will give tens of thousands of hams with partial credit
>>>>toward one of the new license classes the opportunity to pass the
>>>>remaining element(s) before the new tests begin, possibly requiring re-
>>>>examination on certain topics.
>>>>
>>>>They left out the part about the radio makers issuing limited new models
>>>>until they had a "bigger" market... of course when they realize the
>>>>"boom" (the ARRL will mention in the ARRL Letter this week has begun at
>>>>test sessions already) will die as quick a death as the codeless Tech
>>>>boom, they'll curtail manufacturing even faster.
>>>>
>>>>
>>>>
>>>>
>>>>Sent via Deja.com http://www.deja.com/
>>>>Before you buy.
>>>
>>
>
>

274. Re: Amateur Restructuring, Liberal Democrats, & No-Coders

Newsgroup: rec.radio.amateur.space
Date: 2000-01-21 00:00:00 UTC
From: CDT <xctx@onr.com>
Message-ID: <01bf63cc$8a6646a0$5e32c8cf@default>
Source record: 10358
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

Hey folks....don't forget that there are Conservative Democrats
out there as well. I hate to disappoint you guys but Republicans
DON'T have a monopoly on conservative ideals in America.
....It's just that the Republicans want you to think they do.

Get a clue.

275. Re: 5 WPM ain't a code test. was Re: Code Exam "Disability" Waivers

Newsgroup: rec.radio.amateur.space
Date: 2000-01-21 00:00:00 UTC
From: Rickhit@worldnet.att.net
Message-ID: <388923e9.2351827@netnews.worldnet.att.net>
Source record: 10359
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

On Thu, 20 Jan 2000 21:51:24 GMT, Cold@shower.org (Mr Cold Shower)
wrote:

>
>
>I can Fart code at 5 WPM. Anyone who can't pass five wpm isn't trying to
>pass. You losers got your free government handout radio license and now
>you complain ham radio isn't Dumbed down enough for you. I guess you all
>want to get licensed as easy as you get your welfare checks. Why don't you
>whiners get together with your CB buddy's and suck up to the ARRL. Maybe
>they can fix things for you.
>
>Extra class, killed in action.

When is this CRAP going to stop??? The new test requirements are
not welfare, you still have to study to pass the tests. Remember
welfare is a hand out. For Amateur Radio license to be a hand out it
would mean no testing at all and no charge for the license.

The Code War is over so stop fighting it! If you think the FCC is
going to rase the code speeds up again forget it, it's not going to
happen. The return of the 13 and 20wpm requirement has a snowball's
chance in Hell of coming back.

Rick KC2ESD

276. Re: 5 WPM ain't a code test. was Re: Code Exam "Disability" Waivers

Newsgroup: rec.radio.amateur.space
Date: 2000-01-21 00:00:00 UTC
From: cobrano-spam@budweiser.com
Message-ID: <38882077.7415790@news.thegrid.net>
Source record: 10360
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

You better re-read the message! Extra Class was said by Mr Cold Shower!! Anything else Mr. Im better because I am Dennis B. Walton-Tech+? You are supporting the Arguement that other coded hams are denying.

I am a no-code technician not by choice. It may have taken me a while to go for my code due to owning my own business, but at least I am still going to do my upgrade. So keep your browser open and check QRZ from time to time. Until then I work my ass off trying to improve my life instead of furthering my hobby and when I got the time from work, I'll do my code.

73 de kf6foz

145.230 PL 100hz W6APZ Repeater
145.450 PL 100hz K6FB Repeater

On Thu, 20 Jan 2000 18:05:40 -0800, Brent Walton <kf6fgb@pacbell.net> wrote:

>What a crock! Mr. KF6FOZ -- John Johnson, no-code tech should walk-the-walk,
>as they say. Extra class my foot.
>
>Mr Cold Shower wrote:
>
>> I can Fart code at 5 WPM. Anyone who can't pass five wpm isn't trying to
>> pass. You losers got your free government handout radio license and now
>> you complain ham radio isn't Dumbed down enough for you. I guess you all
>> want to get licensed as easy as you get your welfare checks. Why don't you
>> whiners get together with your CB buddy's and suck up to the ARRL. Maybe
>> they can fix things for you.
>>
>> Extra class, killed in action.
>>
>> cobrano-spam@budweiser.com (kf6foz) wrote in
>> <38862370.1939081@news.thegrid.net>:
>>
>> >Failing a road test? There not getting rid of the code requirement. It
>> >is still in affect but at the same 5wpm. Get over it. There is only
>> >one driving test and one written test to take if you want to be a
>> >driver. As for morse? There is still a written for beginners and still
>> >the initial 5wpm that everyone starts with. Whats the prob?
>> >
>> >
>> >On Wed, 19 Jan 2000 19:12:57 GMT, mf_luder@my-deja.com wrote:

>> >
>> >>From CQ, paraphrasing FCC:
>> >>
>> >>
>> >>* The much-abused disability waiver for 13- and 20-wpm code tests is
>> >>eliminated (since there will no longer be any 13- or 20-wpm code tests).
>> >>
>> >>Well now, here's some typical "military intelligence" I didn't read
>> >>until today in the FCC's Retort and Odor.
>> >>The code waiver is being abused, so less ditch the 13 and 20 wpm code
>> >>tests... OK.
>> >>
>> >>They did give a few other reasons, but this is the most stupid of the
>> >>bunch.
>> >>
>> >>It's like saying "everyone is failing the road test of a trucking exam,
>> >>so we'll just make it a written, shall we ?"
>> >>
>> >>* The changes will take effect on April 15, 2000. This will give the QPC
>> >>time to create new exams, and will give publishers time to get new
>> >>license manuals into print before the new structure is put into place.
>> >>In addition, it will give tens of thousands of hams with partial credit
>> >>toward one of the new license classes the opportunity to pass the
>> >>remaining element(s) before the new tests begin, possibly requiring re-
>> >>examination on certain topics.
>> >>
>> >>They left out the part about the radio makers issuing limited new models
>> >>until they had a "bigger" market... of course when they realize the
>> >>"boom" (the ARRL will mention in the ARRL Letter this week has begun at
>> >>test sessions already) will die as quick a death as the codeless Tech
>> >>boom, they'll curtail manufacturing even faster.
>> >>
>> >>
>> >>
>> >>
>> >>Sent via Deja.com http://www.deja.com/
>> >>Before you buy.
>> >
>

277. Ham Radio SHITLIST!! Add a user today...

Newsgroup: rec.radio.amateur.space
Date: 2000-01-21 00:00:00 UTC
From: cobrano-spam@budweiser.com
Message-ID: <38882d02.10628011@news.thegrid.net>
Source record: 10361
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

```
Add your nominee to the next available line....

kf6foz - for starting this stupid thing.
kf6fgb - for not learning to read.
```

278. Re: 5 WPM ain't a code test. was Re: Code Exam "Disability" Waivers

Newsgroup: rec.radio.amateur.space
Date: 2000-01-21 00:00:00 UTC
From: "Timothy J. Fiebig" <k2tf@snip.net>
Message-ID: <388865F3.4E23DF5@snip.net>
Source record: 10362
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

If the theory test wasn't such a handout we might be able to take pride in holding a ham radio license.

Rick wrote:

> On Thu, 20 Jan 2000 21:51:24 GMT, Cold@shower.org (Mr Cold Shower)
> wrote:
>
> >
> >
> >I can Fart code at 5 WPM. Anyone who can't pass five wpm isn't trying to
> >pass. You losers got your free government handout radio license and now
> >you complain ham radio isn't Dumbed down enough for you. I guess you all
> >want to get licensed as easy as you get your welfare checks. Why don't you
> >whiners get together with your CB buddy's and suck up to the ARRL. Maybe
> >they can fix things for you.
> >
> >Extra class, killed in action.
>
> When is this CRAP going to stop??? The new test requirements are
> not welfare, you still have to study to pass the tests. Remember
> welfare is a hand out. For Amateur Radio license to be a hand out it
> would mean no testing at all and no charge for the license.
>
> The Code War is over so stop fighting it! If you think the FCC is
> going to rase the code speeds up again forget it, it's not going to
> happen. The return of the 13 and 20wpm requirement has a snowball's
> chance in Hell of coming back.
>
> Rick KC2ESD

279. Re: 5 WPM ain't a code test. was Re: Code Exam "Disability" Waivers

Newsgroup: rec.radio.amateur.space
Date: 2000-01-21 00:00:00 UTC
From: "Timothy J. Fiebig" <k2tf@snip.net>
Message-ID: <388866D2.E3885278@snip.net>
Source record: 10363
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

I agree that 5wpm isn't much of a requirement, but just the same, I would
love to hear you fart at 5wpm!

Mr Cold Shower wrote:

> I can Fart code at 5 WPM. Anyone who can't pass five wpm isn't trying to
> pass. You losers got your free government handout radio license and now
> you complain ham radio isn't Dumbed down enough for you. I guess you all
> want to get licensed as easy as you get your welfare checks. Why don't you
> whiners get together with your CB buddy's and suck up to the ARRL. Maybe
> they can fix things for you.
>
> Extra class, killed in action.
>
> cobrano-spam@budweiser.com (kf6foz) wrote in
> <38862370.1939081@news.thegrid.net>:
>
> >Failing a road test? There not getting rid of the code requirement. It
> >is still in affect but at the same 5wpm. Get over it. There is only
> >one driving test and one written test to take if you want to be a
> >driver. As for morse? There is still a written for beginners and still
> >the initial 5wpm that everyone starts with. Whats the prob?
> > >
> > >
> > >On Wed, 19 Jan 2000 19:12:57 GMT, mf_luder@my-deja.com wrote:
> > >
> > >>From CQ, paraphrasing FCC:
> > >>
> > >>
> > >>* The much-abused disability waiver for 13- and 20-wpm code tests is
> > >>eliminated (since there will no longer be any 13- or 20-wpm code tests).
> > >>
> > >>Well now, here's some typical "military intelligence" I didn't read
> > >>until today in the FCC's Retort and Odor.
> > >>The code waiver is being abused, so less ditch the 13 and 20 wpm code
> > >>tests... OK.
> > >>
> > >>They did give a few other reasons, but this is the most stupid of the
> > >>bunch.
> > >>
> > >>It's like saying "everyone is failing the road test of a trucking exam,
> > >>so we'll just make it a written, shall we ?"
> > >>
> > >>* The changes will take effect on April 15, 2000. This will give the QPC

> >>time to create new exams, and will give publishers time to get new
> >>license manuals into print before the new structure is put into place.
> >>In addition, it will give tens of thousands of hams with partial credit
> >>toward one of the new license classes the opportunity to pass the
> >>remaining element(s) before the new tests begin, possibly requiring re-
> >>examination on certain topics.
> >>
> >>They left out the part about the radio makers issuing limited new models
> >>until they had a "bigger" market... of course when they realize the
> >>"boom" (the ARRL will mention in the ARRL Letter this week has begun at
> >>test sessions already) will die as quick a death as the codeless Tech
> >>boom, they'll curtail manufacturing even faster.
> >>
> >>
> >>
> >>
> >>Sent via Deja.com http://www.deja.com/
> >>Before you buy.
> >

280. Re: Ham Radio SHITLIST!! Add a user today...

Newsgroup: rec.radio.amateur.space
Date: 2000-01-21 00:00:00 UTC
From: kc2fng@qsl.net
Message-ID: <38886e63.1338754@news3.buffnet.net>
Source record: 10364
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

On Fri, 21 Jan 2000 09:57:32 GMT, cobrano-spam@budweiser.com (kf6foz)
wrote:

>Add your nominee to the next available line....
>
>
>kf6foz - for starting this stupid thing.
>kf6fgb - for not learning to read.

KF2TI - for not learning to read, write, think, or tell the truth

73 DE KC2FNG

281. Re: 5 WPM ain't a code test. was Re: Code Exam "Disability" Waivers

Newsgroup: rec.radio.amateur.space
Date: 2000-01-21 00:00:00 UTC
From: Mike Yetsko <joe@user.com>
Message-ID: <an_h4.1370$OT5.85294@newsread1.prod.itd.earthlink.net>
Source record: 10365
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

Well, I agree, 5WPM isn't a real test. You can basically just memorize
the characters and do a 'mental lookup' and pass the 5WPM.

But that's not the point. The point is CW should go, period. It's
outlived
it's prime. If you like it, use it, but don't force it on everybody.
ESPECIALLY
not as a fake qualifier of technical superiority for the 'so called
Extra' class.

Mike

Mr Cold Shower <Cold@shower.org> wrote in message
news:s8f0qst4eh6110@corp.supernews.com...
>
>
> I can Fart code at 5 WPM. Anyone who can't pass five wpm isn't trying
to
> pass. You losers got your free government handout radio license and
now
> you complain ham radio isn't Dumbed down enough for you. I guess you
all
> want to get licensed as easy as you get your welfare checks. Why don't
you
> whiners get together with your CB buddy's and suck up to the ARRL.
Maybe
> they can fix things for you.
>
> Extra class, killed in action.
>
>
> cobrano-spam@budweiser.com (kf6foz) wrote in
> <38862370.1939081@news.thegrid.net>:
>
> >Failing a road test? There not getting rid of the code requirement.
It
> >is still in affect but at the same 5wpm. Get over it. There is only
> >one driving test and one written test to take if you want to be a
> >driver. As for morse? There is still a written for beginners and
still
> >the initial 5wpm that everyone starts with. Whats the prob?
> >
> >
> >On Wed, 19 Jan 2000 19:12:57 GMT, mf_luder@my-deja.com wrote:

> >
> >>From CQ, paraphrasing FCC:
> >>
> >>
> >>* The much-abused disability waiver for 13- and 20-wpm code tests is
> >>eliminated (since there will no longer be any 13- or 20-wpm code
tests).
> >>
> >>Well now, here's some typical "military intelligence" I didn't read
> >>until today in the FCC's Retort and Odor.
> >>The code waiver is being abused, so less ditch the 13 and 20 wpm
code
> >>tests... OK.
> >>
> >>They did give a few other reasons, but this is the most stupid of
the
> >>bunch.
> >>
> >>It's like saying "everyone is failing the road test of a trucking
exam,
> >>so we'll just make it a written, shall we ?"
> >>
> >>* The changes will take effect on April 15, 2000. This will give the
QPC
> >>time to create new exams, and will give publishers time to get new
> >>license manuals into print before the new structure is put into
place.
> >>In addition, it will give tens of thousands of hams with partial
credit
> >>toward one of the new license classes the opportunity to pass the
> >>remaining element(s) before the new tests begin, possibly requiring
re-
> >>examination on certain topics.
> >>
> >>They left out the part about the radio makers issuing limited new
models
> >>until they had a "bigger" market... of course when they realize the
> >>"boom" (the ARRL will mention in the ARRL Letter this week has begun
at
> >>test sessions already) will die as quick a death as the codeless
Tech
> >>boom, they'll curtail manufacturing even faster.
> >>
> >>
> >>
> >>
> >>Sent via Deja.com http://www.deja.com/
> >>Before you buy.
> >
>

282. Re: 5 WPM ain't a code test. was Re: Code Exam "Disability" Waivers

Newsgroup: rec.radio.amateur.space
Date: 2000-01-21 00:00:00 UTC
From: W6RCecilA <Cecil.A.Moore@IEEE.org>
Message-ID: <38887FB4.A370E57D@IEEE.org>
Source record: 10366
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

Rick wrote:
> When is this CRAP going to stop??? The new test requirements are
> not welfare, you still have to study to pass the tests. Remember
> welfare is a hand out. For Amateur Radio license to be a hand out it
> would mean no testing at all and no charge for the license.

Rick, they are just unhappy that the federal subsidy program for
Morse code has been decreased. They might now have to get off
their lazy butts and expend some energy promoting their favorite
mode.
--
73, Cecil, W6RCA http://www.mindspring.com/~w6rca

283. Re: 5 WPM ain't a code test. was Re: Code Exam "Disability" Waivers

Newsgroup: rec.radio.amateur.space
Date: 2000-01-21 00:00:00 UTC
From: W6RCecilA <Cecil.A.Moore@IEEE.org>
Message-ID: <38888172.D76F74BD@IEEE.org>
Source record: 10367
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

Mike Yetsko wrote:
> The point is CW should go, period.

Nope, CW should NOT go. CW is and should stay available
to anyone who wants to use it. Methinks you meant:
"The point is Morse code *testing* should go, period".
--
73, Cecil, W6RCA http://www.mindspring.com/~w6rca

284. Re: WinOrbit Y2K Problem

Newsgroup: rec.radio.amateur.space
Date: 2000-01-21 00:00:00 UTC
From: F1LED <f1led@magic.fr>
Message-ID: <948480629.752882@jerusalem.magic.fr>
Source record: 10368

New software for satellite tracking ! ! !
on my web site see the new version of Winorbit 3.6

Web : http://perso.magic.fr/pierrot

Email : f1led@magic.fr

Brent, AB8DG <haskelb@asacomp.com> a crit dans le message :
o6cf8ssv4ch84s3d51ab1ohff2tv63jd0c@4ax.com...
> Carl Gregory has just released a new version of WinOrbit. Carl says
> Version 3.6 is Y2K compatable. It's available at the AMSAT website.
>
> Brent
> AB8DG

285. Re: Ham Radio SHITLIST!! Add a user today...

Newsgroup: rec.radio.amateur.space
Date: 2000-01-21 00:00:00 UTC
From: kf2ti1126@my-deja.com
Message-ID: <86ae8o$hj5$1@nnrp1.deja.com>
Source record: 10369
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

In article <38886e63.1338754@news3.buffnet.net>,
rec.radio.amateur.policy wrote:
> On Fri, 21 Jan 2000 09:57:32 GMT, cobrano-spam@budweiser.com (kf6foz)
> wrote:
>
> >Add your nominee to the next available line....
> >
> >
> >kf6foz - for starting this stupid thing.
> >kf6fgb - for not learning to read.
>
> KF2TI - for not learning to read, write, think, or tell the truth
>
> 73 DE KC2FNG

Gee little Porta Johnny waa waa Thought I was kill filed dickweed.
Maybe you should name yourself. Any person who slanders fellow club
members ina public forum needs to be on a list like this. This is a
truth that I read from your posting, I wrote to several of your club
members that I personally know to advise them that you basically are a
lower form of plant life. I provided copies of your post to them as
proof

Therefore, I did read the truth (as you wrote it) I did write the
truth (unless you lied about the whole thing) I did think that the
truth should be spread amoungst that you insulted and I am telling the
truth now. I did all those truths and would do it again, because I
know it pisses you off.

Maybe you wanna send popgun shooter 1 at me again. Yes Johnny rides
the cotton pony, we all know you have a dejanews address and post
messages back and forth to yourself. Best you stay near that big bad
radio station you set up. Never will know when Ares will need you to
rescue someone caught in the ice flows of the Niagara.

Tata prattle brained fool. Go back to teaching your pet poodle morse
code. I'm sure it would be a better operator than the likes of you

Don't forget to killfile me again

Sent via Deja.com http://www.deja.com/
Before you buy.

286. Re: 5 WPM ain't a code test. was Re: Code Exam "Disability" Waivers

Newsgroup: rec.radio.amateur.space
Date: 2000-01-21 00:00:00 UTC
From: "D. Stussy" <kd6lvw@bde-arc.ampr.org>
Message-ID: <Pine.LNX.4.10.10001212033400.1882-100000@dns.bde-arc.ampr.org>
Source record: 10370
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

On Thu, 20 Jan 2000, Mr Cold Shower wrote:
> I can Fart code at 5 WPM. Anyone who can't pass five wpm isn't trying to
> pass. You losers got your free government handout radio license and now
> you complain ham radio isn't Dumbed down enough for you. I guess you all
> want to get licensed as easy as you get your welfare checks. Why don't you
> whiners get together with your CB buddy's and suck up to the ARRL. Maybe
> they can fix things for you.

Well, actually, it is: Can someone recognize the individual letters - yes or
no?

I agree that for "Conversational 'CW'," the 13 wpm test is THE test (and 20wpm
tested proficiency only).

287. Re: 5 WPM ain't a code test. was Re: Code Exam "Disability" Waivers

Newsgroup: rec.radio.amateur.space
Date: 2000-01-21 00:00:00 UTC
From: Dick Carroll <dixie@townsqr.com>
Message-ID: <86amlf$o9j$3@208.207.71.137>
Source record: 10371
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

W6RCecilA wrote:
>
> Rick wrote:
> > When is this CRAP going to stop??? The new test requirements are
> > not welfare, you still have to study to pass the tests. Remember
> > welfare is a hand out. For Amateur Radio license to be a hand out it
> > would mean no testing at all and no charge for the license.
>
> Rick, they are just unhappy that the federal subsidy program for
> Morse code has been decreased. They might now have to get off
> their lazy butts and expend some energy promoting their favorite
> mode.

Not a chance. If codehaters can't understand why they
should learn it from all that has gone before here on RRAP,
attempting to "promote" it to them would be an enormous
exercise in futility, to say nothing of overfilled with
rancor.
Oh BTW....Why haven't we heard from you, the character who
wants everyone with a ham license to be an engineer, on the
memorize-the-question-and-its-answer writtens? You ARE all
smoke and BS, aren't you?

288. Re: 5 WPM ain't a code test. was Re: Code Exam "Disability" Waivers

Newsgroup: rec.radio.amateur.space
Date: 2000-01-21 00:00:00 UTC
From: Mike Yetsko <joe@user.com>
Message-ID: <UH5i4.2347$OT5.125035@newsread1.prod.itd.earthlink.net>
Source record: 10372
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

You're not quoting me correctly.

Yes, I said it, but WITH it I ALSO said:

If you like it, use it, but don't force it on everybody.
ESPECIALLY not as a fake qualifier of technical
superiority for the 'so called Extra' class.

No one said you couldn't use it. Just don't make a PHYSICAL skill
a measure of technical competance. It's not, and never will be.
If you think it is, well, I have some cheap land in Florida to sell...

Mike

W6RCecilA <Cecil.A.Moore@IEEE.org> wrote in message
news:38888172.D76F74BD@IEEE.org...
> Mike Yetsko wrote:
> > The point is CW should go, period.
>
> Nope, CW should NOT go. CW is and should stay available
> to anyone who wants to use it. Methinks you meant:
> "The point is Morse code *testing* should go, period".
> --
> 73, Cecil, W6RCA http://www.mindspring.com/~w6rca
>

289. Re: 5 WPM ain't a code test. was Re: Code Exam "Disability" Waivers

Newsgroup: rec.radio.amateur.space
Date: 2000-01-21 00:00:00 UTC
From: W6RCecilA <Cecil.A.Moore@IEEE.org>
Message-ID: <3888F7E5.D09D0BCE@IEEE.org>
Source record: 10373
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

Dick Carroll wrote:
> Oh BTW....Why haven't we heard from you, the character who
> wants everyone with a ham license to be an engineer, on the
> memorize-the-question-and-its-answer writtens? You ARE all
> smoke and BS, aren't you?

You *have* heard from me, Dick, over and over, and from Bill
and Ed, too. The ham exams in 50s and 60s were no more difficult
than they are today. In a lot of ways, they were less difficult
than the exams are today. The ARS had already been dumbed down
when you took your first ham exam.
--
73, Cecil, W6RCA http://www.mindspring.com/~w6rca

290. Re: 5 WPM ain't a code test. was Re: Code Exam "Disability" Waivers

Newsgroup: rec.radio.amateur.space
Date: 2000-01-21 00:00:00 UTC
From: W6RCecilA <Cecil.A.Moore@IEEE.org>
Message-ID: <3888FD36.CB7DCF30@IEEE.org>
Source record: 10374
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

Mike Yetsko wrote:
> No one said you couldn't use it.
> > Mike Yetsko wrote:
> > > The point is CW should go, period.

If CW goes, as you say it should, then no one can use it.
--
73, Cecil, W6RCA http://www.mindspring.com/~w6rca

291. Re: 5 WPM ain't a code test. was Re: Code Exam "Disability" Waivers

Newsgroup: rec.radio.amateur.space
Date: 2000-01-22 00:00:00 UTC
From: Gary - KJ6Q <davison7@gte.net>
Message-ID: <9c7i4.663$oa7.23431@dfiatx1-snr1.gtei.net>
Source record: 10375
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

W6RCecilA <Cecil.A.Moore@IEEE.org> wrote
The ham exams in 50s and 60s were no more difficult
> than they are today. In a lot of ways, they were less difficult
> than the exams are today. The ARS had already been dumbed down
> when you took your first ham exam.
> --
> 73, Cecil,

BRINGS up an interesting question - when WERE the exams "difficult" -
only when *I* took them...?

8^)

Gary - KJ6Q
= = = = = = = =
Legally required trigger locks on home protection guns is
as STUPID as placing a cars emergency brake in the TRUNK!

292. Re: 5 WPM ain't a code test. was Re: Code Exam "Disability" Waivers

Newsgroup: rec.radio.amateur.space
Date: 2000-01-22 00:00:00 UTC
From: Dick Carroll <dixie@townsqr.com>
Message-ID: <86bkr7mgd2@208.207.71.137>
Source record: 10376
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

Gary - KJ6Q wrote:
>
> W6RCecilA <Cecil.A.Moore@IEEE.org> wrote
> The ham exams in 50s and 60s were no more difficult
> > than they are today. In a lot of ways, they were less difficult
> > than the exams are today. The ARS had already been dumbed down
> > when you took your first ham exam.
> > --
> > 73, Cecil,
>
> BRINGS up an interesting question - when WERE the exams "difficult" -
> only when *I* took them...?
>
> 8^)

Pay him no mind, Gary. The only time he took an exam at the
FCC office (advanced) he says he was drunk. He still doesn't
know anything about it.

293. Re: 5 WPM ain't a code test. was Re: Code Exam "Disability" Waivers

Newsgroup: rec.radio.amateur.space
Date: 2000-01-22 00:00:00 UTC
From: Christopher Cox <cobox@urec.net>
Message-ID: <01bf64e0$973ef240$867f473f@cbx-nt>
Source record: 10377
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

With all due respect, why do you guys continuously crosspost this diatribe the Satellite newsgroup? Speaking for myself, I cannot see where anybody here cares about the CW/H.F. privileges, it is a non issue.

You guys are so wrapped up in disputing the now commercially worthless H.F. segments that you have lost focus on what the commercial sector really wants and is lobbying for, two meters and UP for satellite work.

I cannot help but wonder if the FCC and the lobbyist have struck a deal and this restructuring is a way to wean us off of the upper bands.

Free your mind.......

Christopher Cox
Working diligently on Morse Code

294. Re: 5 WPM ain't a code test. was Re: Code Exam "Disability" Waivers

Newsgroup: rec.radio.amateur.space
Date: 2000-01-22 00:00:00 UTC
From: W6RCecilA <Cecil.A.Moore@IEEE.org>
Message-ID: <3889BA5D.CC509DF5@IEEE.org>
Source record: 10378
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

Dick Carroll wrote:
> Pay him no mind, Gary. The only time he took an exam at the
> FCC office (advanced) he says he was drunk. He still doesn't
> know anything about it.

As usual, wrong again, Dick. My parents drove me 200 miles
round trip in a '46 Chevvy to the Houston FCC office in
1951. The only alcohol I had was Hadecol (sp?), 30 proof :-)
I often wondered why that stuff made me feel so warm and
fuzzy.
--
73, Cecil, W6RCA http://www.mindspring.com/~w6rca

295. Re: Amateur Restructuring - CALL SIGNS !!!!! - Great Idea!

Newsgroup: rec.radio.amateur.space
Date: 2000-01-22 00:00:00 UTC
From: dinod@deltanet.com
Message-ID: <Rrni4.9864$k25.809259@news1.rdc2.tx.home.com>
Source record: 10379
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

Nice post Mike! Good Luck!

Being an Amateur for over 10-years, and having attained my license
before the advent of no-code, and still enjoying all aspects of
CB radio, I"M ON YOUR SIDE!

Keep working hard and ask yourself WHY amateurs who HATE CB come
here. They are not superior operators because of the license
they hold. They are inferior humans by trying to talk down to the
next guy based on their inadaquacies.

Dino...K6RIX

>So this is what I have to look forward to, huh? I'm sorry, but I resent the
>hell out of your sentiment that every new ham is an "idiot" or a "CBer". I
>am studying for my Technician's license (ready to take the test at the next
>hamfest) and look forward to advancing in the amateur radio service, despite
>the less than gracious welcome mat that you folks have laid out. The focus
>of Amateur Radio is helping people through the understanding and application
>of radio communications theory. From what I've seen, other than relaxing
>the CW requirements somewhat, the FCC hasn't lowered the entrance
>requirements to the point that it doesn't require hard work to attain the
>various level licenses.
>
>I'm not meaning to single you two gentlemen out, I've been reading similar
>posts for awhile now and decided it was time to speak up. There are some of
>us who are just getting started in amateur radio that could use help and
>encouragement from the more established hams. I understand your anger, but
>you should be careful not to do more harm than good by callously tossing out
>such comments. Dig out your ARRL Handbook and read the Amateur's Code,
>based on this and similar recent threads we seem to have lost sight of
>something important.
>
>Respectfully,
>Mike
>
>
>

296. Re: 5 WPM ain't a code test. was Re: Code Exam "Disability" Waivers

Newsgroup: rec.radio.amateur.space
Date: 2000-01-22 00:00:00 UTC
From: Mike Yetsko <joe@user.com>
Message-ID: <V4oi4.1962$IN4.105246@newsread1.prod.itd.earthlink.net>
Source record: 10380
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

I like this!!

> BRINGS up an interesting question - when WERE the exams
"difficult" -
> only when *I* took them...?

It sounds an awful lot like my dad, with the "I had to walk three miles
to
school everyday, even in bad weather. And if our shoes had holes in
them, our feet got wet!" But I guess my dad was pretty well off. I've
heard from others their dads would claim they were barefoot in the
winter.

Mike

Gary - KJ6Q <davison7@gte.net> wrote in message
news:9c7i4.663$oa7.23431@dfiatx1-snr1.gtei.net...
> W6RCecilA <Cecil.A.Moore@IEEE.org> wrote
> The ham exams in 50s and 60s were no more difficult
> > than they are today. In a lot of ways, they were less difficult
> > than the exams are today. The ARS had already been dumbed down
> > when you took your first ham exam.
> > --
> > 73, Cecil,
>
> BRINGS up an interesting question - when WERE the exams "difficult" -
> only when *I* took them...?
>
> 8^)
>
>
> Gary - KJ6Q
> = = = = = = = =
> Legally required trigger locks on home protection guns is
> as STUPID as placing a cars emergency brake in the TRUNK!
>
>

297. Re: 5 WPM ain't a code test. was Re: Code Exam "Disability" Waivers

Newsgroup: rec.radio.amateur.space
Date: 2000-01-22 00:00:00 UTC
From: The Landshark <lndshark@ix.netcom.com>
Message-ID: <388A8DF7.9D90B87@ix.netcom.com>
Source record: 10381
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

kf6foz wrote:

> I am a no-code technician not by choice. It may have taken me a while
> to go for my code due to owning my own business, but at least I am
> still going to do my upgrade. So keep your browser open and check QRZ
> from time to time. Until then I work my ass off trying to improve my
> life instead of furthering my hobby and when I got the time from work,
> I'll do my code.
>
> 73 de kf6foz
>

UHhhhhhhh HUhhhhhhhhh. Nice to know you're that busy.
I thought when I came through town last time you said "Hey
come by anytime, we'll have a brew or 2 or 12" or something
like that.
Don't make come into that town with 415 & start ruining your
life. ;)>

The Landshark

--
"Ah it's a Buell-tiful day for a perfect ride"
98 Buell S3 Thunderbolt
83 Honda 1100F
99 Ford F150 Supercab

298. Re: Ham Radio SHITLIST!! Add a user today...

Newsgroup: rec.radio.amateur.space
Date: 2000-01-22 00:00:00 UTC
From: The Landshark <lndshark@ix.netcom.com>
Message-ID: <388A92E0.DD30B79@ix.netcom.com>
Source record: 10382
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

kf2ti1126@my-deja.com wrote:
>
> In article <38886e63.1338754@news3.buffnet.net>,
> rec.radio.amateur.policy wrote:
> > On Fri, 21 Jan 2000 09:57:32 GMT, cobrano-spam@budweiser.com (kf6foz)
> > wrote:
> >
> > >Add your nominee to the next available line....
> > >
> > >
> > >kf6foz - for starting this stupid thing.
> > >kf6fgb - for not learning to read.
> >
> > KF2TI - for not learning to read, write, think, or tell the truth
> >
> > 73 DE KC2FNG
>
> Gee little Porta Johnny waa waa Thought I was kill filed dickweed.
> Maybe you should name yourself. Any person who slanders fellow club
> members ina public forum needs to be on a list like this. This is a
> truth that I read from your posting, I wrote to several of your club
> members that I personally know to advise them that you basically are a
> lower form of plant life. I provided copies of your post to them as
> proof
>
> Therefore, I did read the truth (as you wrote it) I did write the
> truth (unless you lied about the whole thing) I did think that the
> truth should be spread amoungst that you insulted and I am telling the
> truth now. I did all those truths and would do it again, because I
> know it pisses you off.
>
> Maybe you wanna send popgun shooter 1 at me again. Yes Johnny rides
> the cotton pony, we all know you have a dejanews address and post
> messages back and forth to yourself. Best you stay near that big bad
> radio station you set up. Never will know when Ares will need you to
> rescue someone caught in the ice flows of the Niagara.
>
> Tata prattle brained fool. Go back to teaching your pet poodle morse
> code. I'm sure it would be a better operator than the likes of you
>
> Don't forget to killfile me again
>
> Sent via Deja.com http://www.deja.com/

> Before you buy.

Jesus Christ John..... Raising the shit
over there now? You are going too have to inform
me of little turds like this, I just love to make
them spin, and go down the bowl with a smile.

The Landshark
--
"Ah it's a Buell-tiful day for a perfect ride"
98 Buell S3 Thunderbolt
83 Honda 1100F
99 Ford F150 Supercab

299. Re: 5 WPM ain't a code test. was Re: Code Exam "Disability" Waivers

Newsgroup: rec.radio.amateur.space
Date: 2000-01-22 00:00:00 UTC
From: The Landshark <lndshark@ix.netcom.com>
Message-ID: <388A9818.4214A4D@ix.netcom.com>
Source record: 10383
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

kf6foz wrote:
>
> That was almost 4 yrs ago. But you are welcome to make the 250 mile
> trip to drink a few. Just make sure it is on my day off!!!
>
> Is channel 1 still dead as hell down there? Last time I was there
> about 6 months ago, There wasnt a soul around except on 17.
>
> Uh oh! Someone up Named Porky says, Tell him to come up here so I can
> squish him... Heh! Sound like a threat?
> I think you could squish him with the setup you had that I remember.
> Dont know about now though.
>
> Cya later
> -Cobra-
>
> On Sat, 22 Jan 2000 21:13:28 -0800, The Landshark
> <lndshark@ix.netcom.com> wrote:
> > UHhhhhhhh HUhhhhhhhhh. Nice to know you're that busy.
> >I thought when I came through town last time you said "Hey
> >come by anytime, we'll have a brew or 2 or 12" or something
> >like that.
> > Don't make come into that town with 415 & start ruining your
> >life. ;)>
> >
> > The Landshark
> >
> >--
> >"Ah it's a Buell-tiful day for a perfect ride"
> >98 Buell S3 Thunderbolt
> >83 Honda 1100F
> >99 Ford F150 Supercab

Now Now John, It's not 250 miles, more around,
110 to 145, depending on local in your neighborhood.
You should know me better by now, driving for me is
a pleasure, not a task for most people.
Porky Huh, sounds like a great reason to go up
there and try my new recipe for pork rinds.

As far as the set up, I said before, more powerful
than when you left town.

Channel 1, I WON, No ifs, ands, or BUTTS about it.
I'm working on 17 now, but the good things about
that channel, there's always some trucker coming
through town to pick on.

The Landshark
--
"Ah it's a Buell-tiful day for a perfect ride"
98 Buell S3 Thunderbolt
83 Honda 1100F
99 Ford F150 Supercab

300. Re: Amateur Restructuring - CALL SIGNS !!!!! - Great Idea!

Newsgroup: rec.radio.amateur.space
Date: 2000-01-23 00:00:00 UTC
From: Some@body.com
Message-ID: <388a543e.61974215@nntp.mindspring.com>
Source record: 10384
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

The reason the average age of an Amateur Radio operator has risen as high as it has is because of the attitude of the Amateur Radio operators. Granted, not all share this attitude, but those that don't are the exception, rather than the rule. I for one have been trying to understand this attitude, but have failed. If there are any hams out there who would like to enlighten me, I will be more than happy to further my education. Thanks in advance, Bill.

On Sat, 22 Jan 2000 19:22:25 GMT, dinod@deltanet.com (Dino) wrote:

>Nice post Mike! Good Luck!
>
>Being an Amateur for over 10-years, and having attained my license
>before the advent of no-code, and still enjoying all aspects of
>CB radio, I"M ON YOUR SIDE!
>
>Keep working hard and ask yourself WHY amateurs who HATE CB come
>here. They are not superior operators because of the license
>they hold. They are inferior humans by trying to talk down to the
>next guy based on their inadaquacies.
>
>Dino...K6RIX
>
>
>>So this is what I have to look forward to, huh? I'm sorry, but I resent the
>>hell out of your sentiment that every new ham is an "idiot" or a "CBer". I
>>am studying for my Technician's license (ready to take the test at the next
>>hamfest) and look forward to advancing in the amateur radio service, despite
>>the less than gracious welcome mat that you folks have laid out. The focus
>>of Amateur Radio is helping people through the understanding and application
>>of radio communications theory. From what I've seen, other than relaxing
>>the CW requirements somewhat, the FCC hasn't lowered the entrance
>>requirements to the point that it doesn't require hard work to attain the
>>various level licenses.
>>
>>I'm not meaning to single you two gentlemen out, I've been reading similar
>>posts for awhile now and decided it was time to speak up. There are some of
>>us who are just getting started in amateur radio that could use help and
>>encouragement from the more established hams. I understand your anger, but
>>you should be careful not to do more harm than good by callously tossing out
>>such comments. Dig out your ARRL Handbook and read the Amateur's Code,
>>based on this and similar recent threads we seem to have lost sight of
>>something important.

>>
>>Respectfully,
>>Mike
>>
>>
>>
>

301. 50 MHz DX Bulletin (#00-003)

Newsgroup: rec.radio.amateur.space
Date: 2000-01-23 00:00:00 UTC
From: "O. Bj�rn Madsen" <obm@image.dk>
Message-ID: <deui4.1441$E4.43309@news010.image.dk>
Source record: 10385
Cross-posted to:
rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.packet,rec.radio.amateur.policy,rec.radio.amateur.space

Dr OM/YL

This mail to inform You that the latest edition
of the OZ50MHz DX Bulletin #00-003 is now uploaded
at my website, at the adress;

http://www.qsl.net/oz6om/

Please have in mind that the OZ50MHz DX Bulletin
normaly is uploaded late Saturday evening (UT time)

vy 73 de OZ6OM / OZ7M "Matt"

302. Re: Amateur Restructuring - CALL SIGNS !!!!! - Great Idea!

Newsgroup: rec.radio.amateur.space
Date: 2000-01-23 00:00:00 UTC
From: henry@wolfenet.com
Message-ID: <388f79d5.2137538@news1.wolfenet.com>
Source record: 10386
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

dinod@deltanet.com (Dino) wrote:

>
>Keep working hard and ask yourself WHY amateurs who HATE CB come
>here. They are not superior operators because of the license
>they hold. They are inferior humans by trying to talk down to the
>next guy based on their inadaquacies.
>
>Dino...K6RIX
>

I don't hate CBers. I was a license CBer in the early 70's. I got my
first ham ticket in 1961 and general class in 62. I currently have an
extra clas ham ticket.
What I don't like about CBers is that fact that they think that they
are above the law. Death threats, profanity, and hate talk dominate
the CB channels. A person running legal power is a rare thing on the
CB bands where I live. If my children were little, I would not
hesitate letting them work the ham bands unsupervised.
But,like the Internet, I would not consider letting my children
work the cB channels unsupervised. That is why hams don't want
the CB set comming up to the ham bands.
Just a thought

303. Re: 5 WPM ain't a code test. was Re: Code Exam "Disability" Waivers

Newsgroup: rec.radio.amateur.space
Date: 2000-01-23 00:00:00 UTC
From: cobrano-spam@budweiser.com
Message-ID: <388a87be.5180463@news.thegrid.net>
Source record: 10387
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

That was almost 4 yrs ago. But you are welcome to make the 250 mile
trip to drink a few. Just make sure it is on my day off!!!

Is channel 1 still dead as hell down there? Last time I was there
about 6 months ago, There wasnt a soul around except on 17.

Uh oh! Someone up Named Porky says, Tell him to come up here so I can
squish him... Heh! Sound like a threat?
I think you could squish him with the setup you had that I remember.
Dont know about now though.

Cya later
-Cobra-

On Sat, 22 Jan 2000 21:13:28 -0800, The Landshark
<lndshark@ix.netcom.com> wrote:
> UHhhhhhhh HUhhhhhhhhh. Nice to know you're that busy.
>I thought when I came through town last time you said "Hey
>come by anytime, we'll have a brew or 2 or 12" or something
>like that.
> Don't make come into that town with 415 & start ruining your
>life. ;)>
>
> The Landshark
>
>--
>"Ah it's a Buell-tiful day for a perfect ride"
>98 Buell S3 Thunderbolt
>83 Honda 1100F
>99 Ford F150 Supercab

304. Re: Ham Radio SHITLIST!! Add a user today...

Newsgroup: rec.radio.amateur.space
Date: 2000-01-23 00:00:00 UTC
From: cobrano-spam@budweiser.com
Message-ID: <388a8dda.6745416@news.thegrid.net>
Source record: 10388
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

On Sat, 22 Jan 2000 21:34:24 -0800, The Landshark
<lndshark@ix.netcom.com> wrote:

>kf2ti1126@my-deja.com wrote:
>>
>> In article <38886e63.1338754@news3.buffnet.net>,
>> rec.radio.amateur.policy wrote:
>> > On Fri, 21 Jan 2000 09:57:32 GMT, cobrano-spam@budweiser.com (kf6foz)
>> > wrote:
>> >
>> > >Add your nominee to the next available line....
>> > >
>> > >
>> > >kf6foz - for starting this stupid thing.
>> > >kf6fgb - for not learning to read.
>> >
>> > KF2TI - for not learning to read, write, think, or tell the truth
>> >
>> > 73 DE KC2FNG
>>
>> Gee little Porta Johnny waa waa Thought I was kill filed dickweed.
>> Maybe you should name yourself. Any person who slanders fellow club
>> members ina public forum needs to be on a list like this. This is a
>> truth that I read from your posting, I wrote to several of your club
>> members that I personally know to advise them that you basically are a
>> lower form of plant life. I provided copies of your post to them as
>> proof
>>
>> Therefore, I did read the truth (as you wrote it) I did write the
>> truth (unless you lied about the whole thing) I did think that the
>> truth should be spread amoungst that you insulted and I am telling the
>> truth now. I did all those truths and would do it again, because I
>> know it pisses you off.
>>
>> Maybe you wanna send popgun shooter 1 at me again. Yes Johnny rides
>> the cotton pony, we all know you have a dejanews address and post
>> messages back and forth to yourself. Best you stay near that big bad
>> radio station you set up. Never will know when Ares will need you to
>> rescue someone caught in the ice flows of the Niagara.
>>
>> Tata prattle brained fool. Go back to teaching your pet poodle morse
>> code. I'm sure it would be a better operator than the likes of you
>>

>> Don't forget to killfile me again
>>
>> Sent via Deja.com http://www.deja.com/
>> Before you buy.
>
>Jesus Christ John..... Raising the shit
>over there now? You are going too have to inform
>me of little turds like this, I just love to make
>them spin, and go down the bowl with a smile.
>
> The Landshark
>--
>"Ah it's a Buell-tiful day for a perfect ride"
>98 Buell S3 Thunderbolt
>83 Honda 1100F
>99 Ford F150 Supercab
Hehee! :)

305. Re: HeathKit HW-2036

Newsgroup: rec.radio.amateur.space
Date: 2000-01-23 00:00:00 UTC
From: pmunsel@aol.com
Message-ID: <20000123004847.03691.00001429@ng-fd1.aol.com>
Source record: 10389

>What exactly does this have to do with amateur space communications?

That was my question when I saw all of the grumbling about restructuring in the posts ahead of this one..
73,
Paul N5XMV

306. Re: 5 WPM ain't a code test. was Re: Code Exam "Disability" Waivers

Newsgroup: rec.radio.amateur.space
Date: 2000-01-23 00:00:00 UTC
From: cobrano-spam@budweiser.com
Message-ID: <388a9e80.11007928@news.thegrid.net>
Source record: 10390
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

On Sat, 22 Jan 2000 21:56:40 -0800, The Landshark
<lndshark@ix.netcom.com> wrote:
> Now Now John, It's not 250 miles, more around,
>110 to 145, depending on local in your neighborhood.
>You should know me better by now, driving for me is
>a pleasure, not a task for most people.
> Porky Huh, sounds like a great reason to go up
>there and try my new recipe for pork rinds.
>
> As far as the set up, I said before, more powerful
>than when you left town.
>
>Channel 1, I WON, No ifs, ands, or BUTTS about it.
>I'm working on 17 now, but the good things about
>that channel, there's always some trucker coming
>through town to pick on.
>
> The Landshark
>--
>"Ah it's a Buell-tiful day for a perfect ride"
>98 Buell S3 Thunderbolt
>83 Honda 1100F
>99 Ford F150 Supercab

Yeah know, I been waiting for a long time for someone to squish this guy. He thinks his Ford Dually and a 4 pill box is the best out here.

He used to live in Palo Alto, but he is a white guy that reminds me of someone that should have a Galaxy Saturn strapped on to his John Deere tractor.

Steve Michaelson was in this area a couple years ago and got a whole shitty thing stirred up up here. But fortunately that loser was only passing through.

Heh. Even your good buddy "Noggie" was up here for a while tripping off of all these shit starters up here.

I have a load of a time laughing at all the crap up here!

Be advised, It is a long trip up here. If you do decide to come up this way, Bring Mikey with ya...

Cya Later!
-Cobra-

307. Re: 5 WPM ain't a code test. was Re: Code Exam "Disability" Waivers

Newsgroup: rec.radio.amateur.space
Date: 2000-01-23 00:00:00 UTC
From: Brian <brianburke@my-deja.com>
Message-ID: <86f7pa$nd8$1@nnrp1.deja.com>
Source record: 10391
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

In article <S7xi4.1162$Kf2.8652@news.swbell.net>,
"BD" <bodu@pobox.com> wrote:

> 20-30mins/day, dood... Skip a tv-show

I don't watch TV except the wx channel before I start work in the morning. I work outside so its kind of important.

> Get up a half-hr early

I'm already up at 4:30. You get up half an hour earlier.

> Stay in the office during lunch-break

I'm a field Tech. I eat in the truck on the way to the next site if I eat at all. I visit the office on Monday morning to see my e-mail and file my travel vouchers.

> Come up with some other excuse, iow.. ;)

Why are you liberals always trying to decide what someone else should do with THEIR time and THEIR life? I've got enough problems without you inventing more for me.

Now here are my demands of you.

1. Join the Republican Party. Actively support your local Republican candidates.

2. Get up half an hour early and telephone friends, neighbors, and talk shows and tell them about how the Republicans want to get government out of their pockets, homes, and lives.

3. Spend 30 minutes of your your lunch hour handing out Republican Party brochures and encouraging people to register and vote.

After you have done all three, you will be allowed to post on rra.policy using your real name and callsign.

73, Brian

Sent via Deja.com http://www.deja.com/
Before you buy.

308. WinOrbit 3.6 Y2K compliant on my Web site

Newsgroup: rec.radio.amateur.space
Date: 2000-01-23 00:00:00 UTC
From: Pierrot <pierrot@magic.fr>
Message-ID: <948648180.398374@casablanca.magic.fr>
Source record: 10392

```
Hello
for an Y2K compliant version of WinOrbit see my
Web site: http://perso.magic.fr/pierrot

Bye, vy's 73 de Pierre - F1LED
```

309. Re: WinOrbit 3.6 Y2K compliant on my Web site

Newsgroup: rec.radio.amateur.space
Date: 2000-01-23 00:00:00 UTC
From: Pat Cox <peacox@gloryroad.net>
Message-ID: <388B9C42.B68D3ABE@gloryroad.net>
Source record: 10393

Thanks for posting Winorbit Y2K compliant version. I have updated
immediately thanks to you. 73, Pat, K4AVO

Pierrot wrote:

> Hello
> for an Y2K compliant version of WinOrbit see my
> Web site: http://perso.magic.fr/pierrot
>
> Bye, vy's 73 de Pierre - F1LED

310. Re: 5 WPM ain't a code test. was Re: Code Exam "Disability" Waivers

Newsgroup: rec.radio.amateur.space
Date: 2000-01-23 00:00:00 UTC
From: Rick E Wallis <rwallis@ocsonline.com>
Message-ID: <21_i4.2837$K5.24334@newsfeed.slurp.net>
Source record: 10394
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

Its not free now but you people sure as hell are working on it.. If I could pass the test anyone could..
I aint real good at code but I passed the thing without bitchin.. Its what I had to do.. I passed the written because Its what I do for a living but there are lots of guys that pass both.. Why? They thought ham radio was worth working for... My wife passed her test for no code tech and has been working on the code.. Now she said "their going to give the thing away.. all that work down the drain." I told her its not down the drain but there will just be fewer real hams and a lot of free loaders.. After a while even filling out an app. got to be too much trouble for the CBers.. pretty soon they will be getting rid of the written too.. Do you now what that will make us.. CBers.. IT IS RADIO WELFAIR.. You dont want to work for it.. Hey you have a right to have it.. I want it FREE! Well if we make it so easy what have we got.. NOTHING.. not a damn thing! Like America its going to Hell in a hand basket..
dumb it on down.. Packet is going and RTTY because they cant read.. Give them the paper..

Rick <Rickhit@worldnet.att.net> wrote in message news:388923e9.2351827@netnews.worldnet.att.net...
> On Thu, 20 Jan 2000 21:51:24 GMT, Cold@shower.org (Mr Cold Shower)
> wrote:
>
> > >
> > >I can Fart code at 5 WPM. Anyone who can't pass five wpm isn't trying to
> > >pass. You losers got your free government handout radio license and now
> > >you complain ham radio isn't Dumbed down enough for you. I guess you all
> > >want to get licensed as easy as you get your welfare checks. Why don't
you
> > >whiners get together with your CB buddy's and suck up to the ARRL. Maybe
> > >they can fix things for you.
> > >
> > >Extra class, killed in action.
>
> When is this CRAP going to stop??? The new test requirements are
> not welfare, you still have to study to pass the tests. Remember
> welfare is a hand out. For Amateur Radio license to be a hand out it
> would mean no testing at all and no charge for the license.
>
> The Code War is over so stop fighting it! If you think the FCC is
> going to rase the code speeds up again forget it, it's not going to
> happen. The return of the 13 and 20wpm requirement has a snowball's

> chance in Hell of coming back.
>
> Rick KC2ESD

311. Re: 5 WPM ain't a code test. was Re: Code Exam "Disability" Waivers

Newsgroup: rec.radio.amateur.space
Date: 2000-01-23 00:00:00 UTC
From: Toadster <ktm@lanset.com>
Message-ID: <388cac0b.0@news.sac.bfp.net>
Source record: 10395
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

I like it! Way to Brian - 2shaaaa
"Brian" <brianburke@my-deja.com> wrote in message
news:86f7pa$nd8$1@nnrp1.deja.com...
| In article <S7xi4.1162$Kf2.8652@news.swbell.net>,
| "BD" <bodu@pobox.com> wrote:
|
| > 20-30mins/day, dood... Skip a tv-show
|
| I don't watch TV except the wx channel before I start work
in the
| morning. I work outside so its kind of important.
|
| > Get up a half-hr early
|
| I'm already up at 4:30. You get up half an hour earlier.
|
| > Stay in the office during lunch-break
|
| I'm a field Tech. I eat in the truck on the way to the
next site if I
| eat at all. I visit the office on Monday morning to see
my e-mail and
| file my travel vouchers.
|
| > Come up with some other excuse, iow.. ;)
|
| Why are you liberals always trying to decide what someone
else should do
| with THEIR time and THEIR life? I've got enough problems
without you
| inventing more for me.
|
| Now here are my demands of you.
|
| 1. Join the Republican Party. Actively support your
local Republican
| candidates.
|
| 2. Get up half an hour early and telephone friends,
neighbors, and talk
| shows and tell them about how the Republicans want to get
government out
| of their pockets, homes, and lives.

```
|
| 3. Spend 30 minutes of your your lunch hour handing out
Republican
| Party brochures and encouraging people to register and
vote.
|
| After you have done all three, you will be allowed to post
on rra.policy
| using your real name and callsign.
|
| 73, Brian
|
|
| Sent via Deja.com http://www.deja.com/
| Before you buy.
```

312. Re: 5 WPM ain't a code test. was Re: Code Exam "Disability" Waivers

Newsgroup: rec.radio.amateur.space
Date: 2000-01-24 00:00:00 UTC
From: jeffreyh@Hawaii.Edu
Message-ID: <86g8h1oeg1@news.hawaii.edu>
Source record: 10396
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

Carl and Dee Wesser <wesser@hiwaay.net> wrote:
>BUT YOU DON'T EVEN HAVE HALF A GRIP ON WHAT YOU WROTE>>>>>>>
>I HAVE A COMMERCIAL GENERAL RADIO TELEPHONE LICENSE, WITH MARINE RADAR
>ENDORSEMENT,,A HAM LICENCE ,A VERY SUCESSFUL 2 WAY RADIO BUSINESS, AND FOR
>OVER 50 YEARS I CAN NOT COPY 2 WPM,CODE LET ALONE 5 WPM.
> NO I AM NOT ON WELFARE,I AM NOT WINNING,OR BITCHING, BUT PEOPLE LIKE
>YOU PEALLY P*** ME OFF,,IF YOU WERE 1/2 A MAN YOU WOULD APOLOGIZE, AND TRY
>TO GET A GRIP ON YOUR LIFE>>>>>>>>>>>>>>>>>>>

Hi Carl,
If you're KE4FQY, a Technician, then of course you can't copy code.

73, Jeff KH6O

313. Re: 5 WPM ain't a code test. was Re: Code Exam "Disability" Waivers

Newsgroup: rec.radio.amateur.space
Date: 2000-01-24 00:00:00 UTC
From: jeffreyh@Hawaii.Edu
Message-ID: <86gmdq$c6o$1@news.hawaii.edu>
Source record: 10397
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

In rec.radio.cb, Gary - KJ6Q <davison7@gte.net> wrote:
>BRINGS up an interesting question - when WERE the exams "difficult" -
>only when *I* took them...?

In _The_Book_Of_Wireless_, Frederick Collins, 1915 we see that the code speed was just 5 wpm. (Of course, back then, code was the only mode in use -- you HAD to learn it AT SPEED or else you didn't communicate with anyone.)

Here are the other requirements:

Recognize the official KEEP OUT signal and distress call.

Be knowledgable of the International Radio-telegraphic Convention in force and Sections 3, 4, 5, and 7 of the Act of Congress of August 13, 1912.

Take a seven-question written exam covering:

1. How to make a diagram of the transmitting and receiving apparatus
2. How the transmitting apparatus is made and how it works
3. How the receiving apparatus is made and how it works
4. The International regulations for wireless communications and the U.S. wireless laws and regulations.

That written exam was an essay-type test. As the goverment examiners were fond of saying back then, "What you fail to say, you don't know."

Jeff KH6O
Private math tutoring up through calculus. Email for appointment.

314. Re: Ham Radio SHITLIST!! Add a user today...

Newsgroup: rec.radio.amateur.space
Date: 2000-01-24 00:00:00 UTC
From: kc2fng@qsl.net
Message-ID: <388becc2.2355562@news3.buffnet.net>
Source record: 10398
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

On Sat, 22 Jan 2000 21:34:24 -0800, The Landshark
<lndshark@ix.netcom.com> wrote:

>Jesus Christ John..... Raising the shit
>over there now? You are going too have to inform
>me of little turds like this, I just love to make
>them spin, and go down the bowl with a smile.

He's just a B.S. artist that I killfiled, but he enjoys carrying on a
one-way conversation, I guess.

73 DE KC2FNG

315. Re: Ham Radio SHITLIST!! Add a user today...

Newsgroup: rec.radio.amateur.space
Date: 2000-01-24 00:00:00 UTC
From: Len ANderson - Non Ham & Proud <andersonbytes@bubblesin>
Message-ID: <MPG.12f63d3fc9793b219896a8@news.eni.net>
Source record: 10399
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

In article <388becc2.2355562@news3.buffnet.net>, kc2fng@qsl.net says...
> On Sat, 22 Jan 2000 21:34:24 -0800, The Landshark
> <lndshark@ix.netcom.com> wrote:
>
> >Jesus Christ John..... Raising the shit
> >over there now? You are going too have to inform
> >me of little turds like this, I just love to make
> >them spin, and go down the bowl with a smile.
>
> He's just a B.S. artist that I killfiled, but he enjoys carrying on a
> one-way conversation, I guess.
>
>
> 73 DE KC2FNG

as a member of your club John, I suggest you look in a mirror. BS
becomes you. I was one of those advanced licensees who "could no be
bothered" Sonny boy, you are full of it. You are a pain and quite
frankly I will be personally glad to see you leave the club

316. FS: Yaesu FT726R Satellite Rig

Newsgroup: rec.radio.amateur.space
Date: 2000-01-24 00:00:00 UTC
From: keithp@conninc.com
Message-ID: <86hrda$q69@edrn.newsguy.com>
Source record: 10400
Cross-posted to:
alt.ham-radio.marketplace,alt.ham-radio.vhf-uhf,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.swap

For Sale: Yaesu FT726R 144mhz/430mhz satellite rig. 100% operational. 2 modules installed. 2 meter module and 430mhz satelitte module. SAT module also installed. No microphone. Manual included. Copy of service manual also available.
1200 & 9600 Baud Packet Ready - 2 DIN plugs for connection to TNC
2 recieve preamps - both switchable in and out of line
Enhanced 144mhz recieve modification. Better S/N ratio. Easier to hear weak signal.(Documented and instructions included. Article published in QST in 1987.)

Reason for selling is I have 2 of these rigs and only need one.

$500.00 plus shipping CONUS.

May consider trades for VHF/UHF Amps.

Keith KD4AVP
keithp@conninc.com

317. Re: 5 WPM ain't a code test. was Re: Code Exam "Disability" Waivers

Newsgroup: rec.radio.amateur.space
Date: 2000-01-24 00:00:00 UTC
From: cobrano-spam@budweiser.com
Message-ID: <388c6e98.9662893@news.thegrid.net>
Source record: 10401
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

This post is generally aimed at those who bitch too much....

Ham Radio was dumbed down (In your terms) before anyone out here got there ticket and now everyone wants to bitch... Only ones dumbing it down are those that complain and say it will be like CB or say that CB'ers are gonna invade the bands. Get real!!! You keep speaking garbage like that and it will eventually happen and you would have ruined ham radio for eveyone. Could you live with that?

The activity of the FCC restructure hasnt even hit the CB bands in my area yet. If it has, I dont hear it on mine...Only 2 other people I know on the CB band which are Hams as well know about it. A few other CB'ers I know that I talked to on the phone could care less about the ham bands. They like CB the way it is and dont even want to hear about ham radio. They still think The ARS Sucks.

Now, I am a no code Tech so you know. I, before the news, wasnt even interested in code. Now, I am practicing every day and night so I can get my 5 wpm and join those of you on the HF bands. If you dont want to talk to me there or on UHF/VHF, fine, so be it. Some one will talk to me or pound a paddle with me. You will not be missed one bit by me and alot of other users, Including Generals, Advanced, and Extra Class operators.

If you decide to have a temper tantrum like a child and want to sell your gear and leave ham radio for good, I got a few hundred bucks to blow on some used equipment.

We all know you won't sell it because of the news. You will put it away and then come back after a year or 2.

On Sun, 23 Jan 2000 22:01:47 -0500, "Rick E Wallis"
<rwallis@ocsonline.com> wrote:

>Its not free now but you people sure as hell are working on it.. If I could
>pass the test anyone could..
>I aint real good at code but I passed the thing without bitchin.. Its what
>I had to do.. I passed the written because Its what I do for a living but
>there are lots of guys that pass both.. Why? They thought ham radio was
>worth working for... My wife passed her test for no code tech and has been
>working on the code.. Now she said "their going to give the thing away.. all
>that work down the drain." I told her its not down the drain but there will
>just be fewer real hams and a lot of free loaders.. After a while even
>filling out an app. got to be too much trouble for the CBers.. pretty soon
>they will be getting rid of the written too.. Do you now what that will

>make us.. CBers.. IT IS RADIO WELFAIR.. You dont want to work for it.. Hey
>you have a right to have it.. I want it FREE! Well if we make it so easy
>what have we got.. NOTHING.. not a damn thing! Like America its going to
>Hell in a hand basket..
>dumb it on down.. Packet is going and RTTY because they cant read.. Give
>them the paper..
>
>Rick <Rickhit@worldnet.att.net> wrote in message
>news:388923e9.2351827@netnews.worldnet.att.net...
>> On Thu, 20 Jan 2000 21:51:24 GMT, Cold@shower.org (Mr Cold Shower)
>> wrote:
>>
>> >
>> >
>> >I can Fart code at 5 WPM. Anyone who can't pass five wpm isn't trying to
>> >pass. You losers got your free government handout radio license and now
>> >you complain ham radio isn't Dumbed down enough for you. I guess you all
>> >want to get licensed as easy as you get your welfare checks. Why don't
>you
>> >whiners get together with your CB buddy's and suck up to the ARRL. Maybe
>> >they can fix things for you.
>> >
>> >Extra class, killed in action.
>>
>> When is this CRAP going to stop??? The new test requirements are
>> not welfare, you still have to study to pass the tests. Remember
>> welfare is a hand out. For Amateur Radio license to be a hand out it
>> would mean no testing at all and no charge for the license.
>>
>> The Code War is over so stop fighting it! If you think the FCC is
>> going to rase the code speeds up again forget it, it's not going to
>> happen. The return of the 13 and 20wpm requirement has a snowball's
>> chance in Hell of coming back.
>>
>> Rick KC2ESD
>
>

http://www.qsl.net/kf6foz/

318. Re: 5 WPM ain't a code test. was Re: Code Exam "Disability" Waivers

Newsgroup: rec.radio.amateur.space
Date: 2000-01-24 00:00:00 UTC
From: W5TIT/Kim <kw5tit@hotmail.com>
Message-ID: <C4D6168ABD86ABBE.BA56376114981061.1EEB5FBBB52CD652@lp.airnews.net>
Source record: 10402
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

kf6foz <cobrano-spam@budweiser.com> wrote in article
<388c6e98.9662893@news.thegrid.net>...
> This post is generally aimed at those who bitch too much....
>
>
> Ham Radio was dumbed down (In your terms) before anyone out here got
> there ticket and now everyone wants to bitch... Only ones dumbing it
> down are those that complain and say it will be like CB or say that
> CB'ers are gonna invade the bands. Get real!!! You keep speaking
> garbage like that and it will eventually happen and you would have
> ruined ham radio for eveyone. Could you live with that?
>

The real pity is, they could! Because it isn't THEIR ham radio any more. It has now evolved to something else other than what "they" had, so it can't be REAL ham radio! They don't care what happens now...

The great thing, that's fine and I hope we never, ever become as narrow sighted as them. Please, everyone who is a "young" ham, or even an "older" open-minded ham, please let's all remember these people when it's our turn to experience change! Let's remember this and conduct ourselves in a much more open minded way.

Kim W5TIT

319. Re: 5 WPM ain't a code test. was Re: Code Exam "Disability" Waivers

Newsgroup: rec.radio.amateur.space
Date: 2000-01-24 00:00:00 UTC
From: randas@mindspring.com
Message-ID: <86i1n6jsv1@nntp9.atl.mindspring.net>
Source record: 10403
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

Because I disagree with you..does that alone make me narrow sighted..?? If I was more like you would that make me open minded..?? At least you are right about one thing Kim..I really don't care anymore.

de Tim K0FL

W5TIT/Kim wrote in message ...
>kf6foz <cobrano-spam@budweiser.com> wrote in article
><388c6e98.9662893@news.thegrid.net>...
>> This post is generally aimed at those who bitch too much....
>>
>>
>> Ham Radio was dumbed down (In your terms) before anyone out here got
>> there ticket and now everyone wants to bitch... Only ones dumbing it
>> down are those that complain and say it will be like CB or say that
>> CB'ers are gonna invade the bands. Get real!!! You keep speaking
>> garbage like that and it will eventually happen and you would have
>> ruined ham radio for eveyone. Could you live with that?
>>
>
>The real pity is, they could! Because it isn't THEIR ham radio any more.
It
>has now evolved to something else other than what "they" had, so it can't
be
>REAL ham radio! They don't care what happens now...
>
>The great thing, that's fine and I hope we never, ever become as narrow
sighted
>as them. Please, everyone who is a "young" ham, or even an "older"
open-minded
>ham, please let's all remember these people when it's our turn to
experience
>change! Let's remember this and conduct ourselves in a much more open
minded
>way.
>
>Kim W5TIT

320. Re: 5 WPM ain't a code test. was Re: Code Exam "Disability" Waivers

Newsgroup: rec.radio.amateur.space
Date: 2000-01-24 00:00:00 UTC
From: W5TIT/Kim <kw5tit@hotmail.com>
Message-ID: <E3712287B87BFF38.0D512FEDCE348C22.8C4B95818159275F@lp.airnews.net>
Source record: 10404
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

randas@mindspring.com wrote in article
<86i1n6jsv1@nntp9.atl.mindspring.net>...
> Because I disagree with you..does that alone make me narrow sighted..?? If
> I was more like you would that make me open minded..?? At least you are
> right about one thing Kim..I really don't care anymore.
>
> de Tim K0FL
>

You don't have to think like me. You don't have to do anything for me. I just hope that as the future comes on for me and I have been a ham for a while, that I can be open-minded enough to accept change and certainly open-minded enough not to call people names and have opinions about them because they don't do something the way I did it. But, no, you don't have to do a thing for me...not at all. I consider you pretty narrow-sighted for your opinions, and I plan never to conduct myself like that, that's all.

Your posting and your time to think about these matters tells me you do care...

Kim W5TIT

321. Re: 5 WPM ain't a code test. was Re: Code Exam "Disability" Waivers

Newsgroup: rec.radio.amateur.space
Date: 2000-01-24 00:00:00 UTC
From: W6RCecilA <Cecil.A.Moore@IEEE.org>
Message-ID: <388CA2D7.FD3FDEA3@IEEE.org>
Source record: 10405
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

randas@mindspring.com wrote:
> At least you are
> right about one thing Kim..I really don't care anymore.

Too bad, Tim. Caring hams have always been the backbone of the ARS.
--
73, Cecil, W6RCA http://www.mindspring.com/~w6rca

322. Re: 5 WPM ain't a code test. was Re: Code Exam "Disability" Waivers

Newsgroup: rec.radio.amateur.space
Date: 2000-01-24 00:00:00 UTC
From: W6RCecilA <Cecil.A.Moore@IEEE.org>
Message-ID: <388CA418.8369C54A@IEEE.org>
Source record: 10406
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

BD wrote:
> ... "open minded" requires that you're willing to accept ALL changes?

When it's a done deal - unless you are willing to go to war with
the feds. Denying reality only hurts the one doing the denying.
--
73, Cecil, W6RCA http://www.mindspring.com/~w6rca

323. Amateur Space Communications?

Newsgroup: rec.radio.amateur.space
Date: 2000-01-24 00:00:00 UTC
From: "E. Skelton" <Xnospam@oceanfree.net>
Message-ID: <948749044.1538355430@news.indigo.ie>
Source record: 10407

Hello,

I just subscribed to this NG today. I set my news reader to
download the 50 most recent articles. Result:

5 Genuine Space Comms articles. One of these is an FS: but at least it's on
topic.

45 Spurious crap articles, mostly about the code/nocode debate.

Please Please Please! STOP posting such messages to this group.

I'll unsubscribe and try again in a few months.

73, Ed. EI9GQ.
--
Remove 'X' to reply by e-mail.

324. Re: Amateur Space Communications?

Newsgroup: rec.radio.amateur.space
Date: 2000-01-24 00:00:00 UTC
From: Erik van Bronkhorst <kc6uut@telebot.com>
Message-ID: <388CCD53.8E32F495@telebot.com>
Source record: 10408

"E. Skelton" wrote:

> Hello,
>
> I just subscribed to this NG today. I set my news reader to
> download the 50 most recent articles. Result:
>
> 5 Genuine Space Comms articles. One of these is an FS: but at least it's on
> topic.
>
> 45 Spurious crap articles, mostly about the code/nocode debate.

That's what your killfile is for. Get used to it.

>
>
> Please Please Please! STOP posting such messages to this group.
>
> I'll unsubscribe and try again in a few months.
>
> 73, Ed. EI9GQ.
> --
> Remove 'X' to reply by e-mail.

--
Erik van Bronkhorst

The machine does not isolate man from the great problems of nature
but plunges him more deeply into them.
-- Antoine de Saint-Exupery, 'Wind, Sand, and Stars.'

325. Re: Amateur Space Communications?

Newsgroup: rec.radio.amateur.space
Date: 2000-01-24 00:00:00 UTC
From: "Christopher W. Buckley" <cwbuckle@mtu.edu>
Message-ID: <86infkkup4@campus3.mtu.edu>
Source record: 10409

On Mon, 24 Jan 2000 19:37:48 +0000 , E. spewed forth to rec.radio.amateur.space:
:E S>I just subscribed to this NG today. I set my news reader to
:E S>download the 50 most recent articles. Result:
:E S>5 Genuine Space Comms articles. One of these is an FS: but at least it's on
:E S>45 Spurious crap articles, mostly about the code/nocode debate.
:E S>Please Please Please! STOP posting such messages to this group.
:E S>I'll unsubscribe and try again in a few months.

I wonder if this guy answers his phone or checks his mail anymore,
because of all the junk mail....

--
---- ---- ---- ---- ---- ----
Chris Buckley -- KC0DBY
finger: cwbuckle@mtu.edu for info.
"Tous les champignons se mangent, mais
il y'en a qui ne se mangent qu'une fois."
---- ---- ---- ---- ---- ----

326. Re: Amateur Space Communications?

Newsgroup: rec.radio.amateur.space
Date: 2000-01-24 00:00:00 UTC
From: Clifford Buttschardt <cbuttsch@slonet.org>
Message-ID: <Pine.GSO.3.95.1000124173032.11757D-100000@oso.slonet.org>
Source record: 10410

And that is exactly what happens when we allow all kind of participants
that think he or she knows what us old farts have done for years!!
Just because one owns a computer does not qualify one for common
sense or that matter, anything to do with the practical world. K7RR

On 24 Jan 2000, Christopher W. Buckley wrote:

> On Mon, 24 Jan 2000 19:37:48 +0000 , E. spewed forth to rec.radio.amateur.space:
> :E S>I just subscribed to this NG today. I set my news reader to
> :E S>download the 50 most recent articles. Result:
> :E S>5 Genuine Space Comms articles. One of these is an FS: but at least it's on
> :E S>45 Spurious crap articles, mostly about the code/nocode debate.
> :E S>Please Please Please! STOP posting such messages to this group.
> :E S>I'll unsubscribe and try again in a few months.
>
>
> I wonder if this guy answers his phone or checks his mail anymore,
> because of all the junk mail....
>
>
> --
> ---- ---- ---- ---- ---- ----
> Chris Buckley -- KC0DBY
> finger: cwbuckle@mtu.edu for info.
> "Tous les champignons se mangent, mais
> il y'en a qui ne se mangent qu'une fois."
> ---- ---- ---- ---- ---- ----
>
>
>

327. Re: Amateur Space Communications?

Newsgroup: rec.radio.amateur.space
Date: 2000-01-25 00:00:00 UTC
From: Christopher Cox <cobox@urec.net>
Message-ID: <01bf66f1$e84bdaa0$677f473f@cbx-nt>
Source record: 10411

Righto......

Lets merge all the newsgroups into one called 'posts' and let our local machines do all the sorting for us.

Given the current state of affairs, we already have this set up, right?

328. Re: 5 WPM ain't a code test. was Re: Code Exam "Disability" Waivers

Newsgroup: rec.radio.amateur.space
Date: 2000-01-25 00:00:00 UTC
From: dmoisan@shore.net
Message-ID: <388bcef8.28237817@news.shore.net>
Source record: 10412
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

On Thu, 20 Jan 2000 16:49:38 -0600, W6RCecilA <Cecil.A.Moore@IEEE.org>
wrote:

>Mr Cold Shower wrote:
>> I can Fart code at 5 WPM.
>
>If it's any more than a "dit" or "dah", we know why you
>are bent out of shape. Try Beano next time.

His wife is probably irritated by his key-down duty cycle.

Take care,

Dave

David Moisan, N1KGH, GROL n1kgh@amsat.org
Invisible Disability: http://www1.shore.net/~dmoisan/invisible_disability.html
GE Superradio FAQ: http://www1.shore.net/~dmoisan/faqs/superradio/gesr_faq.html
Sangean ATS-909 FAQ: http://www1.shore.net/~dmoisan/faqs/sangean/ats909faq.html

329. Microcom's Space Newsfeed - 23 January 2000

Newsgroup: rec.radio.amateur.space
Date: 2000-01-25 00:00:00 UTC
From: Mike Armstrong-Smith <mikeas@microcomsystems.co.uk>
Message-ID: <86js9f$l1g$4@gxsn.com>
Source record: 10413

MICROCOM'S SPACE NEWSFEED 23 January 2000
Space Industry News from Around the World

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Brought to you by Microcom Systems Ltd
Consultants in satellite communications since 1985
http://www.microcomsystems.co.uk

Publishers of the Handbook of Satellite Services in Europe
The definitive guide to European satellite communications and broadcast services. Extensive data on operators, services and service providers, satellites, technology, regulators and regulations in more than forty European countries. The most comprehensive sourcebook available on European satellite communications and broadcasting.
http://www.microcomsystems.co.uk/handbook.html

For the most extensive directory of space industry links on the web visit
http://www.microcomsystems.co.uk/links.html

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SATCOMS

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C$ 2 Million Order for IDC's SuperFlex Datacasting Equipment

International Datacasting Corporation (IDC) has received an order to supply approximately C$ 2 million worth of SuperFlex datacasting equipment to implement an Internet-via-satellite network that will serve China and other regions of Asia.

The SuperFlex network will deliver Internet content, at high speed via satellite, to more than one thousand Internet Service Providers (ISPs) located across the region. This is the first step in what is expected to be a large, multi-phase project for a client who wishes to remain anonymous for competitive reasons.

Ron Clifton, IDC's president & CEO, stated, "Internet-via-satellite networks make perfect sense in regions such as China. They provide quick infrastructure solutions for broadband distribution of Internet content over vast territories."

SuperFlex is a digital satellite networking system designed to distribute Internet services, multimedia data, streaming media, audio and video by satellite in point-to-multipoint applications. The system incorporates advanced technology using Digital Video Broadcasting (DVB), Internet Protocol (IP), SNMP, IGMP and MPEG international standards.

****

Comsat International Plans to Increase Internet and IP Services in 2000

Comsat International (CI), a business unit of Comsat Corporation, will continue to advance its business services with IP-based solutions in the year 2000.

CI will follow up on the successful inauguration of GlobalWay(SM), a fully interconnected IP-based regional network in Latin America in September 1999. GlobalWay(SM) allows major business centres throughout the Americas to communicate via direct connections, reducing expense, improving service and eliminating the need for some expensive equipment.

At the end of 1999, Universo On Line (UOL), Latin America's largest internet service provider (ISP), chose Comsat to provide essential information services including web hosting and web farming in Argentina and Mexico and Internet access services in Venezuela. In addition to providing Internet access in Latin America, UOL also has a Spanish Language Site, based in the United States, and serves the US Hispanic community. UOL provides more than four million pages of news, information, entertainment, e-commerce and services and averages more than two million visits daily. In these countries, the Comsat subsidiaries secured agreements to deliver Comsat web hosting and Internet access services to UOL. For each, Comsat developed country specific communications solutions and combined these with personalised customer support.

****

ESAT Teams with Devnet for Broadband Services

ESAT has anounced a strategic relationship with Devnet; the agreement will provide eSAT access to Devnet's world-class commercial office building customer base.

eSAT a broadband service provider and creator of satellite-based information delivery systems for businesses, governments, and educational institutions, has announced the intent to form a strategic alliance with Devnet LLC to provide broadband services to the tenants within Devnet's portfolio. Utilizing state-of-the-art telecommunications technology, Devnet serves building owners with complete management of their communications infrastructure by installing state-of-the-art networks with significant bandwidth, offering tenants cost-effective turnkey solutions. This strategic alliance will allow eSAT to market its services to Devnet customers as a primary or secondary single source vendor for high-speed connectivity, Internet access, as well as backup to landline infrastructure.

Customers will have access to eSAT's broadband solution for their applications needs, through the delivery of satellite broadband IP services and connectivity. Additionally, this will supply an effective business continuity measure to be used in the event of terrestrial failure.

eSAT's core products provide Internet access and networking services through its Global Satellite Internet (GSI) gateway and its recently introduced, Nexstream(TM) (bi-directional) solutions. eSAT's Nexstream(TM) provides organizations with an untethered, secure, transportable, cost-effective communications solution for facilities anywhere regardless of communications infrastructure. Additionally, eSAT's ChannelCasting(TM)(IP multicasting)

provides delivery for consistent, accurate, secure and reliable content instantaneously within an eSAT Virtual Private Network (VPN) or Private Network (PN).

****

Eutelsat Buys a Newbird

Eutelsat buys a new satellite to provide crucial capacity for back-up and expansion

Eutelsat's new satellite will satisfy crucial requirements for back-up and to enable expansion of digital services in existing and new markets. Provisionally called Newbird, the satellite will be equipped with 26 Ku band transponders in the FSS band that are switchable into three coverage areas - a Widebeam over Europe, a beam that reaches North and South America and a steerable beam. Due to be delivered to Eutelsat by Alcatel Space in a record 16-months, the satellite will be available in orbit in mid-2001.

Subject to the successful upcoming launches of Eutelsat's W1, Eurobird and SESAT satellites, Newbird will go into full commercial service at 8° W, at which point it will be named Atlantic Bird 2. It will assume continuity of services currently routed by Telecom 2A's 11 Ku-band transponders as well as open opportunities for services to new regions via its additional 15 transponders and considerably enlarged coverage options. It will also complement capacity on the Telecom 2D satellite whose Ku-band payload will be made available to Eutelsat customers at 8 degrees West in the second quarter of this year following an extension of the agreement reached in 1999 with France Telecom.

Eutelsat's new satellite and Telecom 2D will together provide 37 Ku-band transponders from 8 degrees West, which will be developed into a new multi-satellite position for Eutelsat.

****

Globalstar Completes N American Gateways

Gateway in High River, Alberta Signals Completion of Ground Segment for Globalstar Service in the United States

Globalstar USA, in conjunction with Globalstar Canada, has announced the completion of its gateway based in High River, Alberta, Canada. The end of construction on the gateway marks the completion of the ground stations serving the United States and Canada on the Globalstar system. The two other gateways are located in Clifton, Texas and Smiths Falls, Ontario.

Globalstar USA is on course to introduce full commercial service in the United States by the end of the first quarter of this year

Each Globalstar gateway receives signals from orbiting satellites, processes calls, and switches signals to the appropriate landline or cellular network. Strong encryption helps ensure voice and signalling security for each transmission. Globalstar gateways are owned and managed by Globalstar's

local and regional service providers around the world. In the United States, Globalstar USA, an indirect subsidiary of Vodafone AirTouch Plc., owns and operates the gateway in Clifton, Texas. In Canada, Globalstar Canada, a partnership of Canadian Satellite Communications (Cancom), Loral Space & Communications and Vodafone Airtouch Plc., owns and operates the gateways in High River, Alberta and Smiths Falls, Ontario. Globalstar's North American gateways cover the following geographic areas:

- High River, Alberta - covering W Canada and the NW United States

- Smiths Falls, Ontario - covering E Canada and the NE United States

- Clifton, Texas - covering the United States

****

Infonet Supplies Nestl&#65533;'s Multimedia Network

Infonet Services Corp has deployed a state of the art data and voice network for Nestl&#65533; using satellite and terrestrial technology. The network covers North, Central and South America, and the Caribbean.

The contract is valued by Infonet at US$8 million over its four-year duration and is in addition to services already provided to Nestl&#65533;. Nestl&#65533; needed a flexible network to link its existing domestic networks in the Americas and complete and consolidate its international telecommunications. Nestl&#65533; requested vendors to propose end-to-end telecommunication services including transport of data, voice, video and Internet/intranet facilities according to predefined quality-of-service requirements. While local needs and available infrastructure are highly varied across the Americas, Nestl&#65533; demanded an IP protocol-based network solution capable of providing consistent services throughout the region. To meet this demanding requirement, Infonet designed a combination of its terrestrial and VSAT Connect services to provide globally managed IP services and regional Global Multimedia Services to provide a low-cost, voice-on-data solution over the satellite links in the higher-cost Latin and Central American countries. Infonet manages customer support through its local office network with 24-hour global back up.

The terrestrial network is already operational in Argentina, Brazil, Canada, Chile, Colombia, Ecuador, Mexico, Puerto Rico, the United States and Venezuela, all connected to the Swiss headquarters. The second phase of satellite service deployment is well underway and, when complete, will include Nestl&#65533; facilities in Bolivia, Costa Rica, Dominican Republic, El Salvador, Guatemala, Honduras, Jamaica, Nicaragua, Panama, Peru, and Trinidad and Tobago. The data and voice networks are already operational in more than half of these countries, with voice cost savings already making a useful return on the network investment. "Infonet's solution delivers seamless networking at a reasonable cost -- despite the disparity in telecommunications infrastructure between the industrialised and developing countries within the region," said Jean Claude Dispaux, senior vice president of Group IS and Logistics for Nestl&#65533;. "The scalability of the

solution is guaranteed even in countries with poor public telecommunication infrastructure, and independently of how this local infrastructure develops.
The same approach may be applied to other regions within Nestl&#65533;'s world-wide organisation."

****

Intelsat LLC Files for US Licenses

Intelsat LLC, recently created as a result of Intelsat's on-going privatisation efforts, has filed a consolidated application with the US FCC for authority to operate Intelsat's C and Ku band global satellite system. The application seeks U.S. licenses for 17 in-orbit satellites, 10 replacement satellites, and 13 orbital redeployments.

The filing of the application for US licensing of the Intelsat system addresses a critical element of Intelsat's plan to privatise by 1 April 2001. Intelsat, as an intergovernmental entity established by international treaty, currently is not directly licensed by the FCC or its counterpart in any other country. In connection with Intelsat's privatisation, the orbital positions and frequencies now registered internationally for Intelsat's use will become part of a national registry and licensed to Intelsat's private successor company.

The Intelsat Board preliminarily selected the United States as a candidate licensing jurisdiction for the privatised entity. The application for US licensing is contingent upon the transfer of Intelsat's orbital registrations to the US registry and its existing satellite assets to Intelsat LLC.

****

New Bird for Intelsat

Intelsat has decided to buy a next-generation satellite from Matra Marconi. The new bird will be named Alpha.

This marks a change in policy for Intelsat, which usually orders its satellites from US manufacturers.

Intelsat Alpha will cover a service area that includes the N America, W Europe and some of S America, using four C-band beams and two Ku-band spot beams to provide a mix of Internet distribution, TV, corporate networking and telephony services.

The satellite will cost more than US$ 100 million and will have a lifetime of 13 years. It will be based on Matra Marconi's Eurostar 3000 bus. Launch is scheduled for 2002.

****

New Wireless Licences in Hong Kong

The Hong Kong Telecommunications Authority announces the winners of five fixed wireless licenses and twelve licenses for long-distance services via satellite.

The Telecommunications Authority invited applications for fixed licenses to provide local fixed services using wireless networks in May last year and received 14 proposals. However, due to the restricted amount of bandwidth available, it decided to issue only five licences. The five winners are: New license holders are: PSINet Hong Kong Ltd., a subsidiary of US Internet carrier PSINet Inc; HKNet-Teligent Company Ltd; Hong Kong Broadband Network Ltd; Eastar Technology Ltd; and SmarTone Mobile Communications Ltd.

According to the Information Technology and Broadcasting Bureau the five winners have committed to a total investment of US$ 360 million over the next three years.

There were 20 applicants for satellite licenses which allow the holders to offer services via satellite internationally. Licenses were allocated to the 12 companies which met the required criteria: Hutchison Telecommunications Technology Investment Ltd; NTT Com Asia; Pacific Century Matrix (HK) Ltd; PSINet Hong Kong LTD; Teleglobe Hong Kong Ltd; China Digital satNet Ltd; Asia Satellite Telecommunications Co Ltd; CTI International Ltd; Million Point Technology Ltd; Far East Gateway Ltd; Galaxy Satellite Broadcasting Ltd; and SmarTone Mobile Communications Ltd.

Hong Kong's telecoms market was officially opened up to companies using their own infrastructure and satellite facilities on January 1st. Up to this date Cable & Wireless HKT Ltd had a monopoly on the gateway in and out of Hong Kong. Competition for national voice calls began on 1 January 1999.

****

Teleglobe - Teleport Operator of the Year

Teleglobe chosen as Teleport Operator of the Year by World Teleport Association

The World Teleport Association (WTA) has chosen Teleglobe as the winner of its annual Teleport Operator of the Year award. According to WTA's New York headquarters, Teleglobe was selected on the basis of the expansion and success of its three operating teleports (44 antennas) resulting from the unprecedented growth of its Internet and content delivery business. Teleglobe will be recognized for this achievement at the Fifth Annual Teleport Awards for Excellence on February 3rd at Satellite 2000, an annual Washington, D.C. satellite industry trade show and conference.

Teleglobe is the world's largest provider of satellite-based Internet connectivity, with Internet Service Providers (ISPs) in more than 70 countries connected to its backbone via satellite. Teleglobe also supports more than 150 Internet content providers and television broadcast networks.

Teleglobe has also announced that it is building upon its base of 44 antennas by investing $16 million in the deployment of four new antennas in the Caribbean and Latin America together with the expansion of its North

American backbone antennas. Necessitated by the unprecedented growth of Teleglobe's Internet backbone access business, the new antennas are being constructed in Buenos Aires (Argentina), Panama City (Panama), Rio de Janeiro (Brazil) and San Juan (Puerto Rico) and will be operational by the middle of 2000. The investment is part of Teleglobe's US$5 billion GlobeSystem(sm) network expansion plan.

Internet traffic over Teleglobe's satellite network has become a forceful growth engine over the past year. Within the past year, revenues attributed to Teleglobe's Internet business have grown more than 120 per cent, while the company's customer base has more than doubled. Today, 95% of the new satellite circuits installed are devoted exclusively to carrying Internet traffic. Teleglobe currently operates three North American teleports - Lake Cowichan, Pennant Point and Des Laurentides. These stations are linked to Teleglobe's GlobeSystem(sm) network, one of the largest broadband telecommunications networks in the world. Teleglobe also is an INTELSAT Signatory, has access to all major satellite systems, and is currently the only North American carrier with access to EUTELSAT.

****

Titan and Satellite Terminal Access to Provide French Multimedia Terminals

Titan announces strategic agreement to develop satellite based internet terminal for France Telecom.

The Titan Corporation, a provider of satellite telephony systems and services, has announced an agreement with Satellite Terminal Access (STA), a French developer of multimedia access terminals, to develop a low cost satellite-based Internet communication terminal. STA selected Titan Wireless, Titan's wholly-owned subsidiary, as its strategic partner following STA's selection by France Telecom to develop a low cost terminal for the company's planned satellite-based consumer broadband service. France Telecom's service is expected to provide an alternative to traditional Internet offerings such as cable modems and DSL.

Attaching to a computer or television through a set top box, the new terminal is expected to offer Internet services to residences with downstream speeds of 2Mb/s and upstream speeds of 64 kbps. The prototype development is expected to be completed by midyear at which time roll out of the first 1000 terminals is expected to begin. The new terminals will also be backwards compatible with all Titan gateways and network operating controls.

Under the terms of the agreement with STA, Titan expects to receive royalties on all products sold which incorporate the jointly developed technology, direct distribution rights in specific markets, and the exclusive right to use and sell all STA products in North America. As part of the agreement Titan will also acquire a 10 percent minority ownership interest in STA, providing Titan with another opportunity to participate in any future revenue stream associated with the sale of STA products. In addition, Titan has the option to acquire an additional 9.9 percent

ownership interest in the future.

****

Worldspace Awards Business System Contract

Stanford Telecommunications a designer, developer and manufacturer of communications systems for both satellite and terrestrial communications applications has signed a contract, initially valued at US$2.6 million, with satellite radio provider WorldSpace Corporation to design, develop, implement, and deploy the WorldSpace Business System (WSBS).

The WSBS will be the foundation of business operations for the WorldSpace network, a digital multi-media satellite broadcasting service to the emerging and underserved regions of the world. The WSBS will offer a complete line of business operations functions: Advertisement Sales and Traffic Management, Channel Leasing, Marketing and Pre-sales Support, and Subscriptions Service Management.

The Stanford Telecom team, which includes Sideout Technologies and Skjei Telecom, will assist in determining the needs of the WorldSpace Sales and Marketing operations, and developing the business system to serve those needs. This effort will involve the integration of commercially available software products with custom-built software to create an Internet-based business system.

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SCIENCE

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Compton Gamma Ray Observatory to be De-Orbited

NASA is preparing to destroy one of its most expensive and productive science satellites after a recent gyro failure left the satellite in a potentially unsafe condition.

The 15,876 kg, US$600 million dollar observatory may be brought out of low earth orbit in a controlled fashion, falling in the Pacific Ocean in March because of the high risk of injury to humans if it is left to decay naturally. The problem is the massive metallic parts contained in the observatory which are expected to survive re-entry. NASA has been aware of this eventuality since the satellite was launched and has kept more than a 1000 kg of fuel on board for a controlled descent at the end of the satellite's life.

When the satellite does crash to Earth the debris field will be large - some 26 by 1552 km according to NASA estimates. If the decay is uncontrolled there is also an estimated 1 in a 1000 chance of human injury. If NASA does lose control of the satellite then it will not decay naturally from its 515 km orbit until, probably, some time in 2007.

The Observatory was launched on 5 April 1991 on the Shuttle Atlantis with a projected life of two years, though project scientists hoped for six years of observations. Apart from minor problems with its thrusters and tape recorders the satellite has performed well and was expected to have several years more useful observing life until a gyro failure on December 6 called a halt. The satellite can still accurately point with the two remaining gyros, but the loss of another one would make the satellite useless and impossible to orient the satellite correctly for a controlled descent.

NASA engineers are currently working on ways to use the onboard instruments to steer the satellite and allow a safe de-orbit should a second gyro fail. If these work-around solutions are practical, NASA will keep the satellite in orbit until only one gyro remains operational. If not, NASA will try to bring the satellite to Earth safely in the Pacific near Hawaii on March 14.

Although the Observatory was designed to be serviced by the Shuttle NASA is not planning such a mission. A repair mission would take a year to plan and prepare and, furthermore, the satellite's fuel lines are thought to be leaking making a repair mission unsafe.

****

NASA Gives Up Communications with Mars Polar Lander

The Mars Polar Lander flight team has ended all attempts to regain communications with the spacecraft.

The final set of planned commands were sent on January 6 to place the spacecraft in UHF safe mode. Since then NASA's JPL has held a series of relay communications sessions using Mars Global Surveyor to listen for the lander around the clock. These attempt have now ended along with NASA's hopes of recovering the US$ 165 million spacecraft after a month of searching.

Mars Global Surveyor continues to perform special targeted observations of the Mars Polar Lander landing site in the hope of imaging the lander or its parachute. No evidence of the spacecraft has been sighted so far and these attempts will continue until early February. The spacecraft team is now involved in in depth analysis of terrain hazards within the landing footprint in support of the JPL Mars Polar Lander/Deep Space 2 Failure Review Board.

Along with the Mars Polar Lander, two Deep Space 2 surface penetrator probes have also not been heard from since contact was lost with the lander. The Deep Space 2 probes were due to be deployed from the Mars Polar Lander during its descent to the Martian surface and were to have landed several kilometres from the main spacecraft. Speculation has centred around potential hardware failures which would have prevented deployment of the two probes and which would have caused the lander to crash into the surface and into the roughness of the Martian surface in the landing area which may have made it impossible for any of the spacecraft to land safely.

****

NASA Selects TRW for Rapid II Program

TRW Inc has been selected to participate in a National Aeronautics and Space Administration (NASA) Goddard Space Flight Center program designed to streamline the acquisition of small- and medium-class satellites for space science, Earth science and advanced technology missions.

The Rapid Spacecraft Acquisition program, known as Rapid II, features a catalogue of satellite core-systems that can be acquired by NASA or any government agency using commercial procurement practices. By matching missions with pre-selected spacecraft, NASA offers scientific customers quicker and more affordable access to space.

The Rapid II catalogue features three spacecraft from TRW's family of lightweight spacecraft and includes derivatives of both the Total Ozone Mapping Spectrometer-Earth Probe built for NASA, which has exceeded its specified design life by 75 percent and continues to provide critical data on the earth's ozone layer; and ROCSAT-1, built for the Republic of China for scientific and earth remote sensing missions.

As NASA identifies missions, catalogue participants will be given an opportunity to compete for providing the spacecraft. All mission specific spacecraft will be awarded under firm, fixed-price orders, with delivery expected between 18 and 36 months after placement of the delivery order. Inclusion in the Rapid II catalogue enables TRW to bid for contracts with a potential cumulative value of $1.5 billion over the five-year contract period.

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MANNED SPACE

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New Payload Transporters for KSC

NASA's long wait for a pair of new transporters for Shuttle payload canisters finally ended as they arrived by barge on Monday, January 17 from their manufacturer, the KAMAG Transporttechnik, GmbH, of Ulm, Germany.

The transporters, which carry spacecraft and International Space Station elements from payload facilities to and from the launch pads and the orbiter hangars, completed the process of a long-term analysis for the need for payload transporters to support Space Shuttle programs well into the new millennium.

Now that the transporters have arrived at KSC, engineers and technicians are being trained on its operation and maintenance. Each payload canister transporter is 65 feet long, 22 feet wide and has 24 tires divided between its two axles. The transporter travels 10 miles per hour unloaded, 5 miles per hour when loaded and weighs up to 172,000 pounds when the canister with payloads rides atop. The transport can hold up to 500 gallons of diesel fuel.

The transporters will be "outfitted" to support Space Shuttle payload launch activities. The outfitting includes adding various subsystems to the transporters for monitoring the environment inside the canister during the payload moves. The four main subsystems for the transporter include electrical power, environmental control, instrumentation and communications and fluids and gasses. The last of the two systems will be removed from the existing payload transporters, refurbished and installed on the new transporters. The other systems will be manufactured new.

The first use for one of the new transporters is anticipated to this summer.

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Private Funds for Mir

The Russian Aviation and Space Agency (RAKA) has accepted a proposal by Energia to send two or three, people to Mir at the end of March. The mission has also received approval of the Russian government.

The proposed crew would consists of two cosmonauts with, perhaps, an actor. Cosmonauts Alexander Kaleri and Sergei Zaletin would spend at least 45 days on Mir. It is not clear what tasks would be performed by the crew - Energia want Mir refurbished for further long term habitation whereas the RAKA want to prepare Mir for controlled de-orbiting.

The third possible crew member is Russian actor Vladimir Steklov who has been in cosmonaut training since last year, preparing for a possible flight to film scenes for a movie about a cosmonaut unwilling to abandon a space station.

Whatever the mission's purpose, it must be supported by funds provided by Energia. The Russian government does not want to spend money on Mir, but wants to concentrate its resources on its commitment to the International Space Station. The government is, however, prepared to allow Energia to use boosters and cargo ships previously allocated to the International Space Station to cover government debts to Energia.

Energia has announced that Gold and Appel, a venture capital company based in the Cayman Islands, will provide US$ 20 million to the mission to Mir. US$ 7 million has already been transferred to Energia, with the rest due prior to launch. Gold and Appel is backed by American businessman Walt Anderson who made his fortune buying and selling telecommunications companies following the break up of AT&T. The Cayman Island company reportedly want to lease Mir for use by space tourists as well as using it as a commercial laboratory and for advertising gimicks. It also hopes to add further modules to the station.

Previously Energia had already agreed to pay for the January 31 launch of an unmanned Progress cargo spacecraft to Mir in the hope of encouraging foreign investors. This mission will boost Mir into a stable orbit to prevent its early decay and will re-supply the station with 150 kg or compressed air.

A report on the benefits and costs of potential commercial uses of Mir is currently being prepared by California aerospace company StarGate Research

Laboratory. The report is due to be published at the end of this month.

NASA is already complaining that continued support of Mir will take effort and resources away from the International Space Station causing yet more delays and will further inflate the cost. Energia are still promising that the delayed launch of the Russian-built living quarters for the ISS will take place at the end of July.

****

LAUNCHES

****

DSCS III B8

Launched: 21 January 2000
Site: Kennedy Space Center, Florida, USA
Launcher: Atlas 2A
International Number: 2000-001A
Name: DSCS III B8

The Defense Satellite Communications System (DSCS) III B8 spacecraft, the first of four remaining super high-frequency communications satellites to feature Service Life Enhancement Program (SLEP) upgrades, will provide improved, uninterrupted, secure voice and high-data rate communications to its Department of Defense (DoD) and national security users.

Lockheed Martin Missiles & Space will supply three more of these satellites to the U.S. Air Force Space and Missile Systems Center, Los Angeles Air Force Base, Calif., over the next year.

The 1,042 kg DSCS III SLEP satellites carry 50W TWTAs and have solar arrays that generate 1700W.

The next DSCS III launch is tentatively scheduled for October 12, 2000, from Cape Canaveral Air Station.

****

Launch Schedule

January 25: Galaxy XR on an Ariane 4 from Kourou, French Guiana
January 27: Russian military satellite on a Soyuz from Baikonur, Kazakhstan (also test of Fregat upper stage)
January 28: High Energy Transient Explorer (HETE-2) on a Pegasus XL from Kwajalein Missile Range, Pacific Ocean
January 28: JAWSAT, FalconSat, ASUsat-1 and OPAL (with picosats) multi-satellite payload on a Minotaur from Vandenberg Air Force Base, California
January 31: Progress-M1 refueling ship to the Russian space station Mir on a Soyuz from Baikonur, Kazakhstan
January 31: Shuttle Radar Topography Mission on space shuttle Endeavour (STS-99) from the Kennedy Space Center, Florida

February 3: Hispasat 1C on an Atlas 2AS from Cape Canaveral Air Station, Florida
February 6: Globalstar 7 on a Delta 2 from Cape Canaveral Air Station, Florida
February 8: MTI on a Taurus from Vandenberg Air Force Base, California
February 8: Astro-E on an M-5 from Kagoshima Space Center, Japan
February 8: DSP Payload on a Titan 4B from Cape Canaveral Air Station, Florida
February 11: Superbird 4 on an Ariane from Kourou, French Guiana
February 15: IMAGE on a Delta 2 from Vandenberg Air Force Base, California
February 28: ICO F1 on a Sea Launch Zenit 3SI form the Odyssey platform, equatorial Pacific Ocean
March: AsiaStar and Insat 2B on an Ariane from Kourou, French Guiana
May: Galaxy 4R on an Ariane from Kourou, French Guiana
August: Zvezda Service Module (ISS flight 1R) on a Proton from Baikonur, Kazakhstan

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BUSINESS

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Boeing Buys Hughes Space and Communications

Hughes Electronics has sold its satellite systems business to Boeing this week in a multi-billion deal, the two companies announced Thursday.

Under the agreement Hughes will sell Boeing the Hughes Space and Communications Company, which builds communications satellites, along with subsidiaries Hughes Electron Dynamics and Spectrolab, which develop electronic components and solar panels, respectively. Boeing will pay US$ 3.75 billion in cash for the companies.

The deal will allow Hughes to restructure itself to focus on becoming solely a services provider and develop new broadband wireless communications, and give Boeing the ability to become a full-service space company by selling both launch vehicles and spacecraft.

Michael T. Smith, chairman and CEO of Hughes said the company will use the proceeds of the sale to support the development of new initiatives, including its satellite- based Spaceway broadband wireless system under development, and become what he called a "serviced-based communications provider."

The sale is part of a larger restructuring that also includes the discontinuation of some of Hughes' cellular phone and other wireless product lines and a reorganisation of the roles of some of its top executives.

Hughes Space and Communications and the other companies purchased by Boeing will be organized into a business unit called Boeing Satellite Systems. Tig Krekel, the current president of Hughes Space and Communications, will lead the new Boeing unit.

The acquisition will allow Boeing to become a more integrated space services provider, selling both satellites and the launch vehicles that place those satellites into orbit.

****

Cidera Opens New Offices

Cidera (formerly SkyCache), has opened new offices in London, UK and San Diego, USA.

Cidera first established a marketing and sales presence in Europe in October 1999 to grow awareness of its satellite broadcast technology, which is expected to save ISPs, content providers and other corporations time and money by providing high-speed broadcast of Internet data such as Usenet News, live streaming media and massive files. In addition to more than 200 customers in the U.S., the company has already accumulated over 50 ISP customers in Europe and has now assigned several key employees to its London office to establish Cidera as a leading datacasting company in Europe.

Cidera's new San Diego office will work in conjunction with the company's office in the San Francisco Bay Area to deploy its broadcast- quality content delivery service to new international markets.

****

Picknet Sold, Picksat Not for Sale

PICK Communications Completes Sale of PICKNET Telecommunications Subsidiaries and Terminates Proposed Sale of PICKSat

PICK Communications Corp a provider of satellite-based broadband Internet services, today announced that it had completed the pending sale of its telecommunications subsidiaries B PICKNET and PICKNET UK (collectively, PICKNET), to Lebow Investment Ltd., a Middle East controlled investment company.

Lebow acquired 100 percent of the capital stock of PICKNET and assumed over US$ 10 million of outstanding debt of PICK. PICK will now able to focus on its two remaining Internet subsidiaries, PICKSat which provides broadband high speed access to the Internet through Cable Television providers in Latin America and PICK Online which provides radio and video streaming content to broadband networks in the USA and Latin America.

PICK also announced, that it has terminated negotiations to sell 80% of the stock of PICKSat, through a previously announced signed letter of intent.

****

Scientific Atlanta Sells Satellite Networking Arm to ViaSat

Scientific-Atlanta has agreed to sell its satellite networking business to ViaSat in a US$ 75 million cash transaction.

The acquisition includes Scientific-Atlanta's product lines for broadband satellite network gateways, data transactions, telephony, mobile asset

tracking, automated meter reading, remote monitoring, and space imaging; its manufacturing facility for satellite antennas ranging from 3.6 to 18 meters in diameter, as well as its satellite network operations centre.

ViaSat expects to finance the acquisition through an offering of debt or equity securities. The transaction is subject to various regulatory and other conditions and is expected to close within 120 days.

The transaction will enable Scientific-Atlanta to focus exclusively on its core business in broadband communications technology for new digital interactive services to consumer homes.

ViaSat expects to more than double its revenues, with a majority of sales in commercial markets following the transaction. ViaSat will becomes a leading independent supplier of satellite ground networking equipment, and will increase the resources it can apply to the emerging broadband-on-demand satellite ground equipment and services industry.

Nearly all of the employees of the Scientific-Atlanta Satellite Networks business will be offered positions with ViaSat.

ViaSat will also receive a contract to study the benefits of combining Scientific-Atlanta's PowerVu digital video compression system with ViaSat patented Paired Carrier Multiple Access (PCMA) to build an enhanced two-way satellite interactive television system. The system would offer digital television along with a low-cost interactive satellite return channel overlaid onto the same broadcast transponders. If successful, this concept would establish an economical method of offering two-way digital interactive direct-to-home TV services via satellite without requiring a separate dial-up telephone connection for the return path from the viewer.

****

SpaceDev Files

SpaceDev Files SEC Form 10-SB to Become a Fully Reporting Company; Firm Taking Necessary Steps to Advance to NASDAQ Small Cap Market

SpaceDev Inc, the world's first commercial space exploration and development company, announced that it has filed a Form 10-SB registration statement with the Securities and Exchange Commission (SEC) to become a fully reporting company, one of the necessary steps the company must take to advance from the OTC Bulletin Board (OTCBB) to the NASDAQ Small Cap market.

SpaceDev offers low cost commercial lunar, Mars and asteroid missions for sale as turnkey commercial products, a first for the industry. Also a first, SpaceDev offers fixed-price package delivery for science instruments and technology demonstrations into earth orbit, deep space and to other planetary bodies. SpaceDev designs and sells small, low-cost Earth-orbiting commercial or research satellites. The company is currently designing small, inexpensive orbital transfer vehicles (e.g. satellite inspectors and space tugs), and secondary payload micro-kick motors. SpaceDev has acquired hybrid sounding rocket, motor, and launch vehicle designs, and intellectual

property rights produced by the former American Rocket Company (AMROC).

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PRODUCTS AND SERVICES

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Epson's Card PC Space Bound

Epson Card-PC makes trip on space shuttle as a single board controller for spaceflight payloads

Epson Electronics America Thursday announced it has tackled the next frontier -- Space -- with one of its Card-PC products. After successfully withstanding radiation testing at the Indiana University Cyclotron Facility, the CARD-PC/486D4 was selected to serve as the "engine" of the Boeing Single Board Controller (SBC) which has been developed for experiments on platforms including the Space Shuttle and International Space Station (ISS). The Epson CARD-PC underwent strict pre-flight performance evaluations that included tests of launch vibration tolerance and payload electro-magnetic interference before completing its first space mission aboard Space Shuttle Columbia in July 1999 (STS-93). Functioning as a full 486 CPU, the Boeing SBC provides command, control and data handling for payloads. It is a low-cost unit designed specifically to meet the stringent requirements of most non mission-critical Shuttle and ISS applications, using advanced commercial-grade components that have been tested thoroughly in flight environments to ensure reliability.

The ISS payload operations are supported by an on-board data communications network that has provisions for mass data storage, crew monitoring and interaction, and ground uplink/downlink. With the large number of active systems that will operate simultaneously on the ISS, NASA is finding it advantageous to have the internal functions of systems regulated by dedicated, embedded controllers that are linked to the network.

The CARD-PC/486D4 is an upgradable, integrated processor containing a CPU, DRAM, flash BIOS EEPROM, I/O ports, video controller and other functions of a PC motherboard in a compact unit measuring a mere 86 x 54 x 7.5 mm.

****

Globalstar Launches Mexico Service

Globalstar has begun offering its global satellite telephone service to users throughout Mexico.

Globalstar de Mexico is making the new service available initially through telephone orders and will be announcing its full dealer network later this month. Service is being introduced on a preliminary basis while the company finalises testing of its local gateway and completes dealer training. Full commercial service is expected to be initiated in February.

The Globalstar system is designed to provide affordable satellite-based digital voice services to a broad range of users. Globalstar de Mexico will also offer fixed phone units which can be used in remote communities to provide telephone services that, in many cases, were never available before.

Globalstar service will be supported in central and southern Mexico through its gateway in San Martin Texmelucan Puebla, and across the northern part of the country out of the Globalstar gateway in Clifton, Texas.

Globalstar de Mexico, founded in 1996, is a joint venture between the Mexican holding company Principia, S. de R.L., Loral Space & Communications and Vodafone AirTouch.

****

Tachyon Introduces Broadband Service

Tachyon will use Satmex 5 to offer two-way satellite Internet communication services. Tachyon claims to operate the only high- performance satellite Internet system providing a satellite uplink in addition to a satellite downlink.

Tachyon will lease transponders on Satmex 5 through the year 2005 with an option to increase its capacity as demand for their advanced technology increases.

Tachyon.net is now able to reach everywhere within the Ku 1 footprint of Satmex 5, covering the United States, Mexico, Guatemala, parts of the Pacific Ocean and the Caribbean. Service in Europe will begin within the month and Tachyon will provide service around the world by mid-2001.

Tachyon.net provides its high-performance, two-way satellite connections using an easily installed one meter dish at a subscriber s premises offices, factories, schools and so on linked directly to the subscriber s internet service provider (ISP). Unlike other fast internet technologies, with Tachyon, there is no need to wait for the construction of terrestrial infrastructure.

Tachyon will be the first provider of truly global high-performance internet links. Data rates range from 300 kb/s to 2 Mb/s. Tachyon is completely consistent with TCP/IP protocols at each end, and subscriber organisations can mix Tachyon service with existing Internet services. Tachyon is guaranteeing installation of the required subscriber equipment within 10 business days of orders.

Costs are quoted as US$ 4,000 per location with a US$ 470 to US$ 1,500 per month service charge. This price is expected to be reduced in the next three years to US$ 1,000 per location with a US$ 100 per month service charge.

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PEOPLE

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Boardroom Changes at PanAmSat

Jack A. Shaw, corporate senior executive vice president of the Hughes Enterprise Sector of Hughes Electronics Corporation, has joined PanAmSat's board.

Charles H. Noski, former president and chief operating officer of Hughes, stepped down from the board upon his departure from Hughes in December 1999.

Frederick A. Landman, former president and chief executive officer of PanAmSat, resigned from the board for personal reasons in January 2000.

****

Teledesic Adds to Technology Team

Teledesic Strengthens Technology Team with Senior Additions from Hughes

Teledesic LLC has strengthened its technology team by adding Bob Day as vice president of space technology and Paul Regulinski as vice president of systems technology.

Day is responsible for the technical design and implementation of the satellites and satellite control centres for the Teledesic Network.

Regulinski is responsible for the system definition and technology trades associated with the telecommunications infrastructure of the Teledesic Network.

****
****

Notes for press and media officers:

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330. Re: 5 WPM ain't a code test. was Re: Code Exam "Disability" Waivers

Newsgroup: rec.radio.amateur.space
Date: 2000-01-25 00:00:00 UTC
From: randas@mindspring.com
Message-ID: <86k3oegtl1@nntp5.atl.mindspring.net>
Source record: 10414
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

Maybe if you weren't so "narrow minded" Kim..you would save your deep
insight for people you know and have met/talked to before.

de Tim K0FL

<<Kim..the ham radio operator typed with her wittle fingers..>>

> I consider you pretty narrow-sighted for your opinions, and I plan
>never to conduct myself like that, that's all.
>
>>
>Kim W5TIT

331. Re: 5 WPM ain't a code test. was Re: Code Exam "Disability" Waivers

Newsgroup: rec.radio.amateur.space
Date: 2000-01-25 00:00:00 UTC
From: randas@mindspring.com
Message-ID: <86k4e2lfe1@nntp5.atl.mindspring.net>
Source record: 10415
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

I have alot of time and effort invested in ham radio Cecil. I love it as much now as I ever did. I'm just tired of all the pissing and moaning. Restructuring is a done deal..there isn't a damn thing me or anyone else can do about it. If I have an opinion
that "tit" doesn't like..I'm a bad guy...well piss on her and anyone like her. If she/they take that attitude to the HF bands they are digging their own graves. When the "narrow minded" "old farts" don't listen to their crap..it'll start a war on HF that'll make 14.313 and 3.950 look like preschool.

de Tim K0FL

W6RCecilA wrote in message <388CA2D7.FD3FDEA3@IEEE.org>...
>randas@mindspring.com wrote:
>> At least you are
>> right about one thing Kim..I really don't care anymore.
>
>Too bad, Tim. Caring hams have always been the backbone of the ARS.
>--
>73, Cecil, W6RCA http://www.mindspring.com/~w6rca

332. Re: 5 WPM ain't a code test. was Re: Code Exam "Disability" Waivers

Newsgroup: rec.radio.amateur.space
Date: 2000-01-25 00:00:00 UTC
From: "W5TIT, Kim Walker" <kw5tit@hotmail.com>
Message-ID: <4E22AE210A4490A1.36A9490566200EF4.8EC936A0C694296C@lp.airnews.net>
Source record: 10416
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

BD wrote:
>
> And your reply had nothing at all to do with what I was saying (when taking
> in context with what I replied to)...
> TITty was saying that you should never complain about changes.. I've not
> even marched in front of the FCC over this change, btw, but that doesn't
> mean I have to like it in order to be "open minded"...
>
> "W6RCecilA" <Cecil.A.Moore@IEEE.org> wrote in message
> news:388CA418.8369C54A@IEEE.org...
> > BD wrote:
> > > ... "open minded" requires that you're willing to accept ALL changes?
> >
> > When it's a done deal - unless you are willing to go to war with
> > the feds. Denying reality only hurts the one doing the denying.

And you, COCKy, place way too much misinterpretation into my words. But
you are an over-reactor, aren't you...

Kim W5TIT

333. Re: 5 WPM ain't a code test. was Re: Code Exam "Disability" Waivers

Newsgroup: rec.radio.amateur.space
Date: 2000-01-25 00:00:00 UTC
From: "W5TIT, Kim Walker" <kw5tit@hotmail.com>
Message-ID: <DCBED75D18A691D6.F99FAD9D1EB7069A.92BA2F999BD1FB1C@lp.airnews.net>
Source record: 10417
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

randas@mindspring.com wrote:
>
> Maybe if you weren't so "narrow minded" Kim..you would save your deep
> insight for people you know and have met/talked to before.
>
> de Tim K0FL
>
> <<Kim..the ham radio operator typed with her wittle fingers..>>
>
> > I consider you pretty narrow-sighted for your opinions, and I plan
> >never to conduct myself like that, that's all.
> >
> >>
> >Kim W5TIT

I love it when I make a point, so I am told to pack up my bags and go
home. ROFLMAO

Kim W5TIT

Debating with facts and evidence are the tools of those holding fast to
the truth.
Anger and censorship are the tools of those who find the truth getting
in the path of their desires.

334. Re: 5 WPM ain't a code test. was Re: Code Exam "Disability" Waivers

Newsgroup: rec.radio.amateur.space
Date: 2000-01-25 00:00:00 UTC
From: cobrano-spam@budweiser.com
Message-ID: <388da133.3988810@news.thegrid.net>
Source record: 10418
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

Just trying to kill this thread in the rec.radio.cb group

On Tue, 25 Jan 2000 06:59:46 -0600, "W5TIT, Kim Walker"
<kw5tit@hotmail.com> wrote:

>BD wrote:
>>
>> And your reply had nothing at all to do with what I was saying (when taking
>> in context with what I replied to)...
>> TITty was saying that you should never complain about changes.. I've not
>> even marched in front of the FCC over this change, btw, but that doesn't
>> mean I have to like it in order to be "open minded"...
>>
>> "W6RCecilA" <Cecil.A.Moore@IEEE.org> wrote in message
>> news:388CA418.8369C54A@IEEE.org...
>> > BD wrote:
>> > > ... "open minded" requires that you're willing to accept ALL changes?
>> >
>> > When it's a done deal - unless you are willing to go to war with
>> > the feds. Denying reality only hurts the one doing the denying.
>
>And you, COCKy, place way too much misinterpretation into my words. But
>you are an over-reactor, aren't you...
>
>Kim W5TIT

http://www.qsl.net/kf6foz/

335. Re: 5 WPM ain't a code test. was Re: Code Exam "Disability" Waivers

Newsgroup: rec.radio.amateur.space
Date: 2000-01-25 00:00:00 UTC
From: randas@mindspring.com
Message-ID: <86kn0p$t02$1@nntp4.atl.mindspring.net>
Source record: 10419
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

Can you post a response without calling names or putting labels..??
Geezz..you talk about the old timers being judgmental..they could take
lesions from you (but they won't)

de Tim K0FL

W5TIT, Kim Walker wrote in message
<4E22AE210A4490A1.36A9490566200EF4.8EC936A0C694296C@lp.airnews.net>...
>BD wrote:
>>
>> And your reply had nothing at all to do with what I was saying (when
taking
>> in context with what I replied to)...
>> TITty was saying that you should never complain about changes.. I've not
>> even marched in front of the FCC over this change, btw, but that doesn't
>> mean I have to like it in order to be "open minded"...
>>
>> "W6RCecilA" <Cecil.A.Moore@IEEE.org> wrote in message
>> news:388CA418.8369C54A@IEEE.org...
>> > BD wrote:
>> > > ... "open minded" requires that you're willing to accept ALL changes?
>> >
>> > When it's a done deal - unless you are willing to go to war with
>> > the feds. Denying reality only hurts the one doing the denying.
>
>And you, COCKy, place way too much misinterpretation into my words. But
>you are an over-reactor, aren't you...
>
>Kim W5TIT

336. Re: 5 WPM ain't a code test. was Re: Code Exam "Disability" Waivers

Newsgroup: rec.radio.amateur.space
Date: 2000-01-25 00:00:00 UTC
From: W5TIT/Kim <kw5tit@hotmail.com>
Message-ID: <292F5A124EBD8967.74C75C4C7240D5B7.289FA9C181090337@lp.airnews.net>
Source record: 10420
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

randas@mindspring.com wrote in article
<86kn0p$t02$1@nntp4.atl.mindspring.net>...
> Can you post a response without calling names or putting labels..??
> Geezz..you talk about the old timers being judgmental..they could take
> lesions from you (but they won't)
>
> de Tim K0FL
>

OK, wait. You can call me TITy, but I can't call you COCKy? Uh huh....

Kim W5TIT

337. Re: 5 WPM ain't a code test. was Re: Code Exam "Disability" Waivers

Newsgroup: rec.radio.amateur.space
Date: 2000-01-25 00:00:00 UTC
From: randas@mindspring.com
Message-ID: <86ksas$gq6$1@nntp4.atl.mindspring.net>
Source record: 10421
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

As usual..you are confused Kim. It wasn't me who called you anything. Thats more your MO than mine. Why don't we try to tone things down a bit...talk about radios, how great dx is on the cw bands etc...

de Tim K0FL

W5TIT/Kim wrote in message
<292F5A124EBD8967.74C75C4C7240D5B7.289FA9C181090337@lp.airnews.net>...
>
>
>randas@mindspring.com wrote in article
><86kn0p$t02$1@nntp4.atl.mindspring.net>...
>> Can you post a response without calling names or putting labels..??
>> Geezz..you talk about the old timers being judgmental..they could take
>> lesions from you (but they won't)
>>
>> de Tim K0FL
>>
>
>OK, wait. You can call me TITy, but I can't call you COCKy? Uh huh....
>
>Kim W5TIT
>

338. Re: 5 WPM ain't a code test. was Re: Code Exam "Disability" Waivers

Newsgroup: rec.radio.amateur.space
Date: 2000-01-25 00:00:00 UTC
From: W5TIT/Kim <kw5tit@hotmail.com>
Message-ID: <3A0DB16DDA9B0269.1913C9BE3251F848.B410B568BA05BD8C@lp.airnews.net>
Source record: 10422
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

BD <bodu@pobox.com> wrote in article <X5nj4.155$bu.1484@news.swbell.net>...
> You can't be that retarded.. You yourself call yourself Tit...
> I don't remember seeing anyone calling themselves W5COK..
> DO YOU?
>

OK, COCKy, when did I call myself that?

Kim W5TIT

Run, fast! It's getting deep in here!!!

339. Logsat v5.2 is not Y2K compliant ! ! ! ! ! ! !

Newsgroup: rec.radio.amateur.space
Date: 2000-01-25 00:00:00 UTC
From: Pierrot <pierrot@magic.fr>
Message-ID: <948834288.150772@casablanca.magic.fr>
Source record: 10423

hello dear OM !

The version of Logsat v5.2 on the Web site of Logast is not Y2K
compliant.....
So, why is this version present on this page ?????????
If anyone can give me some explanation . . . .write-me !

An Y2K compliant version of Win orbit 3.6
is on my web site (with English version)
Bye and vy's 73 from Pierre/ F1LED
http://perso.magic.fr/pierrot

340. Re: 5 WPM ain't a code test. was Re: Code Exam "Disability" Waivers

Newsgroup: rec.radio.amateur.space
Date: 2000-01-25 00:00:00 UTC
From: JJ <jj@no.net>
Message-ID: <388E0884.2E1F@no.net>
Source record: 10424
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

BD wrote:
>
> You can't be that retarded.. You yourself call yourself Tit...
> I don't remember seeing anyone calling themselves W5COK..
> DO YOU?

Tbe only way she could have any is to put them in her callsign.

341. Sky mapping.

Newsgroup: rec.radio.amateur.space
Date: 2000-01-25 00:00:00 UTC
From: Ash <ash@vvv.tf>
Message-ID: <388E230A.82B883DB@vvv.tf>
Source record: 10425

Hi,
Where can one find pc-software for graphical sky-mapping using radio,
I have problems getting AIPS++ to work.
Appreciate all answers, thanx

342. MIR Audio Web Page

Newsgroup: rec.radio.amateur.space
Date: 2000-01-26 00:00:00 UTC
From: n2cqr@erols.com
Message-ID: <388ed7c5.55080437@news.erols.com>
Source record: 10426

There have been so few satellite-related messages on this group lately that I don't feel guilty about plugging my Web Site.

I have a number of audio clips from my contacts with the Shuttle and the MIR space station. Check it out:

http://www.erols.com/wmeara

Please let me know what you think.

73 Bill N2CQR

343. Circular antennas - opinions?

Newsgroup: rec.radio.amateur.space
Date: 2000-01-27 00:00:00 UTC
From: jlbarber@wolfenet.kill.this.com
Message-ID: <86p0ht$6aq$1@sparky.wolfe.net>
Source record: 10427

Hi folks,

I have reason to put a circular az-el antenna system back up
within the next few months, so thought I'd check here for current
opinions - M2, HyGain? My previous experiences have been with KLM,
which doesn't appear to be an option any more. Due to time constraints,
I would much prefer factory polarity switching. I've heard that the
M2 antennas are not available with relays, is this true?

Also, back in the way-back-when at least, the body of opinion
was that HyGain crossed-Yagis had a relatively nasty pattern. Is
that still considered to be true? Have they been re-designed in
the last few years?

It would be great to build and tinker, but I need to get something
up quickly.

Thanks for any opinions,
--jim

Jim Barber, N7CXI
jlbarber@wolfenet.kill.this.com

344. Re: 5 WPM ain't a code test. was Re: Code Exam "Disability" Waivers

Newsgroup: rec.radio.amateur.space
Date: 2000-01-27 00:00:00 UTC
From: "(Unit 69)" <upplus@hotmail.com>
Message-ID: <38904ADD.46EC86E4@hotmail.com>
Source record: 10428
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

Now I see why this was posted in rec.radio.cb! Sounds just like
my CB. Free entertainment <:

BD wrote:
>
> I see you chose to exit the 'debate,' TITty... ;)
>
> "BD" <bodu@pobox.com> wrote in message
> news:QFvj4.293$bu.8895@news.swbell.net...
> > Anyone with half a brain knows that a 'chosen' call-sign is either
> initials
> > for something, or a 3 letter word or abbreviation.. And when it's a word,
> > it's no different than a handle (ie calling yourself that word) with a
> > prefix, and you know it, TITty...

--
Posts to the newsgroup DO NOT need a copy e-mailed to me. Thanks.
(Unless you're afraid I won't see it!)

Unit SIX-NINE Chesapeake Bay

345. Re: 5 WPM ain't a code test. was Re: Code Exam "Disability" Waivers

Newsgroup: rec.radio.amateur.space
Date: 2000-01-27 00:00:00 UTC
From: tinospammp@kf4nospamfco.com
Message-ID: <slo09s867605184rqlr9h114hr3o53qnfd@4ax.com>
Source record: 10429

I think the horse is dead

346. Re: 5 WPM ain't a code test. was Re: Code Exam "Disability" Waivers

Newsgroup: rec.radio.amateur.space
Date: 2000-01-27 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8914b1.obr.nomail@linux.pe1chl.ampr.org>
Source record: 10430

tinospammp@kf4nospamfco.com <tinospammp@kf4nospamfco.com> wrote:

>I think the horse is dead

That doesn't mean you cannot beat it...

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

347. M2 Eggbeater Antennas

Newsgroup: rec.radio.amateur.space
Date: 2000-01-27 00:00:00 UTC
From: Jerry M <jmagnani@jps.net>
Message-ID: <3891307e_2@news.jps.net>
Source record: 10431

Does anyone have experience with the M2 eggbeater antennas for 2 meter and 70 cm?

348. Re: M2 Eggbeater Antennas

Newsgroup: rec.radio.amateur.space
Date: 2000-01-28 00:00:00 UTC
From: rodadkins@earthlink.net
Message-ID: <86s5ij$1bo_002@news.earthlink.net>
Source record: 10432

In article <3891307e_2@news.jps.net>, "Jerry M" <jmagnani@jps.net> wrote:
>From: "Jerry M" <jmagnani@jps.net>
>Newsgroups: rec.radio.amateur.space
>Subject: M2 Eggbeater Antennas

>
>Does anyone have experience with the M2 eggbeater antennas for 2 meter and
>70 cm?

Yes.
I use both for FO-20 & FO-29 access.
I have the versions with the reflectors, which improve performance on high angle (near-overhead) passes.

Rod, KQ6ZF
San Diego

349. Re: 900 Megahertz Antenna

Newsgroup: rec.radio.amateur.space
Date: 2000-01-28 00:00:00 UTC
From: Tate <73KC7ZRU73@cyberhighway.net>
Message-ID: <38919A00.503A91F@cyberhighway.net>
Source record: 10433

Aren't they Part 15 devices?

consultant@representative.com wrote:
>
> Anyone ever successfully add an outside antenna to their portable 900 MHz phone?
>
> Thanks.
>
> --
> Consumer Direct Marketing
> http://www.couch-potato-marketing.com

--
KC7ZRU | In Laramie Area
Laramie, WY | UARC Repeater
DN71eh | 146.610
"The Dungeon" online at http://www.cyberhighway.net/~tateb
Remove 73s from addy to send email

350. YAM 9k6 FSK modem

Newsgroup: rec.radio.amateur.space
Date: 2000-01-28 00:00:00 UTC
From: Tate <73KC7ZRU73@cyberhighway.net>
Message-ID: <3891FD6B.C7D7F487@cyberhighway.net>
Source record: 10434
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.space

Greetings,

I think I'm interested in building one of these. My eventual hope is to use it on the Packsats (9k6 G3RUH/Manchester). Looks like a very cost effective solution.

Comments and user experience?

Thanks!

--
KC7ZRU | In Laramie Area
Laramie, WY | UARC Repeater
DN71eh | 146.610
"The Dungeon" online at http://www.cyberhighway.net/~tateb
Remove 73s from addy to send email

351. Re: Amateur Restructuring - CALL SIGNS !!!!! - Great Idea!

Newsgroup: rec.radio.amateur.space
Date: 2000-01-28 00:00:00 UTC
From: "The Derra\"s" <derra@thegrid.net>
Message-ID: <uksk4.1591$84.240153@alfalfa.thegrid.net>
Source record: 10435
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

get off of it. I have been a ham for quite a few years and have had difficulty breaking the code barrier for general 13 wpm. Does this mean that I am incompetent? What about the techs that operate eme or meteor scatter or even sats. I bet some of these people can put the old timers to shame

352. Re: YAM 9k6 FSK modem

Newsgroup: rec.radio.amateur.space
Date: 2000-01-28 00:00:00 UTC
From: Tate <73KC7ZRU73@cyberhighway.net>
Message-ID: <38925E2B.9A1B45B0@cyberhighway.net>
Source record: 10436
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.space

Can't argue with that logic!

Yup - was pretty sure I was going to build one anyway. Mostly interested in any 'gotchas' and experiences others have had. Can't exactly say I'm an 'experienced' builder, yet. TNC cables and copying the TTL/RS232 converter (PG-4S copy) for my V7A are as much as I've tackled so far.

Digi-Key has the XC5202 FPGA - about $10us + S&H. From where I sit, it's about as cheap to get the PCB and the chip. Mmm, may have to get a couple and stir some other local interest.

Always did want to teach the local bank something. Cutting an International draft for Euros may be just the deal!

73

Laura Halliday wrote:
>
>
> Why not build one and tell us? I'm putting the finishing
> touches on one, and the biggest hassle so far was convincing
> the bank that the Euro was in fact a real currency, and that
> they could in fact cut a bank draft in Euros.

--
KC7ZRU | In Laramie Area
Laramie, WY | UARC Repeater
DN71eh | 146.610
"The Dungeon" online at http://www.cyberhighway.net/~tateb
Remove 73s from addy to send email

353. Re: Space tracking claims by Italian brothers

Newsgroup: rec.radio.amateur.space
Date: 2000-01-29 00:00:00 UTC
From: Peter Bealo <pbealo@mediaone.net>
Message-ID: <TLCk4.49434$zU5.663532@wbnws01.ne.mediaone.net>
Source record: 10299

Sven,

Thanks for the interesting article and great website.

Truly interesting.

Peter Bealo
WB2MJG
Plaistow NH USA

354. Re: Stop whining about Amateur Restructuring!

Newsgroup: rec.radio.amateur.space
Date: 2000-01-29 00:00:00 UTC
From: Samuel Goldstein <sjgold@optonline.net>
Message-ID: <%aEk4.2627$Hz5.58271@news.optonline.net>
Source record: 10300
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc

Finally, someone out there figured out that in order to keep the amateur service it has to have a political critical mass. The politicians count votes when it comes to spectrum, if you want space on the usable portions of the spectrum we had best bring in plenty of young people. If code has to go to accomplish that, then good riddance to code. Personally, I copy about 13 wpm, well worth the effort...today I can copy the identifier on repeaters and an occasional aurora contact on six. Hardly worth the effort.

If you really want to keep people out of the hobby you should make the copy RTTY manually.

Sam, K2LDK
Matt Erickson <kk5dr@hotmail.com> wrote in message news:3892F4C3.D8520E2A@hotmail.com...
> In all things, Life, Business, hobbies, etc, You MUST learn and GROW, or
> DIE!
> If restructuring is what it takes to keep my hobby "ALIVE", then so be it!
> I'll be an extra soon too.
> It's the law now, "DEAL WITH IT!"
> If you can't handle it, GET OUT!
>
> Keith Wood wrote:
>
> > Ken Jobling wrote:
> > >
> > > No. Surely by getting on air at 20 WPM plus, you do not need the
> > > callsign and piece of paper as proof. Unless, of course, the callsign
> > > and piece of paper is just a status thing.
> > >
> > For most Extras, that's all it is, because most Extras rarely (if ever)
> > light up on HF.
> > >
> > Not that there is anything wrong with an Extra spending his or her
> > entire on-air time on an HT, but too many of them think that they are
> > something special because the were able to copy 20 WPM on ONE occasion,
> > years ago.
> > >
> > I got my Novice ticket nearly 20 years ago, and upgraded immediately to
> > Technician (thus "Tech+") by taking the General written exam. If I had
> > ever been willing to take the time to get my code speed up, I would have
> > been a General (and I am looking forward to the change). I will not
> > likely go to Extra because an Extra can't do anything that I want to do
> > which I can't do as a General.
> > >

> > While a lot of the Extras are whining about this change, I think that
> > given 5 years they will see that it was the only way to SAVE ham radio.
> > The artificial barrier imposed by "Titanic Mode" skills have kept
> > MILLIONS of kids from getting ham licenses over the decades since large
> > chunks of the General allocation were sliced off to create Advanced and
> > Extra in the "Incentive Licensing" debacle.
> >
> > Properly handled and publicised, this change can bring millions of new
> > hams onto the air in the next decade, bring back school ham clubs, and
> > pull ham radio's foot back out of the grave.
>

355. Re: Stop whining about Amateur Restructuring!

Newsgroup: rec.radio.amateur.space
Date: 2000-01-29 00:00:00 UTC
From: Hap <hap@tscnet.com>
Message-ID: <16a69s4e1g0td3d5na7ork9art8sb820tl@4ax.com>
Source record: 10301
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc

On Sat, 29 Jan 2000 16:03:07 GMT, "Samuel Goldstein"
<sjgold@optonline.net> wrote:

>Finally, someone out there figured out that in order to keep the amateur
>service it has to have a political critical mass. The politicians count
>votes when it comes to spectrum, if you want space on the usable portions of
>the spectrum we had best bring in plenty of young people. If code has to go
>to accomplish that, then good riddance to code. Personally, I copy about 13
>wpm, well worth the effort...today I can copy the identifier on repeaters
>and an occasional aurora contact on six. Hardly worth the effort.
>
>If you really want to keep people out of the hobby you should make the copy
>RTTY manually.
>

You mean ther is a machine that will copy RTTY??? Now you tell me...

356. Re: Stop whining about Amateur Restructuring!

Newsgroup: rec.radio.amateur.space
Date: 2000-01-29 00:00:00 UTC
From: jlisso@earthlink.net
Message-ID: <3893332c1wyvffba$mr2ice@news.earthlink.net>
Source record: 10302
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc

>>Finally, someone out there figured out that in order to keep the amateur
>>service it has to have a political critical mass....
>>
>>If you really want to keep people out of the hobby you should make the copy
>>RTTY manually.
>>

>You mean there is a machine that will copy RTTY??? Now you tell me...

I have heard rumors of something called "pencil and paper" that the tech+
folks use to copy CW. What will they think of next????

357. Re: Stop whining about Amateur Restructuring!

Newsgroup: rec.radio.amateur.space
Date: 2000-01-29 00:00:00 UTC
From: Keith Wood <kw@bctv.com>
Message-ID: <3893345A.6F94ED10@bctv.com>
Source record: 10303
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc

```
Hap wrote:
>
> On Sat, 29 Jan 2000 16:03:07 GMT, "Samuel Goldstein"
> <sjgold@optonline.net> wrote:
>
> >Finally, someone out there figured out that in order to keep the amateur
> >service it has to have a political critical mass. The politicians count
> >votes when it comes to spectrum, if you want space on the usable portions of
> >the spectrum we had best bring in plenty of young people. If code has to go
> >to accomplish that, then good riddance to code. Personally, I copy about 13
> >wpm, well worth the effort...today I can copy the identifier on repeaters
> >and an occasional aurora contact on six. Hardly worth the effort.
> >
> >If you really want to keep people out of the hobby you should make the copy
> >RTTY manually.
> >
>
> You mean ther is a machine that will copy RTTY??? Now you tell me...

They have machines which will punch that paper tape, too, so you can
stop using that pencil.
```

358. Re: 900 Megahertz Antenna

Newsgroup: rec.radio.amateur.space
Date: 2000-01-29 00:00:00 UTC
From: "Carl R. Stevenson" <wa6vse@fast.net>
Message-ID: <s96emuuq1cf70@corp.supernews.com>
Source record: 10304

```
-----BEGIN PGP SIGNED MESSAGE-----
Hash: SHA1

"Tate" <73KC7ZRU73@cyberhighway.net> wrote in message
news:38919A00.503A91F@cyberhighway.net...
> Aren't they Part 15 devices?
>
> consultant@representative.com wrote:
> >
> > Anyone ever successfully add an outside antenna to their portable 900
MHz
phone?

That would be an unauthorized modification to an FCC approved device which
would invalidate the approval under Part 15.

In fact, the FCC rules specifically require manufacturers to build such
devices in ways which would make it difficult for users to add antennas
which may cause the device to no longer comply with Part 15 Rules.

- --
Carl R. Stevenson - wa6vse
<mailto:wa6vse@fast/net>
<http://www.users.fast.net/~wa6vse>
- ------------------------------------------------------
NCI-1052
Executive Director, No Code International
Fellow, The Radio Club of America
Senior Member, IEEE
Member, TAPR
Member, ARRL
- ------------------------------------------------------
Join No Code International! Hams for the 21st Century.
Help assure the survival and prosperity of ham radio.
<http://www.nocode.org>

-----BEGIN PGP SIGNATURE-----
Version: PGP for Personal Privacy 5.5.3

iQA/AwUBOJM62pe+N6+q84HiEQLM7ACghxo7w4uSuO+OEEff/EcddEJ21CQAoN0F
OyMSOI0NaJm6NA+KW8A6hrG6
=bH9M
-----END PGP SIGNATURE-----
```

359. Re: Stop whining about Amateur Restructuring!

Newsgroup: rec.radio.amateur.space
Date: 2000-01-29 00:00:00 UTC
From: Siegfried Rambaum <siram@lightlink.com>
Message-ID: <Pine.GSU.4.10.10001291610030.16811-100000@adore.lightlink.com>
Source record: 10305
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc

> I have heard rumors of something called "pencil and paper" that the tech+
> folks use to copy CW. What will they think of next????

Chalk crayons and slate tableaus, with the option of sticks and clay
tables...

360. Re: Stop whining about Amateur Restructuring!

Newsgroup: rec.radio.amateur.space
Date: 2000-01-29 00:00:00 UTC
From: jeffreyh@Hawaii.Edu
Message-ID: <86vqud$f8l$1@news.hawaii.edu>
Source record: 10306
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc

Follow-ups set to just .misc

In rec.radio.amateur.antenna Keith Wood kw@bctv.com wrote:
>For most Extras, that's all it is, because most Extras rarely (if ever)
>light up on HF.

You took a poll? You didn't ask me, nor did you ask any Hawaii Extras,
so your conclusion is invalid.

>Not that there is anything wrong with an Extra spending his or her
>entire on-air time on an HT, but too many of them think that they are
>something special because the were able to copy 20 WPM on ONE occasion,
>years ago.

That's like saying a marathon winner only ran fast one time in his life.
Unlikely.

>Properly handled and publicised, this change can bring millions of new
>hams onto the air in the next decade,

Millions? Yikes! There's already a code-free license for V/UHF which
didn't draw millions, so you must believe that with the creation of
a slow-code HF ticket, millions will flock to HF.

Let's crunch some numbers: Our M/HF spectrum consists of 3.75 MHz,
with say, only half of it, 1875 kHz, useful for communication at
any one particular time of the day. If suddenly, as if by magic,
all current licensees were granted M/HF privileges, we could possibly
have 670,000 have attempting to fill that 1.875 MHz. Okay, I'll grant
you that folks have to work and sleep, so let's say at any one time,
we have one-fourth of all 670 kilohams on the air, with two per QSO.
That would mean each QSO would be separated by just 22 Hz. =:o

Okay, let's pretend that all 3.75 MHz is available all the time,
with say, one-tenth of all operators on at any one time: Now
each two-person QSO is separated by 112 Hz.

Worried that I didn't take into account frequency re-use? Suppose
we could manage three simultaneous QSOs on a single frequency;
each such grouping would be separated by 336 Hz.

That's with our current 670 kilohams. And you desire "millions"?

73, Jeff KH6O
Fingerprint Classification Services: A copy of your own inked impressions
imprinted with the Henry classification formula applied to your prints.

361. Re: Amateur Restructuring - CALL SIGNS !!!!! - Great Idea!

Newsgroup: rec.radio.amateur.space
Date: 2000-01-29 00:00:00 UTC
From: jeffreyh@Hawaii.Edu
Message-ID: <86vrfn$oc8$1@news.hawaii.edu>
Source record: 10307
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy

Follow-up set to just misc

In rec.radio.cb (and 7 other NGs) Keith Wood kw@bctv.com wrote:

>When I lived in Arizona there was a "prominent" Extra who was incapable
>of operating a soldering iron. In fact, he complained that the 120W gun
>that he bought to solder a mike jack was defective, because it melted
>the heck out of the connector!

Yet you can't provide a callsign of said Extra. Just another fantasy
of yours.

73, Jeff KH6O
Private math tutoring up through calculus. Email for appointment.

362. Re: Amateur Restructuring - CALL SIGNS !!!!! - Great Idea!

Newsgroup: rec.radio.amateur.space
Date: 2000-01-29 00:00:00 UTC
From: W6RCecilA <Cecil.A.Moore@IEEE.org>
Message-ID: <38937749.8FC80B80@IEEE.org>
Source record: 10308
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy

Jeffrey Herman wrote:
> Yet you can't provide a callsign of said Extra. Just another fantasy
> of yours.

How would you like evidence that an un-named extra didn't know
what common-mode currents are and accused the ham engineers of
a *world-wide* conspiracy to keep the truth hidden? :-)
--
73, Cecil, W6RCA http://www.mindspring.com/~w6rca

363. Re: Stop whining about Amateur Restructuring!

Newsgroup: rec.radio.amateur.space
Date: 2000-01-29 00:00:00 UTC
From: dm <dmandjos@olypen.com>
Message-ID: <Z1Mk4.61268$475.1542557@news4.giganews.com>
Source record: 10309
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc

I "(THOUGHT)" this is where I can find some great gear.....'Looks like I better stick to QST Ads. Too many guys unloading empty guns here. Or, we can talk about it "on-air", if you can 'chew at 25 to 30??? 73,
I guess, "DM"

364. Re: YAM 9k6 FSK modem

Newsgroup: rec.radio.amateur.space
Date: 2000-01-29 00:00:00 UTC
From: Laura Halliday <va3ldh@sympatico.ca>
Message-ID: <38924A54.8AD28A81@sympatico.ca>
Source record: 10437
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.space

Tate wrote:
>
> Greetings,
>
> I think I'm interested in building one of these. My eventual hope is to use it
> on the Packsats (9k6 G3RUH/Manchester). Looks like a very cost effective
> solution.
>
> Comments and user experience?

Why not build one and tell us? I'm putting the finishing
touches on one, and the biggest hassle so far was convincing
the bank that the Euro was in fact a real currency, and that
they could in fact cut a bank draft in Euros.
--
Laura Halliday VA3LDH "Laisse le vent tout emporter..."
Grid: FN03gs - Foly/Viennet

365. Re: YAM 9k6 FSK modem

Newsgroup: rec.radio.amateur.space
Date: 2000-01-29 00:00:00 UTC
From: Hamish Moffatt <hamish@rising.com.au>
Message-ID: <86tl2i$nv3$2@arachne.labyrinth.net.au>
Source record: 10438
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.space

In rec.radio.amateur.digital.misc Laura Halliday <va3ldh@sympatico.ca> wrote:
> Why not build one and tell us? I'm putting the finishing
> touches on one, and the biggest hassle so far was convincing
> the bank that the Euro was in fact a real currency, and that
> they could in fact cut a bank draft in Euros.

And if you have a way to make your own PCB, you can put it together
reasonably easily by buying the parts yourself. The Xilinx FPGA should
not be too hard to get hold of -- the catch is that many of the
distributors will have minimum order quantities or similar. Luckily,
here in Australia our local Xilinx distributor did not, so I picked
up a couple of these parts easily.

I built my own a year or two ago, although to be honest I haven't
really had a chance to use it yet. I did test it by connecting the audio
into the sound card and using the soundmodem on linux though.
Now I think I'll go out this afternoon and get the bits to connect it
to my new 70cm FM box.

Hamish
--
Hamish Moffatt Mobile: +61 412 011 176 hamish@rising.com.au
Rising Software Australia Pty. Ltd. http://www.risingsoftware.com/
Phone: +61 3 9894 4788 Fax: +61 3 9894 3362 USA: 1 888 667 7839

366. Stop whining about Amateur Restructuring!

Newsgroup: rec.radio.amateur.space
Date: 2000-01-29 00:00:00 UTC
From: Keith Wood <kw@bctv.com>
Message-ID: <389271FD.93CB5DC1@bctv.com>
Source record: 10439
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc

Ken Jobling wrote:
>
> No. Surely by getting on air at 20 WPM plus, you do not need the
> callsign and piece of paper as proof. Unless, of course, the callsign
> and piece of paper is just a status thing.

For most Extras, that's all it is, because most Extras rarely (if ever) light up on HF.

Not that there is anything wrong with an Extra spending his or her entire on-air time on an HT, but too many of them think that they are something special because the were able to copy 20 WPM on ONE occasion, years ago.

I got my Novice ticket nearly 20 years ago, and upgraded immediately to Technician (thus "Tech+") by taking the General written exam. If I had ever been willing to take the time to get my code speed up, I would have been a General (and I am looking forward to the change). I will not likely go to Extra because an Extra can't do anything that I want to do which I can't do as a General.

While a lot of the Extras are whining about this change, I think that given 5 years they will see that it was the only way to SAVE ham radio. The artificial barrier imposed by "Titanic Mode" skills have kept MILLIONS of kids from getting ham licenses over the decades since large chunks of the General allocation were sliced off to create Advanced and Extra in the "Incentive Licensing" debacle.

Properly handled and publicised, this change can bring millions of new hams onto the air in the next decade, bring back school ham clubs, and pull ham radio's foot back out of the grave.

367. Re: Amateur Restructuring - CALL SIGNS !!!!! - Great Idea!

Newsgroup: rec.radio.amateur.space
Date: 2000-01-29 00:00:00 UTC
From: Keith Wood <kw@bctv.com>
Message-ID: <38927314.5137D3AB@bctv.com>
Source record: 10440
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

Henry Knouse wrote:
>
> dinod@deltanet.com (Dino) wrote:
>
> >
> >Keep working hard and ask yourself WHY amateurs who HATE CB come
> >here. They are not superior operators because of the license
> >they hold. They are inferior humans by trying to talk down to the
> >next guy based on their inadaquacies.
> >
> >Dino...K6RIX
> >
>
> I don't hate CBers. I was a license CBer in the early 70's. I got my
> first ham ticket in 1961 and general class in 62. I currently have an
> extra clas ham ticket.
> What I don't like about CBers is that fact that they think that they
> are above the law. Death threats, profanity, and hate talk dominate
> the CB channels.

?! When did they change CB from 11 Meters to 20?

368. Re: Amateur Restructuring, Liberal Democrats, & No-Coders

Newsgroup: rec.radio.amateur.space
Date: 2000-01-29 00:00:00 UTC
From: Keith Wood <kw@bctv.com>
Message-ID: <3892740B.FF99B580@bctv.com>
Source record: 10441
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

K0HB@aint.it.awful.org wrote:
>
> In a previous article, <vlfiscus@mcn.net> writes:
> >Amateur Restructuring, Liberal Democrats, and No-Coders.
> >
> >The FCC's restructuring plan shouldn't be a surprise to
> >anyone. After all, it comes out of the Liberal Clinton
> >Administration. Conservative republicans are willing to work hard
> >for their rewards, but Liberal democrat No-Code CB whiners want
> >everything handed to them on a silver platter. The democrat
> >whiners want to get ham licenses as easy as they get their welfare
> >checks. And the Liberal FCC, part of the Liberal Clinton
> >Administration gave the Liberal No-Code CB whiners what they
> >wanted, and the rest of us got shafted. Liberal Democrats like
> >to steal treasures from the hard workers, and give to those who spend most
> >of their time waiting for another government hand-out. When liberals do
> >this, it makes them feel important & needed.
>
> Uhhhhh, I think no-Code amateur radio in the USA was instituted by
> the Reagan/Bush administrations.

Not only that, it was the Kennedy Administration which chopped all those
freqs out of the General band in the first place.

369. Re: Amateur Restructuring - CALL SIGNS !!!!! - Great Idea!

Newsgroup: rec.radio.amateur.space
Date: 2000-01-29 00:00:00 UTC
From: Keith Wood <kw@bctv.com>
Message-ID: <38927389.1566E8FC@bctv.com>
Source record: 10442
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

The Derra\"s wrote:
>
> get off of it. I have been a ham for quite a few years and have had
> difficulty breaking the code barrier for general 13 wpm. Does this mean
> that I am incompetent? What about the techs that operate eme or meteor
> scatter or even sats. I bet some of these people can put the old timers to
> shame

When I lived in Arizona there was a "prominent" Extra who was incapable
of operating a soldering iron. In fact, he complained that the 120W gun
that he bought to solder a mike jack was defective, because it melted
the heck out of the connector!

370. Re: Amateur Restructuring - CALL SIGNS !!!!! - Great Idea!

Newsgroup: rec.radio.amateur.space
Date: 2000-01-29 00:00:00 UTC
From: Mark Flanagan <markf@cshore.com>
Message-ID: <s9507eimq0s16@corp.supernews.com>
Source record: 10443
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

Yeah baby!

The Derra"s <derra@thegrid.net> wrote in message
news:uksk4.1591$84.240153@alfalfa.thegrid.net...
> get off of it. I have been a ham for quite a few years and have had
> difficulty breaking the code barrier for general 13 wpm. Does this mean
> that I am incompetent? What about the techs that operate eme or meteor
> scatter or even sats. I bet some of these people can put the old timers
to
> shame
>
>

371. Re: Amateur Restructuring - CALL SIGNS !!!!! - Great Idea!

Newsgroup: rec.radio.amateur.space
Date: 2000-01-29 00:00:00 UTC
From: Mark Flanagan <markf@cshore.com>
Message-ID: <s9516jn0q0s160@corp.supernews.com>
Source record: 10444
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

> >
> > I don't hate CBers. I was a license CBer in the early 70's. I got my
> > first ham ticket in 1961 and general class in 62. I currently have an
> > extra clas ham ticket.
> > What I don't like about CBers is that fact that they think that they
> > are above the law. Death threats, profanity, and hate talk dominate
> > the CB channels.
>
> ?! When did they change CB from 11 Meters to 20?

No, I think you mean 75 meters!

Mark - K1MKF

372. Re: M2 Eggbeater Antennas

Newsgroup: rec.radio.amateur.space
Date: 2000-01-29 00:00:00 UTC
From: gervais <gfillio1@globetrotter.qc.ca>
Message-ID: <hdxk4.433$H07.21763@news.globetrotter.net>
Source record: 10445

hi,an so how does it work good??????

gervais ve2ckn

"Rod Adkins" <rodadkins@earthlink.net> a crit dans le message news:
86s5ij$1bo_002@news.earthlink.net...
> In article <3891307e_2@news.jps.net>, "Jerry M" <jmagnani@jps.net> wrote:
> >From: "Jerry M" <jmagnani@jps.net>
> >Newsgroups: rec.radio.amateur.space
> >Subject: M2 Eggbeater Antennas
>
>
> >
> >Does anyone have experience with the M2 eggbeater antennas for 2 meter
and
> >70 cm?
>
> Yes.
> I use both for FO-20 & FO-29 access.
> I have the versions with the reflectors, which improve performance on high
> angle (near-overhead) passes.
>
> Rod, KQ6ZF
> San Diego

373. HELP Y2K for AOS 2.0

Newsgroup: rec.radio.amateur.space
Date: 2000-01-29 00:00:00 UTC
From: vlady@ur5sel.IL.if.ua
Message-ID: <AA0ehaueRS@ur5sel.il.if.ua>
Source record: 10446

Sorry if that sub was on this conf!!!!!
Can anybody help me .
I have AOS Version 2.0 by DK1TB very fine and simple and quick prog.(I use only compaq 386 s20),but when y2k I have file nasa.txt from 25.10.1999 and date after 01.01.2000 print 01.01.2100 but time,maxEl and AZ are OK.
When I take nasa.txt from 14.01.2000 all time, maxEl and AZ are wrong!!
I understand , there are many other fine prog ,but my comp is not for this ! Hi-Hi.
P.S.
If any station want QSO with me (my LOC KN28iv) via RS-13 I also want :-) and please e-mail!
I thanks for all ,who can answer to me!
73 de UR5SEL
Vlady
vlady@ur5sel.il.if.ua

374. Space tracking claims by Italian brothers

Newsgroup: rec.radio.amateur.space
Date: 2000-01-29 00:00:00 UTC
From: Sven Grahn <svengrahn@wineasy.se>
Message-ID: <3892EE78.23C46B2E@wineasy.se>
Source record: 10447

I have written up some comments and analysis of the content of the "Lost

Cosmonauts" web site and some of my own files concerning the tracking
activities of the Italian Judica-Cordiglia brothers in the early 1960's.

* Go to my Web site http://www.users.wineasy.se/svengrahn
* Click on "What's new"?
* Select entry for 29 January 2000

Comments welcome.

Sven Grahn

375. Re: Stop whining about Amateur Restructuring!

Newsgroup: rec.radio.amateur.space
Date: 2000-01-29 00:00:00 UTC
From: Matt Erickson <kk5dr@hotmail.com>
Message-ID: <3892F4C3.D8520E2A@hotmail.com>
Source record: 10448
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc

In all things, Life, Business, hobbies, etc, You MUST learn and GROW, or
DIE!
If restructuring is what it takes to keep my hobby "ALIVE", then so be it!
I'll be an extra soon too.
It's the law now, "DEAL WITH IT!"
If you can't handle it, GET OUT!

Keith Wood wrote:

> Ken Jobling wrote:
> >
> > No. Surely by getting on air at 20 WPM plus, you do not need the
> > callsign and piece of paper as proof. Unless, of course, the callsign
> > and piece of paper is just a status thing.
>
> For most Extras, that's all it is, because most Extras rarely (if ever)
> light up on HF.
>
> Not that there is anything wrong with an Extra spending his or her
> entire on-air time on an HT, but too many of them think that they are
> something special because the were able to copy 20 WPM on ONE occasion,
> years ago.
>
> I got my Novice ticket nearly 20 years ago, and upgraded immediately to
> Technician (thus "Tech+") by taking the General written exam. If I had
> ever been willing to take the time to get my code speed up, I would have
> been a General (and I am looking forward to the change). I will not
> likely go to Extra because an Extra can't do anything that I want to do
> which I can't do as a General.
>
> While a lot of the Extras are whining about this change, I think that
> given 5 years they will see that it was the only way to SAVE ham radio.
> The artificial barrier imposed by "Titanic Mode" skills have kept
> MILLIONS of kids from getting ham licenses over the decades since large
> chunks of the General allocation were sliced off to create Advanced and
> Extra in the "Incentive Licensing" debacle.
>
> Properly handled and publicised, this change can bring millions of new
> hams onto the air in the next decade, bring back school ham clubs, and
> pull ham radio's foot back out of the grave.

376. Re: Stop whining about Amateur Restructuring!

Newsgroup: rec.radio.amateur.space
Date: 2000-01-30 00:00:00 UTC
From: Samuel Goldstein <sjgold@optonline.net>
Message-ID: <cHLk4.2830$Hz5.63429@news.optonline.net>
Source record: 10310
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc

I certainly would have mentioned it if I weren"t sworn to secrecy. I am afraid by alluding to the manually copied RTTY I may have given it away. I apologize.

The4 reason for the RTTY of course stemmed from the lack of capitals and lower case in the Morse Code. This is an enormous weakness given you could not tell where the sentences started...you had trouble describing things such as democrat and Democrat...big difference in meaning. So of course we had to develop a system that could distinguish between the upper and lower case. Eureka, baudot.

Next time around we can discuss analog and digital baudot...but perhaps we can leave that for another night.

Sam, K2LDK

Hap <hap@tscnet.com> wrote in message
news:16a69s4e1g0td3d5na7ork9art8sb820tl@4ax.com...
> On Sat, 29 Jan 2000 16:03:07 GMT, "Samuel Goldstein"
> <sjgold@optonline.net> wrote:
>
> >Finally, someone out there figured out that in order to keep the amateur
> >service it has to have a political critical mass. The politicians count
> >votes when it comes to spectrum, if you want space on the usable portions
of
> >the spectrum we had best bring in plenty of young people. If code has to
go
> >to accomplish that, then good riddance to code. Personally, I copy about
13
> >wpm, well worth the effort...today I can copy the identifier on repeaters
> >and an occasional aurora contact on six. Hardly worth the effort.
> >
> >If you really want to keep people out of the hobby you should make the
copy
> >RTTY manually.
> >
>
> You mean ther is a machine that will copy RTTY??? Now you tell me...

377. Re: Amateur Restructuring - CALL SIGNS !!!!! - Great Idea!

Newsgroup: rec.radio.amateur.space
Date: 2000-01-30 00:00:00 UTC
From: Keith Wood <kw@bctv.com>
Message-ID: <3893B649.B622E58F@bctv.com>
Source record: 10311
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy

Jeffrey Herman wrote:
>
> Follow-up set to just misc
>
> In rec.radio.cb (and 7 other NGs) Keith Wood kw@bctv.com wrote:
>
> >When I lived in Arizona there was a "prominent" Extra who was incapable
> >of operating a soldering iron. In fact, he complained that the 120W gun
> >that he bought to solder a mike jack was defective, because it melted
> >the heck out of the connector!
>
> Yet you can't provide a callsign of said Extra. Just another fantasy
> of yours.

I chose not to. That is not the same as "can't."

If it matters to you that much, email me. There is no need to embarrass
him in public.

378. Re: Stop whining about Amateur Restructuring!

Newsgroup: rec.radio.amateur.space
Date: 2000-01-30 00:00:00 UTC
From: Hamish Moffatt <hamish@rising.com.au>
Message-ID: <870dkvbsc2@arachne.labyrinth.net.au>
Source record: 10312
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc

In rec.radio.amateur.space Samuel Goldstein <sjgold@optonline.net> wrote:
> If you really want to keep people out of the hobby you should make the copy
> RTTY manually.

Now THAT would be impressive.. 10 WPM Morse not so hard.

Hamish VK3SB
--
Hamish Moffatt Mobile: +61 412 011 176 hamish@rising.com.au
Rising Software Australia Pty. Ltd. http://www.risingsoftware.com/
Phone: +61 3 9894 4788 Fax: +61 3 9894 3362 USA: 1 888 667 7839

379. Re: Amateur Restructuring - CALL SIGNS !!!!! - Great Idea!

Newsgroup: rec.radio.amateur.space
Date: 2000-01-30 00:00:00 UTC
From: jeffreyh@Hawaii.Edu
Message-ID: <870dqn$i56$1@news.hawaii.edu>
Source record: 10313
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy

W6RCecilA <Cecil.A.Moore@IEEE.org> wrote:
>How would you like evidence that an un-named extra didn't know
>what common-mode currents are and accused the ham engineers of
>a *world-wide* conspiracy to keep the truth hidden? :-)

Why would he want the world to know that he didn't know? =:o

380. Re: Amateur Restructuring - CALL SIGNS !!!!! - Great Idea!

Newsgroup: rec.radio.amateur.space
Date: 2000-01-30 00:00:00 UTC
From: Dave Heil <K8MN@cats-net.com>
Message-ID: <3893DF5F.5D7B651A@cats-net.com>
Source record: 10314
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy

Keith Wood wrote:
>
> Jeffrey Herman wrote:
> >
> > Follow-up set to just misc
> >
> > In rec.radio.cb (and 7 other NGs) Keith Wood kw@bctv.com wrote:
> >
> > >When I lived in Arizona there was a "prominent" Extra who was incapable
> > >of operating a soldering iron. In fact, he complained that the 120W gun
> > >that he bought to solder a mike jack was defective, because it melted
> > >the heck out of the connector!
> >
> > Yet you can't provide a callsign of said Extra. Just another fantasy
> > of yours.
>
> I chose not to. That is not the same as "can't."
>
> If it matters to you that much, email me. There is no need to embarrass
> him in public.

At this point, it is either embarrass HIM or embarrass YOU. If you provide his call, he'll at least have the opportunity to refute your charges.

Dave 5H3US, K8MN

381. Question about antenna

Newsgroup: rec.radio.amateur.space
Date: 2000-01-30 00:00:00 UTC
From: fa1cil <fa1cil@wanadoo.fr>
Message-ID: <870va5$i19$1@wanadoo.fr>
Source record: 10315

Hello,
I'm arrived a short while ago on satellites (FO20 - FO29 - RS13). So i need your advice.
What antennas have the most impressive results (for you) on VHF and UHF (perhaps helix ?).

Many thank for any possible information.
And please excuse my poor poor english ;-)

73 from FA1CIL Pascal.

382. Re: Stop whining about Amateur Restructuring!

Newsgroup: rec.radio.amateur.space
Date: 2000-01-30 00:00:00 UTC
From: Gary Coffman <ke4zv@bellsouth.net>
Message-ID: <W0GUOBkpsgmDHWfQ3fXjTP8HR39V@4ax.com>
Source record: 10316
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc

On 30 Jan 2000 04:11:11 GMT, Hamish Moffatt <hamish@rising.com.au> wrote:

>In rec.radio.amateur.space Samuel Goldstein <sjgold@optonline.net> wrote:
>> If you really want to keep people out of the hobby you should make the copy
>> RTTY manually.
>
>Now THAT would be impressive.. 10 WPM Morse not so hard.

10 WPM RTTY isn't so hard either. But 60 WPM RTTY is of similar
difficulty to copy by ear as 60 WPM Morse. I can recognize RYRYRY
and my call sign in 60 WPM RTTY, but that's about all I can do by
ear with it. I can't even do that with Morse, but that's because I
don't operate much Morse. I do, or did before PSK31 came along,
operate quite a bit of RTTY.

Gary
Gary Coffman KE4ZV | You make it |mail to ke4zv@bellsouth.net
534 Shannon Way | We break it |
Lawrenceville, GA | Guaranteed |

383. Re: M2 Eggbeater Antennas

Newsgroup: rec.radio.amateur.space
Date: 2000-01-30 00:00:00 UTC
From: rodadkins@earthlink.net
Message-ID: <871k9m$2uk_004@news.earthlink.net>
Source record: 10317

OK, my equipment set-up is as follows:
- FT-847
- ARR P432VDG preamp on 70cm, right at the antenna (this helps a lot!)
- Teletec DXP 175 amp on 2m
- the Eggbeaters are mounted on 10ft Radio Shack masts/tripods

The best operation I get is portable, in a aprking lot with relatively clear take-offs.

I can also operate from the balcony of my apt, but limited there by surrounding buildings.

These are simple antennas,don't expect too much from them - but they obviously avoid the complexity of ax/el with beams.

On occssion I have worked horizon to horizon - depends on the pass.

I have started to build the square version of these antennas described by K5OE (http://members.aol.com/k5oejerry/eggbeater2.htm), with radials at a different distance from active element to favor low angle passes.

So far, built the 70cm version; not better than the Eggbeater; I need to check SWR. Work has stopped play!!

Rod, KQ6ZF
San Diego

>hi,an so how does it work good??????
>
>gervais ve2ckn
>
>"Rod Adkins" <rodadkins@earthlink.net> a crit dans le message news:
>86s5ij$1bo_002@news.earthlink.net...
>> In article <3891307e_2@news.jps.net>, "Jerry M" <jmagnani@jps.net> wrote:
>> >From: "Jerry M" <jmagnani@jps.net>
>> >Newsgroups: rec.radio.amateur.space
>> >Subject: M2 Eggbeater Antennas
>>
>>
>> >
>> >Does anyone have experience with the M2 eggbeater antennas for 2 meter
>and
>> >70 cm?
>>
>> Yes.
>> I use both for FO-20 & FO-29 access.

>> I have the versions with the reflectors, which improve performance on high
>> angle (near-overhead) passes.
>>
>> Rod, KQ6ZF
>> San Diego
>
>

384. Incompetent Extras

Newsgroup: rec.radio.amateur.space
Date: 2000-01-30 00:00:00 UTC
From: Keith Wood <kw@bctv.com>
Message-ID: <389460B3.11313913@bctv.com>
Source record: 10318
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy

Dave Heil wrote:
>
> Keith Wood wrote:
> >
> > Jeffrey Herman wrote:
> > >
> > > Follow-up set to just misc
> > >
> > > In rec.radio.cb (and 7 other NGs) Keith Wood kw@bctv.com wrote:
> > >
> > > >When I lived in Arizona there was a "prominent" Extra who was incapable
> > > >of operating a soldering iron. In fact, he complained that the 120W gun
> > > >that he bought to solder a mike jack was defective, because it melted
> > > >the heck out of the connector!
> > >
> > > Yet you can't provide a callsign of said Extra. Just another fantasy
> > > of yours.
> > >
> > I chose not to. That is not the same as "can't."
> >
> > If it matters to you that much, email me. There is no need to embarrass
> > him in public.
>
> At this point, it is either embarrass HIM or embarrass YOU. If you
> provide his call, he'll at least have the opportunity to refute your
> charges.

Why would I be embarrassed? It isn't like Jeff is going to call him up and hear "Yup, I dunno the first thing about working on radios." The ham in question made a big name for himself in the Prescott, Arizona area in the late 1980s. I have no idea if he is still there or not, and I really don't much care. I stopped paying attention to him after the mike-jack incident and after I had to make a 120-mile round trip to go turn a serial cable into a null-modem cable because he wasn't able to desolder and resolder two leads in a DB9 connector.

The only one I'm embarrassed for is Jeff. He is so impressed with being an Extra that he thinks all Extras are something special, and is convinced that I can't be telling the truth about this.

385. Re: Stop whining about Amateur Restructuring!

Newsgroup: rec.radio.amateur.space
Date: 2000-01-30 00:00:00 UTC
From: Keith Wood <kw@bctv.com>
Message-ID: <3894629B.7FB5DCB@bctv.com>
Source record: 10319
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc

Gary Coffman wrote:
>
> On 30 Jan 2000 04:11:11 GMT, Hamish Moffatt <hamish@rising.com.au> wrote:
>
> >In rec.radio.amateur.space Samuel Goldstein <sjgold@optonline.net> wrote:
> >> If you really want to keep people out of the hobby you should make the copy
> >> RTTY manually.
> >
> >Now THAT would be impressive.. 10 WPM Morse not so hard.
>
> 10 WPM RTTY isn't so hard either. But 60 WPM RTTY is of similar
> difficulty to copy by ear as 60 WPM Morse. I can recognize RYRYRY
> and my call sign in 60 WPM RTTY, but that's about all I can do by
> ear with it.

About a year and a half ago, the TV station I was working for had an apparent problem with the captioning system. The Vectorscope showed a visual trace of the incoming caption signal, and (while the engineers were starting to tear apart the control room, trying to figure out what was happening) I took a moment to look at it. The signal was a repetitive set -- ABC's version of RYRYRYRY. When I explained it (these guys didn't even know what RTTY was), they contacted the network, who confirmed that they weren't sending text -- they were sending RY<clear>RY<clear>RY<clear>!

386. Re: Amateur Restructuring - CALL SIGNS !!!!! - Great Idea!

Newsgroup: rec.radio.amateur.space
Date: 2000-01-30 00:00:00 UTC
From: Mark Flanagan <markf@cshore.com>
Message-ID: <s98sfspt5io160@corp.supernews.com>
Source record: 10320
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy

```
Who cares? I don't feel either is embarassed. Somebody provided some
hearsay evidence. Accept it or dismiss it. It doesn't matter much anyway.
The lines are drawn and nobody is crossing over. This is not a debate it
has become just a forum for everyone to vent their personal frustrations.

Mark, K1MKF

Dave Heil <K8MN@cats-net.com> wrote in message
news:3893DF5F.5D7B651A@cats-net.com...
> Keith Wood wrote:
> >
> > Jeffrey Herman wrote:
> > >
> > > Follow-up set to just misc
> > >
> > > In rec.radio.cb (and 7 other NGs) Keith Wood kw@bctv.com wrote:
> > >
> > > >When I lived in Arizona there was a "prominent" Extra who was
incapable
> > > >of operating a soldering iron. In fact, he complained that the 120W
gun
> > > >that he bought to solder a mike jack was defective, because it melted
> > > >the heck out of the connector!
> > >
> > > Yet you can't provide a callsign of said Extra. Just another fantasy
> > > of yours.
> >
> > I chose not to. That is not the same as "can't."
> >
> > If it matters to you that much, email me. There is no need to embarrass
> > him in public.
>
> At this point, it is either embarrass HIM or embarrass YOU. If you
> provide his call, he'll at least have the opportunity to refute your
> charges.
>
> Dave 5H3US, K8MN
```

387. Re: Incompetent Extras

Newsgroup: rec.radio.amateur.space
Date: 2000-01-30 00:00:00 UTC
From: ? <geezer@netusa1.net>
Message-ID: <Av_k4.2523$P5.7223@newsfeed.slurp.net>
Source record: 10321
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy

Who care if one operator is incompetent? As long as they don't cause a
problem why bother. If ones
ego demands that everyone meet a standard then remember ----judge not least
ye be judged

If he is causing a problem then string em up with his own coax :>)

who?

388. Re: Amateur Restructuring, Liberal Democrats, & No-Coders

Newsgroup: rec.radio.amateur.space
Date: 2000-01-30 00:00:00 UTC
From: Louis Albert <lalbert@uakron.edu>
Message-ID: <389496B6.2B2C2B10@uakron.edu>
Source record: 10322
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

I am a liberal and proud and proud of it!
http://www.ifip.com/liberal.htm
http://www.ifip.com/cj.htm
http://ifip.com/wa8phd.htm

Lou WA8PHD
http://www.ifip.com/

Keith Wood wrote:

> K0HB@aint.it.awful.org wrote:
> >
> > In a previous article, <vlfiscus@mcn.net> writes:
> > >Amateur Restructuring, Liberal Democrats, and No-Coders.
> > >
> > >The FCC's restructuring plan shouldn't be a surprise to
> > >anyone. After all, it comes out of the Liberal Clinton
> > >Administration. Conservative republicans are willing to work hard
> > >for their rewards, but Liberal democrat No-Code CB whiners want
> > >everything handed to them on a silver platter. The democrat
> > >whiners want to get ham licenses as easy as they get their welfare
> > >checks. And the Liberal FCC, part of the Liberal Clinton
> > >Administration gave the Liberal No-Code CB whiners what they
> > >wanted, and the rest of us got shafted. Liberal Democrats like
> > >to steal treasures from the hard workers, and give to those who spend most
> > >of their time waiting for another government hand-out. When liberals do
> > >this, it makes them feel important & needed.
> >
> > Uhhhhh, I think no-Code amateur radio in the USA was instituted by
> > the Reagan/Bush administrations.
>
> Not only that, it was the Kennedy Administration which chopped all those
> freqs out of the General band in the first place.

389. Re: Amateur Restructuring, Liberal Democrats, & No-Coders

Newsgroup: rec.radio.amateur.space
Date: 2000-01-30 00:00:00 UTC
From: Keith Wood <kw@bctv.com>
Message-ID: <38949F4D.4D35A5DF@bctv.com>
Source record: 10323
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

Louis Albert wrote:
>
> I am a liberal and proud and proud of it!

Well, of course.

You don't know any better.

;)

390. Re: Amateur Restructuring, Liberal Democrats, & No-Coders

Newsgroup: rec.radio.amateur.space
Date: 2000-01-30 00:00:00 UTC
From: W6RCecilA <Cecil.A.Moore@IEEE.org>
Message-ID: <3894A0BB.9485E17C@IEEE.org>
Source record: 10324
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

Louis Albert wrote:
> I am a liberal and proud and proud of it!

Q: Do you know what they call a liberal who has been mugged?

A: A conservative.
--
73, Cecil, W6RCA http://www.mindspring.com/~w6rca

391. Re: Amateur Restructuring - CALL SIGNS !!!!! - Great Idea!

Newsgroup: rec.radio.amateur.space
Date: 2000-01-30 00:00:00 UTC
From: Larry <larya@home.com>
Message-ID: <jF1l4.69728$Dv1.1914838@news2.rdc1.on.home.com>
Source record: 10325
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

SomeBody wrote in message <388a543e.61974215@nntp.mindspring.com>...
>The reason the average age of an Amateur Radio operator has risen as
>high as it has is because of the attitude of the Amateur Radio
>operators. Granted, not all share this attitude, but those that don't
>are the exception, rather than the rule. I for one have been trying to
>understand this attitude, but have failed. If there are any hams out
>there who would like to enlighten me, I will be more than happy to
>further my education. Thanks in advance, Bill.
>

What 'attitude' are you speaking about? I have not been following any cb
threads in a long time.

larry ve3fxq

392. InstantTrack Y2K

Newsgroup: rec.radio.amateur.space
Date: 2000-01-30 00:00:00 UTC
From: Pat Cox <peacox@gloryroad.net>
Message-ID: <3894B01E.31E9E451@gloryroad.net>
Source record: 10326

What do I need to do to bring InstantTrack into y2k compliance. I have Nova and Winorbit but I use InstantTrack on a computer dedicated only for that purpose. I have not been successful with one "patch" that I found. Any help would be appreciated and the more specific,the better. I make most RS-13 passes over North American if you need FM-06 or NC on the bird. Thanks. And, oh yes, but wouldn't it be great if this board was used for its intended purpose and we could politicize elsewhere.
Pat, K4AVO

393. Re: Amateur Restructuring, Liberal Democrats, & No-Coders

Newsgroup: rec.radio.amateur.space
Date: 2000-01-30 00:00:00 UTC
From: chipster66@hotmail.com
Message-ID: <3894c317.11845318@news.usol.com>
Source record: 10327
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

On Sun, 30 Jan 2000 14:36:11 -0600, W6RCecilA <Cecil.A.Moore@IEEE.org>
wrote:

>Louis Albert wrote:
>> I am a liberal and proud and proud of it!
>
>
>Q: Do you know what they call a liberal who has been mugged?
>
>A: A conservative.

Q: Do you know what they call a conservative that has been arrested ?

A: a liberal

394. Re: Incompetent Extras

Newsgroup: rec.radio.amateur.space
Date: 2000-01-30 00:00:00 UTC
From: jeffreyh@Hawaii.Edu
Message-ID: <872h4s$nk3$1@news.hawaii.edu>
Source record: 10328
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy

Follow-ups set to just .misc

In rec.radio.amateur.antenna Keith Wood kw@bctv.com wrote:
>Dave Heil wrote:
>> Keith Wood wrote:
>>> Jeffrey Herman wrote:
>>>> In rec.radio.cb (and 7 other NGs) Keith Wood kw@bctv.com wrote:

>>>>>When I lived in Arizona there was a "prominent" Extra who was incapable
>>>>>of operating a soldering iron. In fact, he complained that the 120W gun
>>>>>that he bought to solder a mike jack was defective, because it melted
>>>>>the heck out of the connector!

>>>> Yet you can't provide a callsign of said Extra. Just another fantasy
>>>> of yours.

>>> I chose not to. That is not the same as "can't."
>>> If it matters to you that much, email me. There is no need to embarrass
>>> him in public.

So it's better to embarrass all "prominent" Extras in Arizona?

>> At this point, it is either embarrass HIM or embarrass YOU. If you
>> provide his call, he'll at least have the opportunity to refute your
>> charges.

>Why would I be embarrassed?

Because you got caught making up "facts" again. If you want to carry
any credibility on the NGs, back up your examples with evidence which
can be confirmed by third parties, or at least give the "victim" in
question a chance to defend himself.

>The ham in question made a big name for himself in the Prescott, Arizona
>area in the late 1980s.

So now you've pinpointed his approximate QTH and have limited the
embarrassment to just "prominent" Extras in Prescott. The only fair thing
to do now is to give his identity and provide him the chance to respond
to your accusations.

>The only one I'm embarrassed for is Jeff. He is so impressed with being
>an Extra that he thinks all Extras are something special, and is
>convinced that I can't be telling the truth about this.

Wrong again. I'm only interested in giving an accused a fair chance to respond so as to hear both sides of the story. There are too many one-sided accusations made in this forum. Very distasteful, and not gentlemanly at all. Fight fair, Keith.

73, Jeff KH6O

Fingerprint Classification Services: A copy of your own inked impressions imprinted with the Henry classification formula applied to your prints.

395. Re: Posting to eight newsgroups

Newsgroup: rec.radio.amateur.space
Date: 2000-01-30 00:00:00 UTC
From: Mark Flanagan <markf@cshore.com>
Message-ID: <s99k13l75io122@corp.supernews.com>
Source record: 10329
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

Richard McCollum <rmccoll@radiks.net> wrote in message
news:3883414C.E8445F41@radiks.net...
>
> Posting to eight newsgroups at the same time carries some implications
> that don't even have to be said.
>
> Dick McCollum N0BK

I haven't passed a 13 wpm code test so I don't understand,.

What are the implications that you are referring to?

Mark, K1MKF

396. Re: InstantTrack Y2K

Newsgroup: rec.radio.amateur.space
Date: 2000-01-30 00:00:00 UTC
From: Clifford Buttschardt <cbuttsch@slonet.org>
Message-ID: <Pine.GSO.3.95.1000130194017.13020A-100000@oso.slonet.org>
Source record: 10330

Pat. I would suppose you have gotten your answer on this. What you need
is a program written by F6HHC called CVITK_EN.zip
It works very well indeed saving IT nicely. Cliff K7RR

On Sun, 30 Jan 2000, Pat Cox wrote:

> What do I need to do to bring InstantTrack into y2k compliance. I have
> Nova and Winorbit but I use InstantTrack on a computer dedicated only
> for that purpose. I have not been successful with one "patch" that I
> found. Any help would be appreciated and the more specific,the better. I
> make most RS-13 passes over North American if you need FM-06 or NC on
> the bird. Thanks. And, oh yes, but wouldn't it be great if this board
> was used for its intended purpose and we could politicize elsewhere.
> Pat, K4AVO
>
>
>

397. Re: Amateur Restructuring, Liberal Democrats, & No-Coders

Newsgroup: rec.radio.amateur.space
Date: 2000-01-31 00:00:00 UTC
From: kc2fng@qsl.net
Message-ID: <389fea26.11915411@news3.buffnet.net>
Source record: 10331
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

On Sun, 30 Jan 2000 19:56:05 GMT, Louis Albert <lalbert@uakron.edu>
wrote:

>I am a liberal and proud and proud of it!
>http://www.ifip.com/liberal.htm
>http://www.ifip.com/cj.htm
>http://ifip.com/wa8phd.htm
>
>Lou WA8PHD
>http://www.ifip.com/

Two guys were sitting on a park bench. One turned to the other and
asked, "Are you a Liberal or a Conservative?"

"I'm a Conservative," the other man proudly replied.

"Why are you a Conservative?" the first man asked.

"Because my father was a Conservative, and so were my grandfather, my
great grandfather, and his father before him," replied the other man.

"What if your father was a jackass, and so were your grandfather, your
great grandfather, and his father before him?" persisted the first
man. "What would you be then?"

The first man thought for a moment, then replied, "A Liberal."

73 DE KC2FNG

398. Re: Amateur Restructuring, Liberal Democrats, & No-Coders

Newsgroup: rec.radio.amateur.space
Date: 2000-01-31 00:00:00 UTC
From: thanatos999@my-deja.com
Message-ID: <8738s7une1@nnrp1.deja.com>
Source record: 10332
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space

In article <85fl2lqop1@news.netmar.com>,
K0HB@aint.it.awful.org wrote:
> In a previous article, <vlfiscus@mcn.net> writes:
> >Amateur Restructuring, Liberal Democrats, and No-Coders.
> >
> >The FCC's restructuring plan shouldn't be a surprise to
> >anyone. After all, it comes out of the Liberal Clinton
> >Administration. Conservative republicans are willing to work hard
> >for their rewards, but Liberal democrat No-Code CB whiners want
> >everything handed to them on a silver platter. The democrat
> >whiners want to get ham licenses as easy as they get their welfare
> >checks. And the Liberal FCC, part of the Liberal Clinton
> >Administration gave the Liberal No-Code CB whiners what they
> >wanted, and the rest of us got shafted. Liberal Democrats like
> >to steal treasures from the hard workers, and give to those who spend
most
> >of their time waiting for another government hand-out. When liberals
do
> >this, it makes them feel important & needed.
>
> Uhhhhh, I think no-Code amateur radio in the USA was instituted by
> the Reagan/Bush administrations.

Not Reagan... Bush... nowhere near a conservative and one who caved to
King Hussein's response to a whiner in the US.

Basically proof that Bush felt he could 'do something' to please a
foreign power that 'did not matter much'.

Well, it mattered to most hams!

That was one of Bush's blunders causing him infamy in my regard and the
regard of hundreds of thousands of others.

Sent via Deja.com http://www.deja.com/
Before you buy.

399. Re: Amateur Restructuring, Liberal Democrats, & No-Coders

Newsgroup: rec.radio.amateur.space
Date: 2000-01-31 00:00:00 UTC
From: thanatos999@my-deja.com
Message-ID: <8738uvunq1@nnrp1.deja.com>
Source record: 10333
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space

In article <38949F4D.4D35A5DF@bctv.com>,
kw@bctv.com wrote:
>
>
> Louis Albert wrote:
> >
> > I am a liberal and proud and proud of it!
>
> Well, of course.
>
> You don't know any better.
>
> ;)

What is the saying?

If you are 23 and not a liberal you have no heart, if you are 40 and a
liberal you have no head?

Sent via Deja.com http://www.deja.com/
Before you buy.

400. Re: 900 Megahertz Antenna

Newsgroup: rec.radio.amateur.space
Date: 2000-01-31 00:00:00 UTC
From: Ian Robert Walker <Ian@newbrain.demon.co.uk>
Message-ID: <0JbtFmCUNNI4EwGS@newbrain.demon.co.uk>
Source record: 10334

```
In article <3891ACB9.CA87DD00@Source.Net>, Dana H. Myers K6JQ
<Dana@Source.Net> writes
>This is a cryptographically signed message in MIME format.
>
>--------------ms330AEA9EA9ED3650157D727B
>Content-Type: multipart/mixed;
> boundary="------------28B4C3072879018776F5FAF4"
>
>This is a multi-part message in MIME format.
>--------------28B4C3072879018776F5FAF4
>Content-Type: text/plain; charset=us-ascii
>Content-Transfer-Encoding: 7bit
>
>
>External antennas are not prohibited for all Part 15 devices. Have a
>look at Part 15, starting around 15.247 for more information.
>
>It is amazing how high-tech modern cordless telephones are, and
>how much transmit power they run.
>
>Dana K6JQ
>
>
>Tate wrote:
>
>> Aren't they Part 15 devices?
>>
>> consultant@representative.com wrote:
>> >
>> > Anyone ever successfully add an outside antenna to their portable 900 MHz
>phone?
>
>--------------28B4C3072879018776F5FAF4
>Content-Type: text/x-vcard; charset=us-ascii;
> name="Dana.vcf"
>Content-Transfer-Encoding: 7bit
>Content-Description: Card for Dana H. Myers K6JQ
>Content-Disposition: attachment;
> filename="Dana.vcf"
>
>begin:vcard
>n:Myers;Dana
>x-mozilla-html:FALSE
>url:http://www.source.net/dana/
```

>adr:;;;;;;
>version:2.1
>email;internet:dana@source.net
>fn:Dana H. Myers K6JQ
>end:vcard
>
>--------------28B4C3072879018776F5FAF4--
>
>--------------ms330AEA9EA9ED3650157D727B
>Content-Type: application/x-pkcs7-signature; name="smime.p7s"
>Content-Transfer-Encoding: base64
>Content-Disposition: attachment; filename="smime.p7s"
>Content-Description: S/MIME Cryptographic Signature
>
>MIIKngYJKoZIhvcNAQcCoIIKjzCCCosCAQExCzAJBgUrDgMCGgUAMAsGCSqGSIb3DQEHAaCC
------------ cut -----------------
>--------------ms330AEA9EA9ED3650157D727B--

Apologies for quoting even part of the above, BUT why did you post all
this rubbish, it turned a 15 line reply into a 108 line waste of
capacity?
--
Ian Walker G8ILZ on packet as G8ILZ

Pluralitas non est ponenda sine neccessitate

401. Re: Amateur Restructuring, Liberal Democrats, & No-Coders

Newsgroup: rec.radio.amateur.space
Date: 2000-01-31 00:00:00 UTC
From: henry@wolfenet.com
Message-ID: <38953f04.9597257@news1.wolfenet.com>
Source record: 10335
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space

thanatos999@my-deja.com wrote:

>What is the saying?
>
>If you are 23 and not a liberal you have no heart, if you are 40 and a
>liberal you have no head?
>
If you are over 50 like I am, an are ether a liberal or conservative,
you have learned nothing about life

402. Re: InstantTrack Y2K

Newsgroup: rec.radio.amateur.space
Date: 2000-01-31 00:00:00 UTC
From: nick <ku2a@worldnet.att.net>
Message-ID: <3895611A.926D8BDC@worldnet.att.net>
Source record: 10336

Where can I find a copy of CVITK_EN.zip? tks -nick

Clifford Buttschardt wrote:

> Pat. I would suppose you have gotten your answer on this. What you need
> is a program written by F6HHC called CVITK_EN.zip
> It works very well indeed saving IT nicely. Cliff K7RR
>
> On Sun, 30 Jan 2000, Pat Cox wrote:
>
> > What do I need to do to bring InstantTrack into y2k compliance. I have
> > Nova and Winorbit but I use InstantTrack on a computer dedicated only
> > for that purpose. I have not been successful with one "patch" that I
> > found. Any help would be appreciated and the more specific,the better. I
> > make most RS-13 passes over North American if you need FM-06 or NC on
> > the bird. Thanks. And, oh yes, but wouldn't it be great if this board
> > was used for its intended purpose and we could politicize elsewhere.
> > Pat, K4AVO
> >
> >
> >

403. Re: Posting to eight newsgroups

Newsgroup: rec.radio.amateur.space
Date: 2000-01-31 00:00:00 UTC
From: Charley Harp <charp@htonline.com>
Message-ID: <s9avngoj5io105@corp.supernews.com>
Source record: 10337
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

```
Mark Flanagan wrote in message ...
>
>Richard McCollum <rmccoll@radiks.net> wrote in message
>news:3883414C.E8445F41@radiks.net...
>>
>> Posting to eight newsgroups at the same time carries some implications
>> that don't even have to be said.
>>
>> Dick McCollum N0BK
>
>
>I haven't passed a 13 wpm code test so I don't understand,.
>
>What are the implications that you are referring to?
>
>Mark, K1MKF
>
>

Nor have I, but his point is clear. Would you shout CQ on 8 frequencies simultaneously?

73, Charley, N8MQL
```

404. Re: Posting to eight newsgroups

Newsgroup: rec.radio.amateur.space
Date: 2000-01-31 00:00:00 UTC
From: Bob Fay <robert.fay@unisys.com>
Message-ID: <8741ggkrp1@si05.rsvl.unisys.com>
Source record: 10338
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

You would if you were so full of yourself that you knew everyone had to hear
what you have to say...
Bob N0TVZ

"Charley Harp" <charp@htonline.com> wrote in message
news:s9avngoj5io105@corp.supernews.com...
Mark Flanagan wrote in message ...
>
>Richard McCollum <rmccoll@radiks.net> wrote in message
>news:3883414C.E8445F41@radiks.net...
>>
>> Posting to eight newsgroups at the same time carries some implications
>> that don't even have to be said.
>>
>> Dick McCollum N0BK
>
>
>I haven't passed a 13 wpm code test so I don't understand,.
>
>What are the implications that you are referring to?
>
>Mark, K1MKF
>
>

Nor have I, but his point is clear. Would you shout CQ on 8 frequencies
simultaneously?

73, Charley, N8MQL

405. Re: Posting to eight newsgroups

Newsgroup: rec.radio.amateur.space
Date: 2000-01-31 00:00:00 UTC
From: Siegfried Rambaum <siram@lightlink.com>
Message-ID: <Pine.GSU.4.10.10001311636590.14887-100000@adore.lightlink.com>
Source record: 10339
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

> Posting to eight newsgroups at the same time carries some implications
> that don't even have to be said.
>
> Dick McCollum N0BK

Don't cloak yourself in fake mystery.

What are the implications?

They are:

ONE single message, EIGHT newsgroup flags attached to it.

I don't assume, these are unspeakable implications. Or did you really
believe, that a message posted to eight newsgroups criss crosses the
internet as EIGHT individual messages, consuming eight times the
bandwidth? The designers of internet had more brains than that.
Though you can read the message in eight groups, it only exists ONCE.

406. Re: YAM 9k6 FSK modem

Newsgroup: rec.radio.amateur.space
Date: 2000-01-31 00:00:00 UTC
From: Simon Lewis <slewis@pacsat.demon.co.uk>
Message-ID: <PVOz5DAiIfl4EwAS@pacsat.demon.co.uk>
Source record: 10340
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.space

In article <38924A54.8AD28A81@sympatico.ca>, Laura Halliday
<va3ldh@sympatico.ca> writes
>Tate wrote:
>>
>> Greetings,
>>
>> I think I'm interested in building one of these. My eventual hope is to use it
>> on the Packsats (9k6 G3RUH/Manchester). Looks like a very cost effective
>> solution.
>>
>> Comments and user experience?
>
>Why not build one and tell us? I'm putting the finishing
>touches on one, and the biggest hassle so far was convincing
>the bank that the Euro was in fact a real currency, and that
>they could in fact cut a bank draft in Euros.

don't worry! we are still trying to convince ourselves its a real
currency too!

73 Simon
The contents of this message represent the personal opinion of the
author and are not representative of the RSGB or DUBUS unless otherwise stated.
+---+
| Simon Lewis GM4PLM Editor - European Microwave News |
| Radio Society of Great Britain Microwave Column Editor |
| DUBUS Microwave Europe Column Editor |
| European Microwave News - Supporting Microwave Radio Across Europe |
| EMN Homepage - www.emn.org.uk Email gm4plm@emn.org.uk |
| RSGB Microwave Column Homepage - www.emn.org.uk/mwcol.htm |
| RSGB Microwave Column Email uwave.radcom@rsgb.org.uk |
| DUBUS Microwave Europe Column Homepage - www.emn.org.uk/dubus.htm |
+---+

407. Re: Incompetent Extras

Newsgroup: rec.radio.amateur.space
Date: 2000-01-31 00:00:00 UTC
From: Joe Leikhim <jleikhim@nettally.com>
Message-ID: <38965E24.7CF462E9@nettally.com>
Source record: 10341
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy

filter test
--
Joe Leikhim K4SAT
Jleikhim@nettally.com

"tv dinner by the pool,
i'm so glad i finished school" -F.Zappa 1967

"The Revolution will NOT be televised" -Gil Scott Heron

Dopeler effect: The tendency of stupid ideas to seem smarter when they come

at you rapidly.

408. Re: Incompetent Extras

Newsgroup: rec.radio.amateur.space
Date: 2000-01-31 00:00:00 UTC
From: billsohl@interactive.net
Message-ID: <38950432.8514887@news.interactive.net>
Source record: 10342
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy

On Sun, 30 Jan 2000 16:02:59 +0000, Keith Wood <kw@bctv.com> wrote:
>Why would I be embarrassed? It isn't like Jeff is going to call him up
>and hear "Yup, I dunno the first thing about working on radios." The
>ham in question made a big name for himself in the Prescott, Arizona
>area in the late 1980s. I have no idea if he is still there or not, and
>I really don't much care. I stopped paying attention to him after the
>mike-jack incident and after I had to make a 120-mile round trip to go
>turn a serial cable into a null-modem cable because he wasn't able to
>desolder and resolder two leads in a DB9 connector.

The trouble is these damn connectors keep getting
smaller while I keep getting older. I'd just as soon
NOT have to solder DB9 connectors at all unless it
was an emergency repair.

More to the point, the
ability to solder is not at all an indication of technical
competency anyway.

Cheers,
Bill K2UNK

409. Re: M2 Eggbeater Antennas

Newsgroup: rec.radio.amateur.space
Date: 2000-02-01 00:00:00 UTC
From: njvets <njvets@skyweb.net>
Message-ID: <sGFl4.10406$ox5.3149103@tw11.nn.bcandid.com>
Source record: 10249

I have used one for about 4 years now. It is a fine antenna that does
exactly what it is supposed to do. On the Mode A birds, it can't be beat.
No need to track the sat with a beam for a real good uplink or downlink
signal. I have also had good results on terrestrial SSB work. I primarily
use it now on 137Mhz WXSAT work, where it is just superb.
Hows that for an opinion?
Jim
Jerry M <jmagnani@jps.net> wrote in message news:3891307e_2@news.jps.net...
> Does anyone have experience with the M2 eggbeater antennas for 2 meter and
> 70 cm?
>
>

410. Christ this group has gone downhill !

Newsgroup: rec.radio.amateur.space
Date: 2000-02-01 00:00:00 UTC
From: eavsdropper <ian@eavsdropper.dabsol.co.uk>
Message-ID: <uPFl4.2289$O4.97258@wards>
Source record: 10250

I have not been here for a few weeks and what a state this group has become, what a crap advert for radio this is nothing but morons moning about irrelevant nonsense. Why does it seem to be the U.S in the majority when it comes to being a pain in these groups ?.

no dis-respect to a lot of Americans i know here but they really need to shut up !.

Anyway, anybody know anymore about P3D and it's possible launch date ?.

thanks

eavsdropper

411. Re: Amateur Restructuring, Liberal Democrats, & No-Coders

Newsgroup: rec.radio.amateur.space
Date: 2000-02-01 00:00:00 UTC
From: kelly@dvol.com
Message-ID: <38972f4d.3605570@news.dvol.com>
Source record: 10251
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

On Tue, 01 Feb 2000 11:14:20 -0700, lew mccoy <lewmccoy@uswest.net>
wrote:

>I just got through wading through all the restructuring comments.--I think I have
>probably been around many years longer than most of you abd I can make a few
>observations. The FCC has acted--it did not listen to ARRL, Fred Maia, or many
>others--it did listen to QCWA. But no matter, it is over and it is what we have
>to live with--and the guy that was complaining about dems and repubs--that is
>inane--national politics has very little to o with amateujr radio--I should know
>because I spent a great deal of time in Washington. (DC) dealing with the
>bandits down there. The only time the pols are going to get into the act is
>when your neihbor has TVI--then we have troubles
>
>Lew McCoy, W1ICP/7
>
Welcome aboard Revered One. It ain't gonna be easy . . !
>
Brian Kelly w3rv

>Keith Wood wrote:
>
>> K0HB@aint.it.awful.org wrote:
>> >
>> > In a previous article, <vlfiscus@mcn.net> writes:
>> > >Amateur Restructuring, Liberal Democrats, and No-Coders.
>> > >
>> > >The FCC's restructuring plan shouldn't be a surprise to
>> > >anyone. After all, it comes out of the Liberal Clinton
>> > >Administration. Conservative republicans are willing to work hard
>> > >for their rewards, but Liberal democrat No-Code CB whiners want
>> > >everything handed to them on a silver platter. The democrat
>> > >whiners want to get ham licenses as easy as they get their welfare
>> > >checks. And the Liberal FCC, part of the Liberal Clinton
>> > >Administration gave the Liberal No-Code CB whiners what they
>> > >wanted, and the rest of us got shafted. Liberal Democrats like
>> > >to steal treasures from the hard workers, and give to those who spend most
>> > >of their time waiting for another government hand-out. When liberals do
>> > >this, it makes them feel important & needed.
>> >
>> > Uhhhhh, I think no-Code amateur radio in the USA was instituted by
>> > the Reagan/Bush administrations.
>>
>> Not only that, it was the Kennedy Administration which chopped all those

>> freqs out of the General band in the first place.
>

412. UO-22 UOSAT5 Status

Newsgroup: rec.radio.amateur.space
Date: 2000-02-01 00:00:00 UTC
From: joepwalker1@webtv.net
Message-ID: <18404-38973D4F-28@storefull-164.iap.bryant.webtv.net>
Source record: 10252

After all of the recent talk about being able to work 9600 baud mobile and the tie in's with APRS - I thought I would give some of the Packet birds a listen.

Last night during a pretty high pass over Central U.S., I heard the UO22 bird but did not hear any audio -- heard an open carrier with the dopplar shift on 435.120 FM but no packet heard.

Are these birds turned off during night passes to save on batteries?

I expected to hear packet similar to what we used to hear on the old MIR passes but heard nothing. I know if was there from the carrier.

Any thoughts?

Thanks and 73's

Joe KB5FAS

413. AO-27 Status

Newsgroup: rec.radio.amateur.space
Date: 2000-02-01 00:00:00 UTC
From: joepwalker1@webtv.net
Message-ID: <18404-38973DAA-29@storefull-164.iap.bryant.webtv.net>
Source record: 10253

Is AO-27 still running weekday passes over the United States? I know the printed info (AMSAT) indicates only weekend opportunities but I remember several months ago it was "open for business" during the weekday passes also.

Thanks

Joe KB5FAS

414. Re: Christ this group has gone downhill !

Newsgroup: rec.radio.amateur.space
Date: 2000-02-01 00:00:00 UTC
From: wb4ofn@rocketmail.com
Message-ID: <38975094.236791123@netnews.worldnet.att.net>
Source record: 10254

On Tue, 1 Feb 2000 18:39:46 -0000, "eavsdropper"
<ian@eavsdropper.dabsol.co.uk> wrote:

>Anyway, anybody know anymore about P3D and it's possible launch date ?.

The "Launch Watch" page at
http://www.amsat.org
may be helpful to you.
73,
Russell Hall WB4OFN

415. Arianespace launch manifest (was Re: Christ this group has gone downhill !)

Newsgroup: rec.radio.amateur.space
Date: 2000-02-01 00:00:00 UTC
From: Will Marchant <kc6rol@amsat.org>
Message-ID: <38975E48.7050DF8B@amsat.org>
Source record: 10255

ArianeSpace has an "upcoming launch" page at
http://www.arianespace.com/status_nearterm.html that goes until the
middle of the year. We can play guessing games with that information...

The newsletter at http://www.arianespace.com/interior/Ariane150AN.pdf
lists Phase 3D as being "compatible with the 5 or 6 Ariane 5 launches in
2000". I doubt that means they are guaranteeing a 2000 launch.

eavsdropper wrote:
>
> I have not been here for a few weeks and what a state this group has
> become, what a crap advert for radio this is nothing but morons moning about
> irrelevant nonsense. Why does it seem to be the U.S in the majority when it
> comes to being a pain in these groups ?.
>
> no dis-respect to a lot of Americans i know here but they really need to
> shut up !.
>
> Anyway, anybody know anymore about P3D and it's possible launch date ?.
>
> thanks
>
> eavsdropper

--
Will Marchant, KC6ROL
CHIPS Lead Software Engineer:
marchant@ssl.berkeley.edu http://chips.ssl.berkeley.edu/
AMSAT-NA SAREX Operations Manager:
kc6rol@amsat.org http://www.citizen.infi.net/~wmarchan/

416. Re: Amateur Restructuring, Liberal Democrats, & No-Coders

Newsgroup: rec.radio.amateur.space
Date: 2000-02-01 00:00:00 UTC
From: Dan/W4NTI <w4nti@my-deja.com>
Message-ID: <8759qn$eo8$1@nnrp1.deja.com>
Source record: 10343
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space

In article <3892740B.FF99B580@bctv.com>,
kw@bctv.com wrote:
>
>
> K0HB@aint.it.awful.org wrote:
> >
> > In a previous article, <vlfiscus@mcn.net> writes:
> > >Amateur Restructuring, Liberal Democrats, and No-Coders.
> > >
> > >The FCC's restructuring plan shouldn't be a surprise to
> > >anyone. After all, it comes out of the Liberal Clinton
> > >Administration. Conservative republicans are willing to work hard
> > >for their rewards, but Liberal democrat No-Code CB whiners want
> > >everything handed to them on a silver platter. The democrat
> > >whiners want to get ham licenses as easy as they get their welfare
> > >checks. And the Liberal FCC, part of the Liberal Clinton
> > >Administration gave the Liberal No-Code CB whiners what they
> > >wanted, and the rest of us got shafted. Liberal Democrats like
> > >to steal treasures from the hard workers, and give to those who
spend most
> > >of their time waiting for another government hand-out. When
liberals do
> > >this, it makes them feel important & needed.
> >
> > Uhhhhh, I think no-Code amateur radio in the USA was instituted by
> > the Reagan/Bush administrations.
>
> Not only that, it was the Kennedy Administration which chopped all
those
> freqs out of the General band in the first place.
>
Sorry but Kennedy was murdered in 1963. Johnson was president for the
remainder of Kennedy's term. He was re elected for 4 years. That
brings it to 68. Incentive licensing was introduced during the Johnson
regime. It was implemented in stages. I received a notice from the FCC
in Summer of 68 for operating in the Extra sub-band (7.010). It was
vacated because I had been out of the country and did not know
the "latest".

Dan/W4NTI
--
"Just tellin the truth, and they cain't stand it."

Sent via Deja.com http://www.deja.com/
Before you buy.

417. Re: Incompetent Extras

Newsgroup: rec.radio.amateur.space
Date: 2000-02-01 00:00:00 UTC
From: Andy Wallace <andywallace@home.com>
Message-ID: <Xupl4.8215$Nv1.794772@news1.rdc2.tx.home.com>
Source record: 10344
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy

This is what minimum wage assembly line people do--I wouldn't brag about
being good at it. :)

Andy K5VM

> More to the point, the
> ability to solder is not at all an indication of technical
> competency anyway.
>
> Cheers,
> Bill K2UNK
>

418. Re: Amateur Restructuring, Liberal Democrats, & No-Coders

Newsgroup: rec.radio.amateur.space
Date: 2000-02-01 00:00:00 UTC
From: Will White <kd7bfx@mindspring.com>
Message-ID: <3896E591.65320558@mindspring.com>
Source record: 10345
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space

thanatos999@my-deja.com wrote:
>
> In article <38949F4D.4D35A5DF@bctv.com>,
> kw@bctv.com wrote:
> >
> > Louis Albert wrote:
> > >
> > > I am a liberal and proud and proud of it!
> >
> > Well, of course.
> >
> > You don't know any better.
>
> What is the saying?
>
> If you are 23 and not a liberal you have no heart, if you are 40 and a
> liberal you have no head?

Or better still: Q: What is the definition of a Conservative?

A: A Liberal that just got mugged.

Will KD7BFX

419. Re: Amateur Restructuring, Liberal Democrats, & No-Coders

Newsgroup: rec.radio.amateur.space
Date: 2000-02-01 00:00:00 UTC
From: Will White <kd7bfx@mindspring.com>
Message-ID: <3896E672.A4492DC@mindspring.com>
Source record: 10346
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

Chip wrote:
>
> On Sun, 30 Jan 2000 14:36:11 -0600, W6RCecilA <Cecil.A.Moore@IEEE.org>
> wrote:
>
> >Louis Albert wrote:
> >> I am a liberal and proud and proud of it!
> >
> >
> >Q: Do you know what they call a liberal who has been mugged?
> >
> >A: A conservative.
>
> Q: Do you know what they call a conservative that has been arrested ?
>
> A: a liberal

Good proof of the axiom that both are bankrupt, corrupt ideologies that have everything to do with imposing oneself on others, and nothing to do with morality, truth, or efficacy. Both of them stink.

Will KD7BFX

420. Re: Posting to eight newsgroups

Newsgroup: rec.radio.amateur.space
Date: 2000-02-01 00:00:00 UTC
From: Will White <kd7bfx@mindspring.com>
Message-ID: <3896E822.7D45F71D@mindspring.com>
Source record: 10347
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

Not only that, but if you are using a news reader much more modern than
TIN, reading a message in one group should mark it as read in the others
as well, so you don't see it twice, unless you want to torture yourself
with everything that everyone else is doing wrong.

Will KD7BFX

Siegfried Rambaum wrote:
>
> > Posting to eight newsgroups at the same time carries some implications
> > that don't even have to be said.
> >
> > Dick McCollum N0BK
>
> Don't cloak yourself in fake mystery.
>
> What are the implications?
>
> They are:
>
> ONE single message, EIGHT newsgroup flags attached to it.
>
> I don't assume, these are unspeakable implications. Or did you really
> believe, that a message posted to eight newsgroups criss crosses the
> internet as EIGHT individual messages, consuming eight times the
> bandwidth? The designers of internet had more brains than that.
> Though you can read the message in eight groups, it only exists ONCE.

421. Re: Amateur Restructuring, Liberal Democrats, & No-Coders

Newsgroup: rec.radio.amateur.space
Date: 2000-02-01 00:00:00 UTC
From: lew mccoy <lewmccoy@uswest.net>
Message-ID: <3897227C.8BAB8422@uswest.net>
Source record: 10348
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

I just got through wading through all the restructuring comments.--I think I have probably been around many years longer than most of you abd I can make a few observations. The FCC has acted--it did not listen to ARRL, Fred Maia, or many others--it did listen to QCWA. But no matter, it is over and it is what we have to live with--and the guy that was complaining about dems and repubs--that is inane--national politics has very little to o with amateujr radio--I should know because I spent a great deal of time in Washington. (DC) dealing with the bandits down there. The only time the pols are going to get into the act is when your neihbor has TVI--then we have troubles

Lew McCoy, W1ICP/7

Keith Wood wrote:

> K0HB@aint.it.awful.org wrote:
> >
> > In a previous article, <vlfiscus@mcn.net> writes:
> > >Amateur Restructuring, Liberal Democrats, and No-Coders.
> > >
> > >The FCC's restructuring plan shouldn't be a surprise to
> > >anyone. After all, it comes out of the Liberal Clinton
> > >Administration. Conservative republicans are willing to work hard
> > >for their rewards, but Liberal democrat No-Code CB whiners want
> > >everything handed to them on a silver platter. The democrat
> > >whiners want to get ham licenses as easy as they get their welfare
> > >checks. And the Liberal FCC, part of the Liberal Clinton
> > >Administration gave the Liberal No-Code CB whiners what they
> > >wanted, and the rest of us got shafted. Liberal Democrats like
> > >to steal treasures from the hard workers, and give to those who spend most
> > >of their time waiting for another government hand-out. When liberals do
> > >this, it makes them feel important & needed.
> >
> > Uhhhhh, I think no-Code amateur radio in the USA was instituted by
> > the Reagan/Bush administrations.
>
> Not only that, it was the Kennedy Administration which chopped all those
> freqs out of the General band in the first place.

422. Re: UO-22 UOSAT5 Status

Newsgroup: rec.radio.amateur.space
Date: 2000-02-02 00:00:00 UTC
From: Laura Halliday <va3ldh@sympatico.ca>
Message-ID: <3897861C.21D2C9BB@sympatico.ca>
Source record: 10256

Joe Walker wrote:
>
> After all of the recent talk about being able to work 9600 baud mobile
> and the tie in's with APRS - I thought I would give some of the Packet
> birds a listen.
>
> Last night during a pretty high pass over Central U.S., I heard the UO22
> bird but did not hear any audio -- heard an open carrier with the
> dopplar shift on 435.120 FM but no packet heard.
>
> Are these birds turned off during night passes to save on batteries?
>
> I expected to hear packet similar to what we used to hear on the old MIR
> passes but heard nothing. I know if was there from the carrier.

What were you expecting to hear? 9600 baud MSK sounds like noise
(to humans, anyway...), not at all like the AFSK stuff Mir used to
send.

UO-22 is having some thermal problems due to long-term changes in
its orbit. This is all well documented - check the ANS pages on
the AMSAT-NA web page.
--
Laura Halliday VA3LDH "Laisse le vent tout emporter..."
Grid: FN03gs - Foly/Viennet

423. List of the rec.radio newsgroups

Newsgroup: rec.radio.amateur.space
Date: 2000-02-02 00:00:00 UTC
From: jeffreyh@Hawaii.Edu
Message-ID: <8782r6$8gn$1@news.hawaii.edu>
Source record: 10257
Cross-posted to: rec.radio.amateur.space,rec.radio.broadcasting,rec.radio.cb

Archive-name: radio/personal-brief-introduction

In an effort help ensure a poster's article reaches the appropriate audience, below is a list of the rec.radio newsgroups. In most cases, a group's name will explain its purpose. Cross-posting should rarely be necessary.

rec.radio.broadcasting (devoted to the broadcast industry; moderated)
rec.radio.cb
rec.radio.info (periodic informational bulletins; moderated)
rec.radio.scanner
rec.radio.shortwave
rec.radio.swap (for buying, selling, and trading; not a discussion group)

rec.radio.amateur.antenna
rec.radio.amateur.boatanchors (tube-type communications equipment)
rec.radio.amateur.digital.misc (packet, pactor and other digital modes)
rec.radio.amateur.dx (long-distance amateur communications)
rec.radio.amateur.equipment (questions, comments regarding commercially-built amateur gear; not for buying/selling)
rec.radio.amateur.homebrew (devoted to home-building ham gear)
rec.radio.amateur.policy (issues include code, restructuring, local restrictions in conflict with FCC R&R)
rec.radio.amateur.space (satellites, meteor scatter, EME)
rec.radio.amateur.misc (any topic not covered in the above groups)

(At least two other English language radio hierarchies exist, prefixed with "uk" (United Kingdom), and "aus" (Australia), in place of "rec.")

Again, cross-posting should rarely be necessary. Many times, a long-running thread results from a single cross-posted article, and its content drifts further and further away from being "on-topic" in the various NGs which receive each and every followup.

For more detailed information, see "Guide to the Rec.radio Newsgroups" posted on the 15th of each month.

Jeffrey Herman, KH6O

424. Re: Amateur Restructuring, Liberal Democrats, & No-Coders

Newsgroup: rec.radio.amateur.space
Date: 2000-02-02 00:00:00 UTC
From: wf3h@ptd.net
Message-ID: <38979210.193298006@news.ptd.net>
Source record: 10258
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

On Tue, 01 Feb 2000 11:14:20 -0700, lew mccoy <lewmccoy@uswest.net>
wrote:

>I just got through wading through all the restructuring comments.--I think I have
>probably been around many years longer than most of you abd I can make a few
>observations. The FCC has acted--it did not listen to ARRL, Fred Maia, or many
>others--it did listen to QCWA. But no matter, it is over and it is what we have
>to live with--and the guy that was complaining about dems and repubs--that is
>inane--national politics has very little to o with amateujr radio--I should know
>because I spent a great deal of time in Washington. (DC) dealing with the
>bandits down there. The only time the pols are going to get into the act is
>when your neihbor has TVI--then we have troubles
>
>Lew McCoy, W1ICP/7
>
>

nice to see ya lew...always done a fine job....

425. Re: Incompetent Extras

Newsgroup: rec.radio.amateur.space
Date: 2000-02-02 00:00:00 UTC
From: Keith Wood <kw@bctv.com>
Message-ID: <3897A61E.CFF2D2A3@bctv.com>
Source record: 10259
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy

Bill Sohl wrote:
>
> On Sun, 30 Jan 2000 16:02:59 +0000, Keith Wood <kw@bctv.com> wrote:
> >Why would I be embarrassed? It isn't like Jeff is going to call him up
> >and hear "Yup, I dunno the first thing about working on radios." The
> >ham in question made a big name for himself in the Prescott, Arizona
> >area in the late 1980s. I have no idea if he is still there or not, and
> >I really don't much care. I stopped paying attention to him after the
> >mike-jack incident and after I had to make a 120-mile round trip to go
> >turn a serial cable into a null-modem cable because he wasn't able to
> >desolder and resolder two leads in a DB9 connector.
>
> The trouble is these damn connectors keep getting
> smaller while I keep getting older.

Not the problem in his case. He was in his early 30s.

> I'd just as soon
> NOT have to solder DB9 connectors at all unless it
> was an emergency repair.
>
> More to the point, the
> ability to solder is not at all an indication of technical
> competency anyway.

I disagree. Soldering is THE basic skill of electronics technical
competency.

426. Re: Incompetent Extras

Newsgroup: rec.radio.amateur.space
Date: 2000-02-02 00:00:00 UTC
From: Keith Wood <kw@bctv.com>
Message-ID: <3897A656.87900687@bctv.com>
Source record: 10260
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy

```
No, but wouldn't you be ashamed if the world knew that you were unable
to do something that minimum-wage assembly line people do all day long?

Andy Wallace wrote:
>
> This is what minimum wage assembly line people do--I wouldn't brag about
> being good at it. :)
>
> Andy K5VM
>
> > More to the point, the
> > ability to solder is not at all an indication of technical
> > competency anyway.
> >
> > Cheers,
> > Bill K2UNK
> >
```

427. Re: Amateur Restructuring, Liberal Democrats, & No-Coders

Newsgroup: rec.radio.amateur.space
Date: 2000-02-02 00:00:00 UTC
From: Keith Wood <kw@bctv.com>
Message-ID: <3897AB1C.805FD325@bctv.com>
Source record: 10261
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space

```
Dan/W4NTI wrote:
>
> In article <3892740B.FF99B580@bctv.com>,
> kw@bctv.com wrote:
> >
> >
> > K0HB@aint.it.awful.org wrote:
> > >
> > > In a previous article, <vlfiscus@mcn.net> writes:
> > > >Amateur Restructuring, Liberal Democrats, and No-Coders.
> > > >
> > > >The FCC's restructuring plan shouldn't be a surprise to
> > > >anyone. After all, it comes out of the Liberal Clinton
> > > >Administration. Conservative republicans are willing to work hard
> > > >for their rewards, but Liberal democrat No-Code CB whiners want
> > > >everything handed to them on a silver platter. The democrat
> > > >whiners want to get ham licenses as easy as they get their welfare
> > > >checks. And the Liberal FCC, part of the Liberal Clinton
> > > >Administration gave the Liberal No-Code CB whiners what they
> > > >wanted, and the rest of us got shafted. Liberal Democrats like
> > > >to steal treasures from the hard workers, and give to those who
> spend most
> > > >of their time waiting for another government hand-out. When
> liberals do
> > > >this, it makes them feel important & needed.
> > >
> > > Uhhhhh, I think no-Code amateur radio in the USA was instituted by
> > > the Reagan/Bush administrations.
> >
> > Not only that, it was the Kennedy Administration which chopped all
> those
> > freqs out of the General band in the first place.
> >
> Sorry but Kennedy was murdered in 1963. Johnson was president for the
> remainder of Kennedy's term. He was re elected for 4 years. That
> brings it to 68. Incentive licensing was introduced during the Johnson
> regime.

Close, but no cigar. Check QST in 1962, and the 1963 edition of the
ARRL licensing book. Incentive licensing was in place before Kennedy
was gone.
```

428. Re: Arianespace launch manifest (was Re: Christ this group has gone downhill !)

Newsgroup: rec.radio.amateur.space
Date: 2000-02-02 00:00:00 UTC
From: eavsdropper <ian@eavsdropper.dabsol.co.uk>
Message-ID: <wZVl4.2717$O4.111616@wards>
Source record: 10262

thank you WIll !.

Will Marchant wrote in message <38975E48.7050DF8B@amsat.org>...
>ArianeSpace has an "upcoming launch" page at
>http://www.arianespace.com/status_nearterm.html that goes until the
>middle of the year. We can play guessing games with that information...
cut----------

429. Re: Incompetent Extras

Newsgroup: rec.radio.amateur.space
Date: 2000-02-02 00:00:00 UTC
From: billsohl@interactive.net
Message-ID: <38986f78.5869180@news.interactive.net>
Source record: 10263
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy

On Wed, 02 Feb 2000 03:35:58 +0000, Keith Wood <kw@bctv.com> wrote:

>Bill Sohl wrote:
>> On Sun, 30 Jan 2000 16:02:59 +0000, Keith Wood <kw@bctv.com> wrote:
>> >Why would I be embarrassed? It isn't like Jeff is going to call him up
>> >and hear "Yup, I dunno the first thing about working on radios." The
>> >ham in question made a big name for himself in the Prescott, Arizona
>> >area in the late 1980s. I have no idea if he is still there or not, and
>> >I really don't much care. I stopped paying attention to him after the
>> >mike-jack incident and after I had to make a 120-mile round trip to go
>> >turn a serial cable into a null-modem cable because he wasn't able to
>> >desolder and resolder two leads in a DB9 connector.
>>
>> The trouble is these damn connectors keep getting
>> smaller while I keep getting older.
>
>Not the problem in his case. He was in his early 30s.
>
>> I'd just as soon
>> NOT have to solder DB9 connectors at all unless it
>> was an emergency repair.
>>
>> More to the point, the
>> ability to solder is not at all an indication of technical
>> competency anyway.
>
>I disagree. Soldering is THE basic skill of electronics technical
>competency.

Not so. Most R&D folks have their stuff assembled and
built by lower level techs. The cost of an R&D person
is too valuable for basic assembly work.

Cheers,
Bill K2UNK

430. Re: Amateur Restructuring, Liberal Democrats, & No-Coders

Newsgroup: rec.radio.amateur.space
Date: 2000-02-02 00:00:00 UTC
From: Bigdad <Bigdad@tefbbs.com>
Message-ID: <3898A977.4B84BFB4@tefbbs.com>
Source record: 10264
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

I dont see anyone whinin...except for you and a handful of others...its the year 2000 for Gods sake and it was time to update a antiquated system.

431. Re: Incompetent Extras

Newsgroup: rec.radio.amateur.space
Date: 2000-02-02 00:00:00 UTC
From: Don W6JL <W6JL@ixpres.com>
Message-ID: <3898921F.6175@ixpres.com>
Source record: 10265
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy

Bill OM,

Maybe most, but not all. I design PC layouts, acquire parts,
assemble, and solder my own prototype circuits still, (including SMT
boards) even after 34 years as a design engineer, and I for one like it
that way. Apparently my employer does not consider that to be too
expensive :)

73,
Don, W6JL

>
> Not so. Most R&D folks have their stuff assembled and
> built by lower level techs. The cost of an R&D person
> is too valuable for basic assembly work.
>
> Cheers,
> Bill K2UNK

--
ï¿½ï¿½à¡±ï¿½

432. Re: Incompetent Extras

Newsgroup: rec.radio.amateur.space
Date: 2000-02-02 00:00:00 UTC
From: <>
Message-ID: <87a6jsrmo1@nntp3.atl.mindspring.net>
Source record: 10266
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy

Keith Wood <kw@bctv.com> wrote in message news:3897A61E.CFF2D2A3@bctv.com...
>
> I disagree. Soldering is THE basic skill of electronics technical
> competency.

Maybe the FCC should drop code AND theory testing and only test for
soldering ability.

73 John, KO0D

433. InstantTrack Y2K again

Newsgroup: rec.radio.amateur.space
Date: 2000-02-02 00:00:00 UTC
From: nick <ku2a@worldnet.att.net>
Message-ID: <3898A9A2.F93D7465@worldnet.att.net>
Source record: 10267

```
Where can I find a copy of CVITK_EN.zip?
I can't find any reference to F6HHC (the author) or the program.
tks -nick
```

434. Re: Amateur Restructuring, Liberal Democrats, & No-Coders

Newsgroup: rec.radio.amateur.space
Date: 2000-02-03 00:00:00 UTC
From: Robert Taylor <rtaylor@fallschurch.esys.com>
Message-ID: <389961C8.EE0C1B2A@fallschurch.esys.com>
Source record: 10268
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

"Who Moved My Cheese" - Read the book - Change happens - Adapt or become extinct.

Dwight Stewart wrote:

> Bigdad wrote:
> >
> > I dont see anyone whinin...except for you and a handful of others...its
> > the year 2000 for Gods sake and it was time to update a antiquated
> > system.
>
> Thats what we heard all through the 90's to justify change - its the
> 90's. It did not make any more sense in the 90's than it does now.
> What in the heck does a change of a date have to do with some vague
> obligation to change the way we do things?
>
> In other words, why if it time for a change just because it is the
> year 2000? Are you saying that just because January 1st has come, it is
> time to change everything that existed the day before (December 31st)?
>
> Dwight Stewart (W5NET)

435. Re: Amateur Restructuring, Liberal Democrats, & No-Coders

Newsgroup: rec.radio.amateur.space
Date: 2000-02-03 00:00:00 UTC
From: busdriver@mobiletel.com
Message-ID: <38996b97.175587127@nntp.mobiletel.com>
Source record: 10269
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

I ALWAYS SAY (INNOVATE OR
EVAPORATE).....HEHE BusDriver

>"Who Moved My Cheese" - Read the book - Change happens - Adapt or become
>extinct.
>
>Dwight Stewart wrote:
>
>> Bigdad wrote:
>> >
>> > I dont see anyone whinin...except for you and a handful of others...its
>> > the year 2000 for Gods sake and it was time to update a antiquated
>> > system.
>>
>> Thats what we heard all through the 90's to justify change - its the
>> 90's. It did not make any more sense in the 90's than it does now.
>> What in the heck does a change of a date have to do with some vague
>> obligation to change the way we do things?
>>
>> In other words, why if it time for a change just because it is the
>> year 2000? Are you saying that just because January 1st has come, it is
>> time to change everything that existed the day before (December 31st)?
>>
>> Dwight Stewart (W5NET)
>

BUSDRIVER@MOBILETEL.COM
WEB SITE BUSDRIVER.ORG
Falgout's C.B. & Sign Shop
4298 Hwy 90 East
DesAllemands La. 70030
1-800-303-5152
BusDriver

436. Re: InstantTrack Y2K again

Newsgroup: rec.radio.amateur.space
Date: 2000-02-03 00:00:00 UTC
From: Peter Hodgson <va3pkh@rac.ca>
Message-ID: <389973E3.FB2BB6B8@rac.ca>
Source record: 10270

Hi Nick

Go to http://www.amsatnet.com/
Scroll to the bottom of the page.
73
Peter
VA3PKH

nick wrote:

> Where can I find a copy of CVITK_EN.zip?
> I can't find any reference to F6HHC (the author) or the program.
> tks -nick

437. Re: Amateur Restructuring, Liberal Democrats, & No-Coders

Newsgroup: rec.radio.amateur.space
Date: 2000-02-03 00:00:00 UTC
From: thanatos999@my-deja.com
Message-ID: <87csdhune1@nnrp1.deja.com>
Source record: 10271
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc

In article <389961C8.EE0C1B2A@fallschurch.esys.com>,
Robert Taylor <rtaylor@fallschurch.esys.com> wrote:
> "Who Moved My Cheese" - Read the book - Change happens - Adapt or
become
> extinct.

How ham radio is regulated has nothing to do with personal survival or species survival. Better luck next time.

No one has YET shown how this BS of theirs is better for anyone except two groups:

1) NCI type whiners who refuse to work for what they want, preferring to whine for what they want, and who sit there holding their breath and stamping their little feet until the FCC wimps cave in and give them what they demand, and

2) Commercial interests who could not care less about ham radio and fall into two groups... those who seek to sell more radios to increase their bottom line and those who slaver over the idea of ham radio's demise so they can turn a profit from what they generally considered unproductive resources.

Sorry, but I for one am not interested in benefitting EITHER of those groups.

And ham radio suffers either way.

Some 'improvement'... NOT!

> Dwight Stewart wrote:
>
> > Bigdad wrote:
> > >
> > > I dont see anyone whinin...except for you and a handful of
others...its
> > > the year 2000 for Gods sake and it was time to update a antiquated
> > > system.
> >
> > Thats what we heard all through the 90's to justify change - its
the
> > 90's. It did not make any more sense in the 90's than it does now.
> > What in the heck does a change of a date have to do with some vague
> > obligation to change the way we do things?
> >
> > In other words, why if it time for a change just because it is the

> > year 2000? Are you saying that just because January 1st has come,
it is
> > time to change everything that existed the day before (December
31st)?
> >
> > Dwight Stewart (W5NET)
>
>

Sent via Deja.com http://www.deja.com/
Before you buy.

438. New to the "BIRDS"

Newsgroup: rec.radio.amateur.space
Date: 2000-02-03 00:00:00 UTC
From: kc5zzk@aol.com
Message-ID: <20000203104825.25735.00001229@ng-ff1.aol.com>
Source record: 10272

Hello. I'm getting started in satellite work. Has any one heard of or used
a method of Eclipiticaly, spelling may not be correct!!, phasing of antennas?
I read something about it some time ago, and now cannot remember where I had
read it. If I recall correctly, it was a method of phasing yagi antennas.
Again, being new, i'm really struggling with trackig programs.
WinOrbit/Instatrak. I see by other postings, others are as well.
any advice appreciated! 73 Dennis

439. Re: Amateur Restructuring, Liberal Democrats, & No-Coders

Newsgroup: rec.radio.amateur.space
Date: 2000-02-03 00:00:00 UTC
From: Joe <joeamp@mindspring.com>
Message-ID: <87c8h1$905$1@nntp6.atl.mindspring.net>
Source record: 10273
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

Bull Sh*t, Who ever said a change for the worse counted.
Example:
Here in New York we have the still married wife of a unconvicted rapist, liar, adultery committer and her team of Hollyweird freaks and screw ball's. All scripting a freak show using an *acquired empty house* to make her a senator..... to make things better, LOL

She has never been on the subway or come to see her *new* favorite New York ball, and hockey team's in fear of getting the Bronx cheer as well as Booed on TV.
Yet Rev.Al (a frequent guest of every jail) and the hordes work capable healthy welfare dwellers, homeless felons, ileagels and feminist's love her.
That is can not be good a good sign, its common sense.
Keep liberals out as long as you can.
NO THANKS !

>BUSDRIVER@MOBILETEL.COM Wrote SNIPP:
I ALWAYS SAY (INNOVATE OR EVAPORATE).....HEHE BusDriver
>"Who Moved My Cheese" - Read the book - Change happens - Adapt or become
>extinct.

>WEB SITE BUSDRIVER.ORG
>Falgout's C.B. & Sign Shop
>4298 Hwy 90 East
>DesAllemands La. 70030
>1-800-303-5152
>BusDriver

440. Manuals/Schematics Needed

Newsgroup: rec.radio.amateur.space
Date: 2000-02-03 00:00:00 UTC
From: Jon Maguire <maguire@tampabay.rr.com>
Message-ID: <3899AD5C.7D431F9D@tampabay.rr.com>
Source record: 10274

Does anyone have manuals for the Paccomm PSK1 and TNC-NB96 units? I'd be glad to reimburse expenses for copying and mailing. Thanks and 73... Jon W1MNK

441. Re: Manuals/Schematics Needed

Newsgroup: rec.radio.amateur.space
Date: 2000-02-03 00:00:00 UTC
From: Jon Maguire <maguire@tampabay.rr.com>
Message-ID: <3899B5DC.6DD67F6F@tampabay.rr.com>
Source record: 10275

Just found them in a pile of rubble in the shack!! Is anyone using this combo for PacSat work? Thanks and 73... Jon W1MNK

Jon Maguire wrote:

> Does anyone have manuals for the Paccomm PSK1 and TNC-NB96 units? I'd be
> glad to reimburse expenses for copying and mailing. Thanks and 73... Jon
> W1MNK

442. Re: Amateur Restructuring, Arch-conservatives (like Republicans) & No-Coders

Newsgroup: rec.radio.amateur.space
Date: 2000-02-03 00:00:00 UTC
From: Joe Malloy <jmalloy@borg.com>
Message-ID: <3899f0ce.0@nntp2.borg.com>
Source record: 10276
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

It'd be true if it meant a change for the worse, like electing that G-man,
but fortunately we have a choice.

> Bull Sh*t, Who ever said a change for the worse counted.
> Example:
> Here in New York we have the still married wife of a unconvicted rapist,

Prove it, if you think you can.

W2RBA

443. Re: Amateur Restructuring, Arch-conservatives (like Republicans) & No-Coders

Newsgroup: rec.radio.amateur.space
Date: 2000-02-03 00:00:00 UTC
From: Joe <joeamp@mindspring.com>
Message-ID: <87cuupscv1@nntp3.atl.mindspring.net>
Source record: 10277
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

>Prove it, if you think you can.
Thats impossible, power and money
gets you a get out of jail free
card.

>like electing that G-man, but
fortunately we have a choice.
Hey, that native G Man has forced
80+percent the low life scum and
freeloaders out of here and made
NYC a safe fun place again for the
first time in 35 + years.

Unfortunately whoever is not in
jail has already been shot and
killed or relocated to LA and
warmer climates to live and get
away with *crap* with help from
open armed liberals, I could see
why you do not like this.

Joe Malloy wrote in message
<3899f0ce.0@nntp2.borg.com>...
>It'd be true if it meant a change
for the worse, like electing that
G-man,
>but fortunately we have a choice.
>
>> Bull Sh*t, Who ever said a
change for the worse counted.
>> Example:
>> Here in New York we have the
still married wife of a unconvicted
rapist,
>
>Prove it, if you think you can.
>
>W2RBA
>
>

444. Re: Amateur Restructuring, Arch-conservatives (like Republicans) & No-Coders

Newsgroup: rec.radio.amateur.space
Date: 2000-02-03 00:00:00 UTC
From: lew mccoy <lewmccoy@uswest.net>
Message-ID: <389A0A60.C26935EA@uswest.net>
Source record: 10278
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

I have been aroun d a helluva lot longer tan most of hyou and my primary observation is simple--isn't this suppose to be a group interested in antennas? Let's cujt out all this ccrap--we are not going to change anything by complaints.

73 Lew McCoy. W1ICP/7

Joe wrote:

> >Prove it, if you think you can.
> Thats impossible, power and money
> gets you a get out of jail free
> card.
>
> >like electing that G-man, but
> fortunately we have a choice.
> Hey, that native G Man has forced
> 80+percent the low life scum and
> freeloaders out of here and made
> NYC a safe fun place again for the
> first time in 35 + years.
>
> Unfortunately whoever is not in
> jail has already been shot and
> killed or relocated to LA and
> warmer climates to live and get
> away with *crap* with help from
> open armed liberals, I could see
> why you do not like this.
>
> Joe Malloy wrote in message
> <3899f0ce.0@nntp2.borg.com>...
> >It'd be true if it meant a change
> for the worse, like electing that
> G-man,
> >but fortunately we have a choice.
> >
> >> Bull Sh*t, Who ever said a
> change for the worse counted.
> >> Example:
> >> Here in New York we have the
> still married wife of a unconvicted

> rapist,
> >
> >Prove it, if you think you can.
> >
> >W2RBA
> >
> >

445. 9600 DIGITAL BIRDS Question

Newsgroup: rec.radio.amateur.space
Date: 2000-02-03 00:00:00 UTC
From: Tate Jackson <tatejackson@mindspring.com>
Message-ID: <87dkf0$el3$1@nntp4.atl.mindspring.net>
Source record: 10279

How critical is it to adjust for Doppler shift on the uplink and/or downlink of the 9600 baud pacsats. Could one set the transmitter and receiver on the nominal frequency and still copy transmit and receive small files and APRS position reports?

Tate
N3BXZ

--
****
"In order to make an apple pie
from scratch, you must first
create the universe."

-- Carl Sagan, Cosmos
****
ICQ # 24239884
AOL IM tate trac
fax 707-276-3829

446. Re: Amateur Restructuring, Liberal Democrats, & No-Coders

Newsgroup: rec.radio.amateur.space
Date: 2000-02-04 00:00:00 UTC
From: Dwight Stewart <stewart@amouse.net>
Message-ID: <389AC055.C5A164A8@amouse.net>
Source record: 10280
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

Robert Taylor wrote:
>
> "Who Moved My Cheese" - Read the book -
> Change happens - Adapt or become
> extinct.

You're changeing the subject instead of answering the question, Robert. The subject is not about change. The subject is about why a date is a reason for change.

What does a date have to do with change? Why does a date justify change? Why do people say, "its the year 2000," to justify the change they want, when the year 2000 is a date, not a reason?

It would make just about as much sense to say the sky is blue, so we have to change ... (insert whatever). There is simply no connection between the two.

Dwight Stewart (W5NET)

447. Re: Amateur Restructuring, Liberal Democrats, & No-Coders

Newsgroup: rec.radio.amateur.space
Date: 2000-02-04 00:00:00 UTC
From: Mark Flanagan <markf@cshore.com>
Message-ID: <s9lh59mgdh19@corp.supernews.com>
Source record: 10281
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

Well that's not true. The sky is always blue it is the year 2000 for the first time. I believe the correct interpretation is , "There is no time like the present."

Mark, K1MKF

Dwight Stewart <stewart@amouse.net> wrote in message news:389AC055.C5A164A8@amouse.net...
>
> It would make just about as much sense to say the sky is blue, so we
> have to change ... (insert whatever). There is simply no connection
> between the two.
>
>
> Dwight Stewart (W5NET)

448. Re: 9600 DIGITAL BIRDS Question

Newsgroup: rec.radio.amateur.space
Date: 2000-02-04 00:00:00 UTC
From: Laura Halliday <va3ldh@sympatico.ca>
Message-ID: <389AE0C3.69B9B8DA@sympatico.ca>
Source record: 10282

Tate Jackson wrote:
>
> How critical is it to adjust for Doppler shift on the uplink and/or downlink
> of the 9600 baud pacsats. Could one set the transmitter and receiver on the
> nominal frequency and still copy transmit and receive small files and APRS
> position reports?

It's moderately cricital, especially since the 70cm
downlink Doppler (12 kHz) is wider than most receiver's
IF filters.

For optimal results you want the frequency right on the
nose. How far off you can get away with depends on your
radio and modem. Why not try it and see?
--
Laura Halliday VA3LDH "Laisse le vent tout emporter..."
Grid: FN03gs - Foly/Viennet

449. Re: Posting to eight newsgroups

Newsgroup: rec.radio.amateur.space
Date: 2000-02-04 00:00:00 UTC
From: Mark Fergerson <mfergerson1@home.com>
Message-ID: <389B3647.C39008B7@home.com>
Source record: 10283
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

<delurk>

Tomas - NW7US wrote:

<snip>

> Anyone want to express opinions regaring building all the coils and capacitors out of raw materials and junk? Like chewing gum wrappers??? Oh, that'd mean I'd need a TR switch setup to isolate it during transmit... hmmm. Dratted QRM.

Since the stuff I snipped had no mention of any specific construction project, I'll assume you meant the traps for your gravity-inverted vee.

Why not? As I've mentioned here (RRAA) before, Hams used to be able to build their own _tubes_! Tasks like winding coils and stacking caps are cake compared to glassblowing, and much safer (silicosis).

There is the problem of assuring value stability once the parts are built. You can calculate of course, but edge effect creep in with caps, and inductors like to "grab" nearby magnetic materials and change their values. Coils are fairly easy to tweak if you make provision for that during construction, but trimming a homemande cap can make you crazy. Choose wire size and foil/dielectric for power-handling capacity, and go for it. Oh, and don't worry about the smoke, it's traditional ;>)

Mark L. Fergerson

<relurk>

450. Re: 5 WPM ain't a code test. was Re: Code Exam "Disability" Waivers

Newsgroup: rec.radio.amateur.space
Date: 2000-02-04 00:00:00 UTC
From: Andy Wallace <andywallace@home.com>
Message-ID: <uYFm4.13009$Nv1.1198991@news1.rdc2.tx.home.com>
Source record: 10284
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

Thousands of poor souls must have considered the exams for the last five years tough. The number of Generals has been about equal to the number of Advanced holders. If the exams were so easy, why didn't the thousands of Generals upgrade?? no code was required. What makes anybody think these Generals who couldn't--or wouldn't--pass the Advanced exam will now jump to Extra??

Andy K5VM

Mike Yetsko <joe@user.com> wrote in message
news:V4oi4.1962$lN4.105246@newsread1.prod.itd.earthlink.net...
> I like this!!
>
> > BRINGS up an interesting question - when WERE the exams
> "difficult" -
> > only when *I* took them...?
>
> It sounds an awful lot like my dad, with the "I had to walk three miles
> to
> school everyday, even in bad weather. And if our shoes had holes in
> them, our feet got wet!" But I guess my dad was pretty well off. I've
> heard from others their dads would claim they were barefoot in the
> winter.
>
> Mike
>
>
>
> Gary - KJ6Q <davison7@gte.net> wrote in message
> news:9c7i4.663$oa7.23431@dfiatx1-snr1.gtei.net...
> > W6RCecilA <Cecil.A.Moore@IEEE.org> wrote
> > The ham exams in 50s and 60s were no more difficult
> > > than they are today. In a lot of ways, they were less difficult
> > > than the exams are today. The ARS had already been dumbed down
> > > when you took your first ham exam.
> > > --
> > > 73, Cecil,
> >
> > BRINGS up an interesting question - when WERE the exams "difficult" -
> > only when *I* took them...?
> >
> > 8^)
> >
> >

> > Gary - KJ6Q
> > = = = = = = = =
> > Legally required trigger locks on home protection guns is
> > as STUPID as placing a cars emergency brake in the TRUNK!
> >
> >
>
>

451. Re: 5 WPM ain't a code test. was Re: Code Exam "Disability" Waivers

Newsgroup: rec.radio.amateur.space
Date: 2000-02-04 00:00:00 UTC
From: R Lindberg / E Winnie <rlindber@kendaco.telebyte.com>
Message-ID: <Pine.LNX.3.96.1000204122012.25686A-100000@kendaco.telebyte.com>
Source record: 10285
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

On Fri, 4 Feb 2000, Andy Wallace wrote:

> Thousands of poor souls must have considered the exams for the last five
> years tough. The number of Generals has been about equal to the number of
> Advanced holders. If the exams were so easy, why didn't the thousands of
> Generals upgrade?? no code was required. What makes anybody think these
> Generals who couldn't--or wouldn't--pass the Advanced exam will now jump to
> Extra??
Something I have wondered as well, for many people the theory is just as
bad as the code (or worse).

There will be some upgrades, there will be some new Generals/Extras. The
average age of Hams will still go up. Also, after the first 'burp' of
new/upgrades has happened, the number of Hams will go -down-.

This is due to a number of factors: 1) Most people (us included I guess)
would rather be on the 'Net on then on the air. 2)It will still be
"difficult" to become a Ham (while all it will take to get on the 'Net is
$$$). 3)The attitude of some shown here will be reflected (just as it was
on the no-Code Techs), causing the new Hams to feel unwelcome, and they
will drop out.

The FCC handed us a flawed policy, the best we can do is live with it
and -NOT- blame the new/upgraded Hams. Else we -will- drive them away and
the the hobby -will- die.

Ralph Lindberg N7BSN <n7bsn@amsat.org> ICQ#5988954
RV and Camping FAQ <http://kendaco.telebyte.net/rlindber/rv/>
Oh Bother said the Borg, we've assimilated Po

452. Re: 5 WPM ain't a code test. was Re: Code Exam "Disability" Waivers

Newsgroup: rec.radio.amateur.space
Date: 2000-02-04 00:00:00 UTC
From: W6RCecilA <Cecil.A.Moore@IEEE.org>
Message-ID: <389B37C0.635641A5@IEEE.org>
Source record: 10286
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

Andy Wallace wrote:
> Thousands of poor souls must have considered the exams for the last five
> years tough. The number of Generals has been about equal to the number of
> Advanced holders. If the exams were so easy, why didn't the thousands of
> Generals upgrade?? no code was required. What makes anybody think these
> Generals who couldn't--or wouldn't--pass the Advanced exam will now jump to
> Extra??

Exactly, I predict a bunch of tech+'s jumping to general for the privileges.
I predict a bunch of advanced jumping to extra. I predict the great majority
of generals not jumping to extra.
--
73, Cecil, W6RCA http://www.mindspring.com/~w6rca

453. Re: 5 WPM ain't a code test. was Re: Code Exam "Disability" Waivers

Newsgroup: rec.radio.amateur.space
Date: 2000-02-04 00:00:00 UTC
From: "D. Townsend" <pog@bellsouth.net>
Message-ID: <eNHm4.8199$Fk.113047@news2.mia>
Source record: 10287
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

W6RCecilA wrote in message <389B37C0.635641A5@IEEE.org>...
>Andy Wallace wrote:
>> Thousands of poor souls must have considered the exams for the last five
>> years tough. The number of Generals has been about equal to the number of
>> Advanced holders. If the exams were so easy, why didn't the thousands of
>> Generals upgrade?? no code was required. What makes anybody think these
>> Generals who couldn't--or wouldn't--pass the Advanced exam will now jump
to
>> Extra??
>
>Exactly, I predict a bunch of tech+'s jumping to general for the
privileges.
>I predict a bunch of advanced jumping to extra. I predict the great
majority
>of generals not jumping to extra.
>--
>73, Cecil, W6RCA http://www.mindspring.com/~w6rca

Don't know Cecil when I took the General test at the first of January there were nine people there all were Generals or Technician plus operators upgrading. We went back to take the Extra Test on the Second of February and there were over 30 people there mostly Technician plus and Generals upgrading and several old time Advanced operators taking the Extra test. Several more were taking the five word per minute test on their way to getting a General or higher license class.

I have been to one of these session several times the last few years and while they usually had five or six people each time, I have never seen it where they had to use every table in the room and add four more along the wall just to accommodate all the people who wanted to upgrade.

The same has been happening at other sites around here. The one where I took the advance Test usually had only three to five people upgrading on average and they had twenty people taking the test. again most of the people upgrading were long time Generals or Advanced class operators on their way to getting their Extra class ticket.

Maybe this area is just a isolated occurrence but I am willing to bet that the number of people who will upgrade to General or higher will far exceed what most of the PCA's think. I know they would like to believe that anyone who has not passed a twenty word code test in the past has no interest in upgrading their license class but I strongly suspect that will be wishful thinking on their part.

Now before old Dick or one of his cronies cries out that these people are not real operators and are taking the easy way, let me say Most of those I talked with were long time Advanced and General class Amateurs and more than one told of taking his last test in front of a FCC official.

Ex-KF4HMN

454. Re: 5 WPM ain't a code test. was Re: Code Exam "Disability" Waivers

Newsgroup: rec.radio.amateur.space
Date: 2000-02-04 00:00:00 UTC
From: W6RCecilA <Cecil.A.Moore@IEEE.org>
Message-ID: <389B6218.98A83B1C@IEEE.org>
Source record: 10288
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

D. Townsend wrote:
> Now before old Dick or one of his cronies cries out that these people are
> not real operators and are taking the easy way, let me say Most of those I
> talked with were long time Advanced and General class Amateurs and more than
> one told of taking his last test in front of a FCC official.

Dick is suffering from sour grapes because he can't upgrade and therefore
can't learn something new. :-)
--
73, Cecil, W6RCA http://www.mindspring.com/~w6rca

455. Re: Amateur Restructuring, Liberal Democrats, & No-Coders

Newsgroup: rec.radio.amateur.space
Date: 2000-02-04 00:00:00 UTC
From: Dwight Stewart <stewart@amouse.net>
Message-ID: <389B7C9C.27A12CEB@amouse.net>
Source record: 10289
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

Mark Flanagan wrote:
>
> Well that's not true. The sky is always blue it is the year 2000 for the
> first time. I believe the correct interpretation is , "There is no time
> like the present."

Not exactly. The sky was not blue yesterday (at least not from the
view of the sky from my position on Earth).

Dwight Stewart (W5NET)

456. Sattellite Work

Newsgroup: rec.radio.amateur.space
Date: 2000-02-04 00:00:00 UTC
From: Blaine Harris <bharris@dancris.com>
Message-ID: <s9n00ep9dh9@corp.supernews.com>
Source record: 10290

Hi all, I'm new to satellite work and have a couple of questions. I've been trying to use AO-27 since all I have is fm radios. Usually I make attempts on the weekend. Is it active on the weekends? So far I've not had any success. I don't seem to be making contact with the bird. I know its only up during day light passes. I'm using a mobile radio (45 watts) with a Diamond vertical mounted on the roof. It advertises a 6db gain. I think this should be sufficient since many people us hand helds.

So what do I do? What is the proper way for initiating a contact? Do I call cq or what?

Any help and suggestions are greatly appreciated.

73s

KK7SY

kk7sy@arrl.net

457. Re: 9600 DIGITAL BIRDS Question

Newsgroup: rec.radio.amateur.space
Date: 2000-02-04 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn89m7rq.47c.nomail@linux.pe1chl.ampr.org>
Source record: 10291

Tate Jackson <tatejackson@mindspring.com> wrote:
>How critical is it to adjust for Doppler shift on the uplink and/or downlink
>of the 9600 baud pacsats. Could one set the transmitter and receiver on the
>nominal frequency and still copy transmit and receive small files and APRS
>position reports?

It is not really a matter of "up or down" but of the band you are using.

Assuming uplink on 2M and downlink on 70cm: on the uplink it is not really
a requirement to compensate for doppler, but it will always help if you
do so. On the downlink, it is essential or you will miss most of the pass
on a typical-bandwith receiver. But you can use an "AFC" type of
compensation, that tracks the receiver frequency +/- 8KHz or so depending
on discriminator DC output. You will need the discriminator output for 9k6
anyway, so when you take care to couple it DC you can attach a window
comparator that tunes a RIT.

When you want to go without doppler, don't set the receiver to center
frequency, but a few KHz above or below it; the frequency changes quickest
near the point of closest approach, when the receiver is to be tuned to the
nominal frequency. So when you set it to a "compromise" about 3-4 KHz
above or below the center, it spends more time in that window. And your
antenna will probably have more gain at lower elevations as well.

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

458. Re: 900 Megahertz Antenna

Newsgroup: rec.radio.amateur.space
Date: 2000-02-05 00:00:00 UTC
From: k6jq@my-deja.com
Message-ID: <87g3tm$8iu$1@nnrp1.deja.com>
Source record: 10292

In article <0JbtFmCUNNl4EwGS@newbrain.demon.co.uk>,
Ian Robert Walker <Ian@newbrain.demon.co.uk> wrote:

> Apologies for quoting even part of the above, BUT why did you post all
> this rubbish, it turned a 15 line reply into a 108 line waste of
> capacity?
> --

I'd turned on a Verisign signature; a modern newsreader would
interpret as a secure signature.

--
Dana K6JQ
Dana@Source.Net

Sent via Deja.com http://www.deja.com/
Before you buy.

459. Re: Sattellite Work

Newsgroup: rec.radio.amateur.space
Date: 2000-02-05 00:00:00 UTC
From: ralphmw@aol.com
Message-ID: <20000204233015.01452.00001912@ng-cb1.aol.com>
Source record: 10293

Hi Blaine,

You may want to crank back on the power a bit. AO-27 has a very sensitive receiver. About 5-10 watts with a 6db gain antenna on 2M. Now, 70cm is different. You need a good recieve system to hear it. About a 6db gain antenna & a preamp should do it. Always with satellite work, don't call unless you could hear the bird well. AO-27 is a crowded bird and getting on is sort of like working a DX pile-up on a your local 2M repeater if you could imagine it. Be patient and just send: "(your call) Listening" That should invoke someone to call or answer you. Knowing you grid location helps. You could learn that by looking up your call on QRZ.com. Take care & good luck.

73's de
Ralph NH6QT/3

460. F.S. 10.4 GHz amplifier 10W

Newsgroup: rec.radio.amateur.space
Date: 2000-02-05 00:00:00 UTC
From: Jochen Zilg <mmwave.zilg@t-online.de>
Message-ID: <87h1oqdsn2@news01.btx.dtag.de>
Source record: 10294

The unit is a complete Amplifier system including AGC, Isolators at input
and output,
Gain > 47 dB, Power out at 1 dB comp. point > 39.5 dBm (measured after the
isolator).
The case is small enough to mount it directly at the feedhorn of a parabol
antenna.
System was originally used as transmitter amplifier in 16 QAM radio relay
link (SIEMENS).
Amplifiers are tested in the factory (test protocol)and not used at all.
Power supply +11 to 14 V 7 A and - 9.5 Volts 100 mA.
Detailed datasheet and documentation incl.
Price 900 DM without transport costs.
Power output can be raised by skilled amateurs to more then 10 Watts by
replacing the matched
10 W Transistor by a newest 15W Transistor (Toshiba)....

Jochen

--

This Message was send via Microsoft Mail and News

461. Re: 900 Megahertz Antenna

Newsgroup: rec.radio.amateur.space
Date: 2000-02-05 00:00:00 UTC
From: Ian Robert Walker <Ian@newbrain.demon.co.uk>
Message-ID: <qb8KxjAGy$m4Ewdz@newbrain.demon.co.uk>
Source record: 10295

In article <87g3tm$8iu$1@nnrp1.deja.com>, k6jq@my-deja.com writes
>In article <0JbtFmCUNNl4EwGS@newbrain.demon.co.uk>,
> Ian Robert Walker <Ian@newbrain.demon.co.uk> wrote:
>
>> Apologies for quoting even part of the above, BUT why did you post all
>> this rubbish, it turned a 15 line reply into a 108 line waste of
>> capacity?
>> --
>
>I'd turned on a Verisign signature; a modern newsreader would
>interpret as a secure signature.

This does not make it any shorter, interpreting it prevented me from seeing it, but it was still 108 lines. I automatically reject news postings over 100 lines and automatically download the rest (with other kill rules dependent on group. This is to avoid people who quote a long message to add a few lines, followed by someone else doing the same, followed by someone quoting it all to add "yes"! It was only because I was curious about the thread and wonder what you had to add to the subject that required 108 lines and therefore requested your article.

Are your postings so important that you must make them seven times larger with a secure signature, what if everybody did that. The Internet would not be able to cope without a large investment by providers which we would have to pay for. End users would have to spend more time on line which many people have to pay for (either phone, or ISP, or both). I use PGP for email, I do not see the need for it in news; with email I only need a small number of keys, if I wanted to use it with news I would need a vast number of keys.

>--

Your signature separator is wrong, it should be
<DASH><DASH><SPACE><CR/LF> and not <DASH><DASH><CR/LF>
--
Ian Walker G8ILZ on packet as G8ILZ

Pluralitas non est ponenda sine neccessitate

462. Re: Sattellite Work

Newsgroup: rec.radio.amateur.space
Date: 2000-02-05 00:00:00 UTC
From: Pat Cox <peacox@gloryroad.net>
Message-ID: <389C28B2.B1F61696@gloryroad.net>
Source record: 10296

Blaine I have worked through AO-27 a few times but not with a vertical antenna. I have never heard it with either a discone or 440 ringo either. You have to have a beam of some type. Visit the Arrow antenna site on the net. That is a start. I have used an old Cushcraft AO-P anteena array to work through this satellite. That is a twisted pair of beams for 145/435 mhz. The easy FM satellite that you can hear and work on your HT is Sunsat, or SO-35, which has a pass over USA today at 1457Z and on Sunday at 1418Z. Do you have a computer and tracking software? That is critical. I made my first contact on Labor Day and have worked 31 states mostly through RS-13 but I have used SO-35, AO-27, and AO-10. I have had no luck with FO-29 or FO-20 but am working on it. I use a Cushcraft 2 meter Turnstile antenna for most of my uplink work. I am in the middle of restoring the AOP and am gatheirng new coax, plugs, and have two mast mounted preamps (by Icom) to install. I am also looking for a AZ-EL rotor but in no hurry. The Phase 3 D statellite due to go up soon should eliminate the antenna being such a critical part of your station but till then it remains very important. Hope this gives you an idea as to what works and doesn't. Let me know how else I might help just remember I am new to this too but having more fun here on the sats that working DX and I have 300 countries worked. 73 Pat, K4AVO

Blaine Harris wrote:

> Hi all, I'm new to satellite work and have a couple of questions. I've
> been trying to use AO-27 since all I have is fm radios. Usually I make
> attempts on the weekend. Is it active on the weekends? So far I've not
> had any success. I don't seem to be making contact with the bird. I know
> its only up during day light passes. I'm using a mobile radio (45 watts)
> with a Diamond vertical mounted on the roof. It advertises a 6db gain. I
> think this should be sufficient since many people us hand helds.
>
> So what do I do? What is the proper way for initiating a contact? Do I
> call cq or what?
>
> Any help and suggestions are greatly appreciated.
>
> 73s
>
> KK7SY
>
> kk7sy@arrl.net

463. Re: Amateur Restructuring, Liberal Democrats, & No-Coders

Newsgroup: rec.radio.amateur.space
Date: 2000-02-05 00:00:00 UTC
From: BigWez <BigWez@prodigy.net>
Message-ID: <87hbho$ck1o$1@newssvr03-int.news.prodigy.com>
Source record: 10297
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

WOW the truth
"Joe" <joeamp@mindspring.com> wrote in message
news:87c8h1$905$1@nntp6.atl.mindspring.net...
> Bull Sh*t, Who ever said a change for the worse counted.
> Example:
> Here in New York we have the still married wife of a unconvicted rapist,
> liar, adultery committer and her team of Hollyweird freaks and screw
ball's.
> All scripting a freak show using an *acquired empty house* to make her a
> senator.............. to make things better, LOL
>
> She has never been on the subway or come to see her *new* favorite New
York
> ball, and hockey team's in fear of getting the Bronx cheer as well as
Booed
> on TV.
> Yet Rev.Al (a frequent guest of every jail) and the hordes work capable
> healthy welfare dwellers, homeless felons, ileagels and feminist's love
her.
> That is can not be good a good sign, its common sense.
> Keep liberals out as long as you can.
> NO THANKS !
>
> >BUSDRIVER@MOBILETEL.COM Wrote SNIPP:
> I ALWAYS SAY (INNOVATE OR
> EVAPORATE).....HEHE BusDriver
> >"Who Moved My Cheese" - Read the book - Change happens - Adapt or become
> >extinct.
>
> >WEB SITE BUSDRIVER.ORG
> >Falgout's C.B. & Sign Shop
> >4298 Hwy 90 East
> >DesAllemands La. 70030
> >1-800-303-5152
> >BusDriver
>
>

464. digital signatures (was Re: 900 Megahertz Antenna)

Newsgroup: rec.radio.amateur.space
Date: 2000-02-05 00:00:00 UTC
From: "Carl R. Stevenson" <wa6vse@fast.net>
Message-ID: <s9ofk8ol98e73@corp.supernews.com>
Source record: 10298

-----BEGIN PGP SIGNED MESSAGE-----
Hash: SHA1

"Ian Robert Walker" <Ian@newbrain.demon.co.uk> wrote in message
news:qb8KxjAGy$m4Ewdz@newbrain.demon.co.uk...
> Are your postings so important that you must make them seven times
> larger with a secure signature, what if everybody did that. The Internet
> would not be able to cope without a large investment by providers which
> we would have to pay for. End users would have to spend more time on
> line which many people have to pay for (either phone, or ISP, or both).
> I use PGP for email, I do not see the need for it in news; with email I
> only need a small number of keys, if I wanted to use it with news I
> would need a vast number of keys.

Ian ... I always use a PGP digital signature on my usenet posts for the
following reason ... there are twits out there who have shown a
propensity for alterning and reposting things I've said to make it appear
that I have said something I didn't say ... for the purpose of
"discrediting"
No Code International in the "code/no-code" "debates" on r.r.a.p and
other groups.

Using the PGP signature makes it possible to prove that the post was
altered ... and it really doesn't take that much additional bandwidth.
(I don't use the Verisign sigs, so I am not familiar with how much
additional "bulk" they add ... but PGP's overhead is minimal.)

My point is that using digital signatures is, in some cases valid and
even necessary.

73,

- --
Carl R. Stevenson - wa6vse
<mailto:wa6vse@fast/net>
<http://www.users.fast.net/~wa6vse>
- --
NCI-1052
Executive Director, No Code International
Fellow, The Radio Club of America
Senior Member, IEEE
Member, TAPR
Member, ARRL
- --
Join No Code International! Hams for the 21st Century.
Help assure the survival and prosperity of ham radio.

<http://www.nocode.org>

```
-----BEGIN PGP SIGNATURE-----
Version: PGP for Personal Privacy 5.5.3

iQA/AwUBOJw+b5e+N6+q84HiEQIOTACg/SGRzDHdXMPCCYtZmBgwqAZsxK0An00P
h1G1Wx25EPpQAuC9SgRCvHbu
=M6aj
-----END PGP SIGNATURE-----
```

465. Re: 5 WPM ain't a code test. was Re: Code Exam "Disability" Waivers

Newsgroup: rec.radio.amateur.space
Date: 2000-02-06 00:00:00 UTC
From: Keith Wood <kw@bctv.com>
Message-ID: <389CC172.B45D3873@bctv.com>
Source record: 10199
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

Mr Cold Shower wrote:
>
> I can Fart code at 5 WPM.

Proof that CW stinks.

466. 50 MHz DX Bulletin - issue #00-005

Newsgroup: rec.radio.amateur.space
Date: 2000-02-06 00:00:00 UTC
From: OZ6OM <obm@image.dk>
Message-ID: <Qy5n4.1139$E4.28565@news020.image.dk>
Source record: 10200
Cross-posted to:
rec.radio.amateur.misc,rec.radio.amateur.packet,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.amateur.swap

Dr OM/YL

This mail to inform interested that the latest
edition of the OZ50MHz DX Bulletin #00-005 is now
uploaded at my website, at the adress;

http://www.qsl.net/oz6om/

Please have in mind that the OZ50MHz DX Bulletin
usually is uploaded late Saturday evening (UT time)

vy 73 de OZ6OM / OZ7M "Matt"

467. Re: 5 WPM ain't a code test. was Re: Code Exam "Disability" Waivers

Newsgroup: rec.radio.amateur.space
Date: 2000-02-06 00:00:00 UTC
From: busdriver@mobiletel.com
Message-ID: <389cfb37.12646680@nntp.mobiletel.com>
Source record: 10201
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

>
>
>Mr Cold Shower wrote:
>>
>> I can Fart code at 5 WPM.
>
>Proof that CW stinks.
That is Funny
hahahahahahahahahahahahahahehehehehehehehehehehehehahahahaahahaaheheheheheheh
BusDriver
BUSDRIVER@MOBILETEL.COM
WEB SITE CBguy.COM
Falgout's C.B. & Sign Shop
4298 Hwy 90 East
DesAllemands La. 70030
1-800-303-5152
BusDriver

468. Microcom's Space Newsfeed - 6 February 2000

Newsgroup: rec.radio.amateur.space
Date: 2000-02-06 00:00:00 UTC
From: Mike Armstrong-Smith <mikeas@microcomsystems.co.uk>
Message-ID: <87ko7i$4vb$4@gxsn.com>
Source record: 10202

MICROCOM'S SPACE NEWSFEED 6 February 2000
Space Industry News from Around the World

****

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SATCOMS

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BT Opens Los Angeles Teleport

BT Broadcast Services has announced that it will open a second teleport in the United States to accommodate the increased demand for broadcast services and the growth in business in both the Pacific Rim and Latin American regions.

BT's new state-of-the-art broadcasting facility will be located in Marina del Rey, California, and provide one-stop shopping for a complete range of broadcast transmission solutions throughout the US, including satellite, fibre and microwave transmissions, and connectivity to BT's Global Digital

Network. The new teleport is slated to open in Autumn 2000, and will be situated near the world's largest entertainment industry and close to news organisations and international businesses located in the Los Angeles metropolitan area.

BT's LA Teleport will include a 24-hour booking centre and round-the-clock Master Control Room for monitoring of feeds. Similar to the Washington DC teleport, the new facility will provide permanent uplink and downlink capabilities for distribution of regional and domestic channels, as well as analogue and digital options on a wide range of domestic satellites.

****

Eutelsat Gains FCC Licence

The US Federal Communications Commission has granted the first licences for accessing Eutelsat II F2 satellite capacity from within the USA for services that will include IP broadband and video contributions. BT North America Inc and Group W Network Services (CBS Broadcasting Inc) are the first two companies authorised to uplink to Eutelsat.

FCC approval means that Eutelsat is now open for business to US-based customers who have requirements for transatlantic connections and who are seeking access directly into the European market for corporate and consumer communications. Opportunities also exist for delivering content from Europe into the US market.

In 1999 Eutelsat positioned its first satellite over the Atlantic, at its 12.5 degrees West orbital slot which provides visibility of western Europe and the eastern seaboard of North America. It also launched construction of a new Ku-band satellite, called Atlantic Bird 1, which is due to go into orbit next year. Atlantic Bird 1's 20 Ku-band transponders will give North and South American content providers access to Europe and beyond as far as the Middle East, opening up important opportunities for satellite television and data broadcasting for the corporate sector and for the consumer market. Via a recent agreement with Loral Skynet, EUTELSAT is also using four transponders on the Telstar 12 satellite at 15 degrees West for transatlantic services.

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Datron Demonstrates Internet Access in a Moving Vehicle

Datron Systems Inc has announced it has successfully established a high speed Internet connection to a moving vehicle using one of its production model DBS-4500 In-Motion satellite television antenna systems.

Through a satellite link to a van driving at highway speeds, this connection provides full Internet capability to download large files, access Web sites, send and receive e-mail and perform other tasks normally accomplished through a home or office terminal.

The techniques used are applicable to all of Datron's mobile satellite systems, which serve business and commercial aircraft, boats, recreational

vehicles, buses, vans and sports utility vehicles.

Following the announcement Datron's share price nearly doubled in value during frantic trading on Nasdaq. Some 4 million shares changed hands during the first 2 hours of trading compared to a normal trading volume of 20,000 shares.

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Globalstar Opens for Business in Belgium, France, Spain and Portugal

Globalstar has initiated full commercial service in Belgium, France, Portugal and Spain through its partner service provider TE.SA.M. (T�l�communications par Satellites Mobiles), a joint venture between France Telecom and Alcatel.

This brings the total number of locations where Globalstar service is available to 15 countries across Europe, Asia, North America and South America. TE.SA.M. has indicated that it plans to introduce service in a further nine countries covered by its European gateway in the weeks ahead.

Globalstar phones have already been extensively used in France for many applications including Y2K contingency communications and emergency communications after damaging wind storms last December. The phones have also been used on a test basis by service staff of Electricit� de France (EDF), a major French utility, in remote mountainous areas where cellular service was unavailable.

TE.SA.M. is introducing two types of Globalstar service:

Dual-mode Service, allowing customers to use normal cellular service from an approved GSM operator as well as Globalstar satellite service whenever the user travels outside of cellular range. Both services are accessible from a single phone, with a single number and a single monthly invoice.

Single-mode Service, providing Globalstar-only service for customers who do not require cellular service or who prefer using cellular from a separate phone. Single-mode service will be available through distributors specialising in satellite services.

Other countries where TE.SA.M will soon introduce Globalstar services include Andorra, the Czech Republic, Gibraltar, the Netherlands, Luxembourg, Monaco, Morocco, Poland and Tunisia. TE.SA.M. will also be introducing service in many parts of South America, the Middle East and Asia through a series of other gateways across these regions.

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GSA-FTS Expands Hughes Global Services Contract

The US Government's General Services Administration's Federal Technology Service (GSA-FTS) has awarded a second contract to Hughes Global Services Inc (HGS) to provide a wide variety of satellite services that can be used by the Department of Defense (DOD) and all federal agencies.

The new Indefinite Delivery, Indefinite Quantity (IDIQ) Government-wide Agency Contract (GWAC) has a US$ 490 million ceiling over six years if all options are exercised, and is five times larger than the original contract which was awarded one year ago.

The contract follows a year-long pilot program which provided "one stop shopping" for government agencies requiring satellite communications.

To date, more than 40 federal agencies, including the Internal Revenue Service, the Social Security Administration, the Centers for Disease Control, the Department of Veterans Affairs, the International Broadcasting Bureau, the Agency for International Development, as well as the Armed Forces and the Department of Defense, have ordered services under the program.

Current satellite product and service offerings under the contract include domestic and international mobile satellite communications; fixed satellite services, including long-term and occasional-use bandwidth from multiple providers, terminals and videoteleconferencing at C- and Ku-band frequencies; and the DirecPC(R) data delivery capability. In addition, HGS is including its DemandNet(TM) and SkyMedia(TM) products in the contract.

DemandNet combines commercial very small aperture terminal (VSAT) technology with a global satellite constellation to provide affordable bandwidth services on-demand.

SkyMedia provides cost-effective video delivery, digital data broadcast and high-data-rate Internet access for distance learning and data sharing.

In the future, HGS will include Spaceway(TM) terminals and services and other emerging communication services.

More than 100 orders for satellite communications through the GSA-FTS satellite services IDIQ program have been placed. All civil or military federal agencies, as well as other authorised users such as NATO, the World Health Organisation, the Red Cross and Native American tribal governments, have access to the HGS satellite services contract. DOD users have accounted for approximately one-fourth of orders to date. An expanding area is the use of the contract for government distance learning, where individuals within one agency have access to video conferencing and classroom instruction.

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ICO and Hughes Renegotiate Satellite Deal

ICO Global Communications has renegotiated a deal to buy 12 satellites from Hughes Electronics.

ICO is also reported to be near to ordering another four satellites. The renegotiated deal is still preliminary, with no formal agreement yet having been signed. The value of the agreement is believed to be up to US$ 3 billion.

The industry rumour is that the satellites will be modified to cater more for data based services, such as the Internet, rather than the originally

intended telephony.

This eleventh hour change of direction for ICO could well be the influence of new investor Craig McGraW who is reported to see ICO in the role of pre-Teledesic. Such a design change could also be the reason why the launch of ICO's first satellite, which was scheduled to be orbited by Sea Launch a the end of January has been put on hold for a few months without explanation.

****

Inmarsat Enters VSAT Business

Inmarsat has made a `knowledge acquisition' of part of the business of EAE Limited, a subsidiary of the EAE Group. The Aberdeen based business will now trade as Invsat Ltd, a subsidiary of Inmarsat Holdings Ltd. The part of the business acquired from EAE Limited provides integrated telecommunications systems and services including satellite systems, radio systems and very small aperture terminal satellite (VSAT) solutions to the oil and gas, maritime, government and emergency services markets. The business employs approximately 80 staff.

The acquisition is a significant milestone in Inmarsat's strategy to grow both organically and through acquisition. It is the company's first venture outside mobile satellite communications, its traditional area of operations, into the complementary world of VSAT technology.

Bob Buskie, EAE Limited Managing Director, will become Managing Director of Invsat Ltd and report to Robert Johnson, General Manager Maritime at Inmarsat Ltd in London.

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Telesat Awarded Control Contract for XM Radio Broadcast Satellites

Telesat Canada has been awarded a 15-year contract with XM Satellite Radio Inc to manage the satellite-based infrastructure of XM's radio service scheduled for launch in the first half of 2001.

Telesat will use its satellite control centre in Ottawa to monitor and control the satellites and will also build primary and back-up satellite control centres in Washington, DC and Calgary, Alberta.

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PanAmSat Receives Service Licence for Peru

PanAmSat has received a licence permitting the supply of Internet and telecommnications services directly to client from the Peruvian Ministerio de Transporte y Comunicaciones (MTC).

The new licence is a "concession for the provision of public long distance, national and international services" and allows PanAmSat to provide data, Internet and telephony services to clients in Peru. In the past, PanAmSat

has been obliged to offer services through Telef�nica del Per�.

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Telesat Serves Satellite Customers in the USA

Telesat has launched a US service and sales division that will offer domestic and international satellite transmission services to broadcasters, cable companies, telecommunications resellers and other business customers across America.

In conjunction with InSight Telecommunications Corporation, a leading team of broadband content delivery professionals, Telesat has created a new division known as Telesat Communications Services.

Telesat Communications Services begins service to US customers via its two main broadcast satellites, Anik E2 and Anik E1 (which will be re-pointed to serve the continental US). Telesat also plans to serve US customers from Anik F1 after it goes into service this autumn.

Headquartered in Boston, the new division also has offices in Atlanta and Los Angeles, and plans to open additional locations across the USA. Telesat Communications Services offers round-the-clock customer service, network monitoring, technical support and delivery of news, sports and entertainment events for the television and Internet industries.

In December, Telesat gained full access to the US fixed satellite telecommunications market via its Anik E1 and E2 satellites when they became the first non-US satellites to be placed on the Federal Communications Commission's Permitted Space Station list - a designation that paves the way for US customers to use Telesat satellites for services liberalised under a World Trade Organisation (WTO) agreement.

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TRW Wins Key Astrolink Gateway Contract

TRW has received a multimillion-dollar contract from Astrolink International LLC to develop a key ground-to-satellite interface for the Astrolink global broadband telecommunications system.

Astrolink satellites will provide bandwidth-on-demand Internet, multimedia and data network services to businesses and consumers beginning in 2003.

Under the contract, TRW will develop the space applications interface (SAI) system, consisting of software and hardware, which will provide the ground interface between the Astrolink network control centers (NCCs) and orbiting satellite payloads. TRW will also develop a payload emulator system, which allows testing of the ground-to-satellite interface before any satellites are launched.

TRW is also developing the digital processed payload for the satellites.

Operationally, the SAI system will function as an integral component of each of the Astrolink ground system's four regional NCCs, which are being built

by Telespazio SpA. The SAI system provides the interface for controlling and managing the Astrolink satellite payloads.

The Astrolink payload emulator will provide ground system developers with a means of verifying ground-to-payload interfaces before conducting on-orbit tests. Both the SAI and the emulator will play a key role in integrating and validating the entire Astrolink ground segment.

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EARTH OBSERVATION

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Surrey to Build RapidEye Minisatellite Constellation

RapidEye AG of Munich has announced an agreement with Surrey Satellite Technology Ltd to become the prime contractor and spacecraft platform supplier for the US$ 100 million RapidEye constellation of four advanced Earth Observation minisatellites.

The RapidEye Earth Observation system, to be launched in 2002, will provide 6.5m resolution wide-swath multispectral imaging with a daily revisit and is targeted primarily at agricultural applications. The 380 kg RapidEye minisatellites will use the SSTL minisatellite platform.

SSTL plans an equity investment in RapidEye.

RapidEye Inc is a new satellite-based GEO-information service company and concentrates on customers in the agricultural and cartographic segments.

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MILITARY SPACE

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L-3 Communications Receives Contract for an Advanced Satellite Communication System

L-3 Communications has announced that it has won a competitive award to develop an Advanced Extremely High Frequency Communications Security (COMSEC) and Transmission Security (TRANSEC) System, known as ACTS, for a new military satellite communication network by the Maryland Procurement Office. The initial contract value is US$ 28.7 million.

This award provides for the development of state-of-the-art space, ground and embeddable cryptographic equipment that supplies both COMSEC and TRANSEC for the new AEHF satellite system. The new system will replace the existing MILSTAR system that provides survivable, world-wide secure communications connectivity via satellite, and increased communication capacity and additional cryptographic algorithm capability over the predecessor system. This
system will also offer programming flexibility to adapt to future requirements.

L-3 Communication Systems-East will serve as the prime contractor for this program. L-3's Conic division will develop the Special Test Equipment for acceptance and depot testing of the ACTS equipment. Additional team members are Hughes Space and Communications Company of El Segundo, California and Mykotronx Inc of Torrance, California.

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SCIENCE

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Boeing Teams With SpaceDev for Deep Space Missions

SpaceDev Inc and Boeing Space and Communications Group have announced that they have teamed together to investigate a variety of small, low-cost, commercial, deep-space mission to the Moon, Mars and near-Earth asteroids, involving micro-spacecraft of 250 kg mass.

SpaceDev has been refining the design of its commercial Near Earth Asteroid Prospector (NEAP) mission since 1997 and started offering commercial, fixed-price Mars probe-carrier and Moon orbiter missions with real-time streaming video last year. In November 1999 the company competitively won a contract from University of California, Berkeley to design, build, integrate, test and operate the CHIPSat astronomy micro-spacecraft, NASA's first University-Class Explorer (UNEX) mission to proceed into the implementation phase.

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ESA's XMM X-Ray Observatory Takes First Pictures

The European Space Agency's X-ray space observatory has taken its very first pictures giving new views on the Universe. The commissioning images confirm that the XMM spacecraft, its X-ray telescopes and science instruments are functioning perfectly.

After a successful launch from Kourou on Ariane 504 on 10 December 1999, XMM was brought to its final operational orbit in the following week. The telescope doors on the X-ray Mirror Modules and on the Optical Monitor telescope were opened on 17/18 December. The Radiation Monitor was activated on 19 December and the spacecraft was put into a quiet mode over the Christmas and New Year period.

The mission's scientific data is being received, processed and dispatched to astronomers by the XMM Science Operations Centre in Villafranca. Operations with the spacecraft restarted there on 4 January when, as part of the commissioning phase, all the science payloads were switched on one after the other for initial verifications. By the week of 17 January functional tests had begun on the Optical Monitor, the EPIC pn, the two EPIC MOS and the two RGS instruments. The internal doors of the EPIC cameras were opened whilst keeping the camera filter wheels closed.

After a series of engineering exposures, all three EPIC cameras were used in turn, between 19-24 January, to take several views of two different

extragalactic regions of the Universe. These views, featuring a variety of extended and X-ray point sources, were chosen to demonstrate the full functioning of the observatory. The Optical Monitor also simultaneously viewed the same regions. One RGS spectrometer obtained its first spectra on 25 January; the other will be commissioned at the start of February.

First analyses confirm that the spacecraft is extremely stable, the XMM telescopes are focusing perfectly, and the EPIC cameras, Optical Monitor and RGS spectrometers are working exactly as expected. The Science Operations Centre infrastructure, processing and archiving the science data telemetry from the spacecraft, is also performing well.

The Calibration and Performance Verification phase for XMM's science instruments is to begin on 3 March, with routine science operations starting in June.

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Mars Polar Lander Status

Mission managers for Mars Polar Lander report that radio scientists at Stanford University have not yet detected a signal from the spacecraft in data they collected last week. Stanford will continue to analyse the data and it is still possible that more detailed analysis might reveal a signal.

Additional radio telescopes around the world have offered their assistance in helping to confirm if the signal picked up by Stanford is from Polar Lander. The project has accepted offers of help from an array of fourteen 25 m antennas at Westerbork in The Netherlands as well as the 76 m antenna at Jodrell Bank, near Manchester, England and an array located near Bologna, Italy.

New commands were sent to the lander from NASA's Deep Space Network around the clock on Tuesday and Wednesday These commands told the spacecraft, if it is functioning, to reset its clock and send a signal to Earth. On Friday, windows were open for the antennas in The Netherlands, England and Stanford to begin listening. It will take each of the stations some time to review their data.

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NEAR Prepares for Valentines Day Rendezvous With Eros Asteroid

The NEAR spacecraft has successfully performed a braking manoeuvre which has adjusted its approach speed and trajectory towards the asteroid.

In the manoeuvre, NEAR's medium-sized thrusters fired for 90 seconds, reducing the probe's closing speed from 69 km/hr to 29 km/hr.

The burn was originally scheduled for February 2nd but this was cancelled when NEAR went into "safe mode". Operators worked through the night to resent the spacecraft and programme two burns to replace the original one. The second part of the trajectory correction will take place on February 8th.

NEAR is on schedule to perform a fly by of Eros on February 13th to map the asteroid for minerals before entering orbit on February 14th.

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MANNED SPACE

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ISS Service Module

Recriminations fly as the USA accuses the Russians of defaulting on commitments to launch the Zvezda service module by July. NASA is planning to launch its own service module in place of Zvezda. Meanwhile, the Russians are saying that Zvezda will now launch in June.

NASA is facing strong criticism from Republican politicians that it has lost control of the US$ 60 billion International Space Station project. ISS faces further delays and yet another spiral of costs. NASA, on its part, is getting increasingly critical of the Russian's performance and lack of commitment.

Russia, on the other hand, gives every appearance of being more interested in its own ageing space station, Mir, than in the ISS. Launchers and facilities originally earmarked for the ISS are now, reportedly, being diverted to help service a plan to re-establish a manned presence on Mir for commercial ventures. NASA hoped that the Russian's would abandon Mir, freeing up Russia's now limited resources for use on the ISS, but Russia has proved extremely reluctant to give up the independence offered by Mir.

It is ironic that the 14 year old Mir space station, with its failing, out of date equipment, cramped conditions and quarters which looks more like a submarine than a spacecraft is finally attracting commercial investment. The ultra high tech ISS, on the other hand, has difficulty attracting any commercial interest whatsoever.

In response to Russia's attempt to continue operating Mir, NASA has suspended negotiations to buy a further US$ 100 million of hardware and services from the Russian Space Agency.

Zvezda has been delayed by about two years and is suffering further delays because the launch vehicle which will lift it to orbit is currently grounded following manufacturing problems which caused two consecutive launch failures. Delays are not, however, the sole preserve of the Russians. The US built main laboratory module is running about 18 months late. Looking back even further into history, when work started on the station nearly two decades ago (and long before the Russians were ever involved) it was intended that the space station would be operational in the early nineties.

NASA has a contingency plan for an additional shuttle mission, using Atlantis, in April to increase the altitude of the fledgling ISS which currently consists of the mated Unity and Zarya modules. This will keep the station in orbit until at least the end of the year.

NASA is also preparing to launch an "Interim Control Module" in December if Russia does not launch Zvezda as it has agreed. The US$ 210 million Interim Control Module (hardware plus launch cost) will not provide the living quarters that Zvezda would, but would provide life support to the ISS to make it habitable. If Zvezda is launched this summer, the launch of the ICM would be delayed until possibly February 2001. Furthermore, NASA also intends to launch a separate US$ 100 million propulsion module that can boost the station into a higher orbit.

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Mir Reawakens

Following six months of hibernation, Russia's Mir space station has been reawakened by controllers at the Mission Control Centre near Moscow.

Ground controllers have powered up Mir's control computer and gyros. Thrusters have been fired to stop the station spinning and the solar arrays have been oriented towards the sun. A Progress supply ship which was docked with the station was commanded to fire its booster, pushing the station into a higher, more stable orbit.

Crew are expected to return to Mir following the March 1st launch of Soyuz TM-30 from Baikonur, Kazakhstan. They will board Mir some 50 hours after launch and will stay for at least 45 days. The cosmonauts on this return mission will be:

Sergey Zalyotin, mission commander, 38 years old, Russian Air Force pilot
Aleksandr Kaleri, flight engineer, 43 years old

One of the main tasks during the mission will be to locate and fix an air leak through which about one percent of Mir's air is seeping each week. The recently launched Progress supply ship carried a supply of air to boost the internal air pressure and to act as a reserve for a few months until the leek is sealed.

Other tasks will include maintenance, repairs, evaluating the condition of the hull, operating scientific experiments and photographing the Earth's surface. Several space walks may also be scheduled to assemble test equipment and to perform exterior maintenance.

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LAUNCH VEHICLES

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Aerojet Engine for Japanese Orbiter

Aerojet has successfully completed verification testing of its HOPE-X Orbital Manoeuvring Engine (OME), qualifying it for operation as the main propulsion for the Japanese National Space Development Agency's HOPE-X vehicle.

The HOPE-X vehicle is a prototype unmanned shuttle to be launched by Japan's HIIA launch vehicle. Aerojet is developing the HOPE-X OME for

Ishikawajima-Harima Heavy Industries Company, the shuttle's propulsion system contractor.

The reusable HOPE-X OME is a 4,000-pound-force thrust class engine that is pressure-fed, regeneratively cooled and operated with storable propellants. It is much like the space shuttle Orbital Manoeuvring System, also designed and built by Aerojet.

The test engine will be refurbished and delivered to the customer as a flight spare in addition to the two new flight engines which are now ready for acceptance testing and delivery later this year.

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Ariane to Launch iSKY

The first two iSKY satellites will be launched by Arianespace in the third quarter of 2001 and in mid 2002. iSKY-1 will be launched on either an Ariane 4 or Ariane 5 launch vehicle.

Arianespace Finance will also provide iSKY more than US$ 100 million of construction period and long-term financing.

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Eutelsat W4 to Launch on Atlas 3

International Launch Services (ILS) has signed a contract with Eutelsat to launch the Eutelsat W4 communications satellite on the first Atlas 3 rocket.

The launch is scheduled in late March/early April from Cape Canaveral Air Station, Florida, USA.

Eutelsat W4 is a geostationary satellite which will be located at 36° W. It has 31 Ku-band transponders which will provide capacity for consumer digital broadcasting services in Russia and for pay-TV, telecommunications and IP (Internet protocol)-based services in sub-Saharan Africa. W4 is manufactured by Alcatel Space.

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PanAmSat Opts for Sea Launch

PanAmSat selects Sea Launch for deployment of Galaxy IIIC satellite in 2001. The agreement with Sea Launch provides PanAmSat with an option for four additional launches.

The agreement calls for the launch of Galaxy IIIC during the second quarter of 2001 and provides PanAmSat with the option for four additional Sea Launch missions through 2003.

Sea Launch employs a modified Zenit rocket and lifts off from a floating launch platform that is positioned along the equator in the Pacific Ocean. PanAmSat's first Sea Launch mission will deploy the PAS-9 satellite during the second quarter of 2000. PAS-9, an HS 601 HP spacecraft built by Hughes

Space and Communications, will provide video and telecommunications services throughout the Atlantic Ocean Region from its orbital location of 58° W. The satellite contains 24 C-band and 24 Ku-band transponders.

Galaxy IIIC, an HS 702 model spacecraft also built by Hughes Space and Communications, contains 24 C-band and 52 Ku-band transponders, and will provide video, Internet and telecommunications services throughout the United States and Latin America from its orbital location of 95° W.

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LAUNCHES

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Progress M1-1

Launched: 1 February 2000
Site: Baikonour Cosmodrome, Kazakhstan
Launcher: SL-04
Orbit: LEO, inclination 51.64°, perigee 192.8 km, apogee 238.8 km
International Number: 2000-005A
Name: Progress M1-1

Progress M1-1 is a cargo ship intended to resupply the Mir space station prior to the return of cosmonauts to Mir at the end of March. Docking with Mir occurred on February 3.

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Kosmos 2369

Launched: 3 February 2000
Site: Baikonour Cosmodrome, Kazakhstan
Launcher: Zenit 2
Orbit: LEO, inclination 71.0°, perigee 830 km, apogee 840 km
International Number: 2000-006A
Name: Kosmos 2369

Kosmos 2369 is a military satellite reported to be used for ELINT.

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Hispasat 1C

Launched: 4 February 2000
Site: Cape Canaveral Air Station, Florida, USA
Launcher: Atlas IIAS
Orbit: Geostationary 30° W
International Number: 2000-007A
Name: Hispasat 1C
Owner: Hispasat
Contractor: Alcatel Space

Hispasat 1C is a geostationary communications satellite based on Alcatel Space's Spacebus 3000B2 platform.

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Launch Schedule

February 8: Globalstar (4 satellites) on a Delta 2 from Cape Canaveral Air Station, Florida
February 8: Astro-E on an M-5 from Kagoshima Space Center, Japan
February 8: Russian military satellite on a Soyuz from Baikonur, Kazakhstan (also test of Fregat upper stage)
February 11: Shuttle Radar Topography Mission on space shuttle Endeavour (STS-99) from the Kennedy Space Center, Florida
February 12: ACeS Garuda 1 on a Proton K/Block DM from Baikonur, Kazakhstan
February 16: Superbird 4 on an Ariane from Kourou, French Guiana
February 20: MTI on a Taurus from Vandenberg Air Force Base, California
February 21: DSP Payload on a Titan 4B from Cape Canaveral Air Station, Florida
February 24: EROS on a Start-1 from Plesetsk, Russia
February 28: ICO F1 on a Sea Launch Zenit 3SI from the Odyssey platform, equatorial Pacific Ocean
February 29: Ekspress A2 on a Proton from Baikonur, Kazakhstan
March 2: IMAGE on a Delta 2 from Vandenberg Air Force Base, California
March 14: AsiaStar and Insat 3B on an Ariane 5 from Kourou, French Guiana
Early April: Galaxy 4R on an Ariane 42L from Kourou, French Guiana
Early May: PAS-1R on an Ariane 44L from Kourou, French Guiana
May: Echostar 6 on an Atlas
Late May: Astra 2B and GE-7 on an Ariane 5 from Kourou, French Guiana
Mid June: Brasilsat B4 and Nilesat 102 on an Ariane 44LP from Kourou, French Guiana
Late June: Ekspress A3 on a Proton from Baikonur, Kazakhstan
Early July: NSS-6 (provisional) on an Ariane 42L from Kourou, French Guiana
July: Zvezda Service Module (ISS flight 1R) on a Proton from Baikonur, Kazakhstan
Late July: Eurasiasat 1 and L-Star 1 on an Ariane 5 from Kourou, French Guiana
August: Tempo 1 on an Atlas

Delayed: High Energy Transient Explorer (HETE-2) on a Pegasus XL from Kwajalein Missile Range, Pacific Ocean

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BUSINESS

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Andrew and Channel Master Alliance

Andrew Corporation and Channel Master LLC have announced an alliance, enabling each company to offer a broader range of earth station antenna products.

Channel Master specialises in the design and production of an extensive assortment of antennas and accessories with antenna sizes ranging from 0.35 m to 3.0 m. Andrew has a full line of fixed and motorised earth station antennas ranging from 1.2 m to 9.3 m. This alliance will enable both companies to immediately extend their product lines and better provide for the diverse requirements of all customers.

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Globalstar Closes Stock Offering
Globalstar Telecommunications Limited has announced that it has closed the offering of 8,050,000 shares of Globalstar common stock which included the full exercise of the over-allotment option of 1,050,000 shares.

The purchase price was US$ 35.00, yielding net proceeds of approximately US$ 268.5 million.

Globalstar management believes it already has the resources necessary to complete the deployment of its global mobile telephone system. Accordingly, the company will use the proceeds of the offering for general corporate purposes which may include accelerating the roll-out of service beyond planned efforts through increased support of service provider marketing activities and the funding of promotional discounts; the development of new service features; or potential repayment of debt.

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Sirius Gets DaimlerChrysler Investment

DaimlerChrysler and Sirius Satellite Radio have announced an agreement to bring satellite radio to DaimlerChrysler customers in the US beginning next year. DaimlerChrysler Corporation will purchase US$ 100 million of Sirius common stock and exclusively factory-install Sirius receivers in DaimlerChrysler cars and light trucks.

The arrangement includes all DaimlerChrysler brands sold in the United States, including Mercedes-Benz, Chrysler, Jeep, Dodge, Dodge Truck, as well as Freightliner and Sterling heavy trucks.

DaimlerChrysler and Sirius will also work together to develop telematics functions using the Sirius national digital broadcasting system. These applications may include a range of wireless security, convenience and navigation services for DaimlerChrysler vehicle owners.

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Terayon Acquires ComBox

Terayon acquires ComBox for European cable data access and broadband satellite systems.

Terayon, a leading supplier of broadband network systems, plans to acquire Combox, a manufacturer of broadband data systems and satellite communications based on international standards. The addition of ComBox' cable data systems based on the Digital Video Broadcasting (DVB) standard

further expands Terayon's broadband portfolio to include systems based on all the major emerging international standards.

ComBox' innovative cable data access systems conform to the growing EuroModem international specification, based on the Digital Video Broadcasting (DVB) standard. ComBox' cable data system includes both headend transmission and customer premise equipment, as well as a cost-efficient internal PC cable modem card. ComBox' advanced and highly integrated data-over-satellite system is an end-to-end solution, enabling satellite operators to offer high-speed Internet access, data distribution, and IP multicasting to residential, SOHO (Small Office/Home Office) and corporate users.

Under terms of the agreement, 775,000 shares of Terayon common stock will be exchanged for all outstanding securities of ComBox. The acquisition will be accounted for as a purchase and is expected to close in the second quarter of Terayon's fiscal year 2000. This acquisition has been approved by Terayon's board of directors and is subject to various closing conditions.

****

PRODUCTS AND SERVICES

****

ACT Networks Introduces SkyPerformer

ACT Networks introduces SkyPerformer VSAT integrated access solution for transmitting packetised voice, fax and data traffic over VSAT and hybrid terrestrial/satellite networks.

SkyPerformer operates over public and private VSAT networks and is suitable for multi-site enterprise networking or for extending carrier service offerings to areas where outside plant infrastructure is poor or non-existent.

ACT's Multiple Addresses Per Carrier technology (MAPC) uses a single satellite frequency to broadcast to multiple remote locations. The receiving earth stations can either accept or refuse information based on pre-configured addressing policies. SkyPerformer can also combine IP or Frame Relay switching and filtering over a single satellite frequency to substantially reduce hardware capital costs and recurring charges for space segments.

By supporting a variety of satellite network topologies, including single or distributed star, partially or fully meshed and point-to-point, SkyPerformer can be deployed with satellite modems from any major equipment manufacturer. SkyPerformer eliminates the requirement for expensive hubs or demand assigned multiple access (DAMA) controllers and provides toll-quality 8Kbps voice compression with dynamic fallback to 6Kbps in congestion situations.

Monaco-based VSAT operator and system integrator SONEMA recently built a SkyPerformer network for military troops stationed in Kosovo. The integrated voice and data service supports a combination of prepaid long-distance

calling cards and toll-free 800 numbers over both satellite and terrestrial network segments.

****

Chello Broadband Expands into Australiasia

Chello Broadband, Europe's leading provider of broadband internet services to residential subscribers, has announced its expansion into Australia and New Zealand.

In preparation for broadband service in Australia, a full-scale commercial trial of broadband internet access has been introduced by Austar United Communications, with the full Chello service following in the first half of this year. Chello is also launching its service in New Zealand, in association with Saturn Communications Ltd. Delivery in Australia will be via satellite, whilst in New Zealand cable will be used.

In both countries, subscribers will have access to a range of top-quality multimedia channels including news, entertainment, communications, and interactive games through their PCs. Customers can access email and e-commerce solutions via a broadband subscriber portal. Both the Australian and New Zealand subscriber portals will contain local content.

****

Seven Seas Introduces Mobile Satellite ISDN Service

Seven Seas Communications is one of the first suppliers to offer Inmarsat's Mini-Phone ISDN service which utilises Inmarsat's spot beam satellites to provide global coverage for voice, fax and high-speed data communications.

E-mail, web access, video conferencing, image transfer and multimedia along with voice and fax capabilities are delivered through a laptop-sized satellite telephone weighing only 4 kb and equipped with a foldout antenna that fits into an ordinary briefcase. Satellite phones are manufactured by Nera are available immediately and more configurations will be available soon.

"We expect companies and individuals involved in natural resources, media and corporate travel to be very excited about the availability of portable high-speed data," said Jacks Sterenfeld, director of new markets for Seven Seas. Those industries have historically had the need to move large amounts of data from remote locations without the benefit of a strong local landline infrastructure in many cases.

Seven Seas Communications is a leading provider of satellite services to the natural resources, media, fishing and
yachting industries throughout the world.

****

SierraCom Introduces an INSAT C-Band VSAT Transceiver

SierraCom has launched a C-Band VSAT transceiver designed to meet the needs of the Indian National Satellite System (INSAT).

"The INSAT C-Band transceiver was developed to address the rapidly growing needs of the satellite communications market in India," said Bob Ranslow, Vice President of Satellite Marketing. "1999 marked the second consecutive year of triple digit growth for SierraCom's VSAT product line," continued Ranslow.

SierraCom's INSAT transceiver operates in the 6.725 to 7.025 GHz range, as opposed to the traditional VSAT C-Band range of 5.85 to 6.425 GHz.

SierraCom's VSAT product line includes both indoor and outdoor units for C-Band and Ku-Band frequencies, with C-Band units available up to 60 watts, and Ku-Band units available up to 40 watts. SierraCom also offers an optional kit for 1:1 redundancy. SierraCom VSAT units are CE approved and meet several satellite ground terminal standards including Orion, Eutelsat, Intelsat, ETSI and BZT.

****

Teleglobe's Digital Transatlantic Broadcast Service

Teleglobe has partnered with Eutelsat to deliver North American news, sports and entertainment content to 18 countries throughout Europe and North Africa.

Teleglobe's new Ku-band Occasional Use platform expands the company's portfolio of worldwide fibre and satellite broadcast services, making broadcast content from North America available to 18 countries throughout Europe and North Africa.

News, sports and entertainment feeds will be carried over Teleglobe's ATM network from Los Angeles, New York, Washington and Toronto to be delivered to European destinations over Eutelsat II-F2 from Teleglobe's Des Laurentides 11 m dedicated earth station. The service may also be offered from Europe to North America on the reverse link.

Because the service transmits over Ku-band, rooftop dishes as small as 1.5 m in diameter can receive transmissions. The video signal will be formatted in the MPEG-2 4:2:2 standard, streaming over an 8 Mbps digital channel.

European cities covered by the service include Amsterdam, Berlin, Bratislava, Brussels, Dublin, Geneva, Lisbon, London, Luxembourg, Madrid, Munich, Paris, Prague, Rome, Vienna and Warsaw. North African cities include Algiers, Rabat and Tunis.

Service is scheduled to commence mid-February 2000.

****

Three New Satellite-IP Services from InterPacket

InterPacket has announced three new value-added products and services: Voice Over IP (VoIP), BIZkit and Colocation.

The new portfolio of applications will include:

Voice Over IP (VoIP): Enables ISPs to sell carrier-grade international long-distance service over their existing InterPacket connection. InterPacket offers two types of VoIP solutions: Voice Business enables ISPs to provide service to corporations u sing the customer s existing PBX and dedicated IP connection; and Voice Dial enables carriers to offer consumers service using prepaid calling cards and dial-up access via local or toll-free numbers.

BIZkit: Enables ISPs to provide their corporate customers with a high-speed downlink directly from U.S. and European Internet backbones, augmenting capacity for high-bandwidth Web applications and streaming media. End-user companies continue to get their upstream bandwidth through the ISP s InterPacket connection. The kit includes all end-user electronics, including a compact satellite antenna. The ISP can offer technical support back up from InterPacket.

Colocation: Provides ISPs with a dedicated server connected directly to the US Internet backbone, which they can use both to improve access to their own content and to offer Web hosting services to their customers. InterPacket offers standardised servers that it builds, configures and connects via multiple redundant OC-3s to the Internet backbone. ISPs own the servers and pay only for the bandwidth they consume.

InterPacket has completed separate agreements with leading Internet backbone suppliers Exodus Communications Inc and AboveNet Communications Inc. Under these agreements, both suppliers will provide the InterPacket network with backbone connectivity and facilities for its core routers and switches. In addition, the companies will partner in offering co-location to InterPacket s customer base.

****

PEOPLE

****

New Executive Sales Director for Loral Skynet

Loral Skynet has announced the appointment of Timothy Shea as executive director, sales for the Asia/Pacific region.

In this position, Mr. Shea will be responsible for managing the sale of Loral Skynet and Loral Global Alliance satellite services to customers in the Asia/Pacific region. Based in Loral's new Singapore office, Mr. Shea will report to Paul Attner, vice president, sales for the Americas and Asia/Pacific.

The Loral Skynet Singapore office will be staffed with sales, engineering and administrative personnel. It is located at 101 Thompson Road #31 02/03, United Square, Singapore 307571. Telephone: 011-65-250-8484 and fax: 011-65-250-8481.

****
****

Notes for press and media officers:

Press releases should be sent to: newsfeed@microcomsystems.co.uk

****

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469. Satellite work in Eastern Canada

Newsgroup: rec.radio.amateur.space
Date: 2000-02-06 00:00:00 UTC
From: Peter <ve9ptr@hotmail.com>
Message-ID: <wxnn4.8194$pa6.96187@sodalite.nbnet.nb.ca>
Source record: 10203

I'm just wondering if anyone in this group can provide info on Satellite work in eastern Canada (atlantic provinces)? I'm new to the hobby and interesting in finding out all I can about satellite work, such as frequencies, tracking them and how to 'work' at satellite.

Thanks!
Peter

470. Re: Linux SatTrack

Newsgroup: rec.radio.amateur.space
Date: 2000-02-06 00:00:00 UTC
From: John Mock <kd6pag@qsl-nojunk.net>
Message-ID: <873dr5vpyb.fsf@mongrel.kd6pag.ampr.org>
Source record: 10204

On Sat, 1 Jan 2000 13:42:59 GMT, nomail@rob.knoware.nl (Rob Janssen) wrote:

>>Some while ago I contacted www.bester.com for pricing details of the
>>current version of SatTrack, and was informed that it was not available
>>to anyone outside the US as the company did not have an export license.
>>The earlier, non-commercial version is still freely available.

The source and binary are available as part of the Debian LINUX 'potato' distribution. These are both available via http://www.debian.org and source is also available via http://www.amsat.org (although the Y2K code there had a minor bug at one point). Also available for Debian LINUX is the 'predict' program, also available as both source and binary via the same site.

73's and good luck.
-- KD6PAG (Networking Old-Timer, satellite QRPer)

471. Re: 5 WPM ain't a code test. was Re: Code Exam "Disability" Waivers

Newsgroup: rec.radio.amateur.space
Date: 2000-02-07 00:00:00 UTC
From: "Gene Tucker Ph.D" <gene4947@worldnet.att.net>
Message-ID: <_Cpn4.1091$%%5.23298@bgtnsc04-news.ops.worldnet.att.net>
Source record: 10205
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

Why take an extra when all your connections are available using the general class. CB operators make friends on their frequencies and those with General Class certification really do not have to or do not want any higher rating because what they have meets their needs. Very simple. Its like a BS degree, if this meets your needs why get a Masters. IF a masters meets your needs they upgrade to a Ph.D The pay is not greater! It all depends on the needs of the person or individual.

Silver Eagle
JSA #4 El Paso, Texas
KAVR 1054

472. Re: 5 WPM ain't a code test. was Re: Code Exam "Disability" Waivers

Newsgroup: rec.radio.amateur.space
Date: 2000-02-07 00:00:00 UTC
From: Bill Nelson <billn@spock.peak.org>
Message-ID: <87lib2gqs2@bashir.peak.org>
Source record: 10206
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

On Fri, 4 Feb 2000, Andy Wallace wrote:

: Thousands of poor souls must have considered the exams for the last five
: years tough. The number of Generals has been about equal to the number of
: Advanced holders. If the exams were so easy, why didn't the thousands of
: Generals upgrade?? no code was required. What makes anybody think these
: Generals who couldn't--or wouldn't--pass the Advanced exam will now jump to
: Extra??

The Advanced license give you only slightly greater operating privileges.
It just is not worth the effort.

--
Bill Nelson (billn@peak.org)

473. Re: 900 Megahertz Antenna

Newsgroup: rec.radio.amateur.space
Date: 2000-02-07 00:00:00 UTC
From: Dana@Source.Net
Message-ID: <87ln4p$v2g$1@nnrp1.deja.com>
Source record: 10207

In article <qb8KxjAGy$m4Ewdz@newbrain.demon.co.uk>,
Ian Robert Walker <Ian@newbrain.demon.co.uk> wrote:

> Are your postings so important that you must make them seven times
> larger with a secure signature, what if everybody did that. The
Internet
> would not be able to cope without a large investment by providers
which
> we would have to pay for. End users would have to spend more time on
> line which many people have to pay for (either phone, or ISP, or
both).
> I use PGP for email, I do not see the need for it in news; with email
I
> only need a small number of keys, if I wanted to use it with news I
> would need a vast number of keys.

The network bandwidth sky is not falling. I'll bet your complaints
about my Verisign signature (since removed for news, sorry about it in
the first place) have now consumed much more bandwidth anyway.

Apparently folks in the .uk domain have archaic network access at a
great deal of expense - I'm sorry to hear about it. I can relate -
I don't get DSL where I live, I have to be content with ISDN.

As for end-users paying more, well, yeah, that's inevitable, but that's
not about ham-radio.

--
Dana K6JQ
Dana@Source.Net

Sent via Deja.com http://www.deja.com/
Before you buy.

474. Portugal-Help

Newsgroup: rec.radio.amateur.space
Date: 2000-02-07 00:00:00 UTC
From: Carlos Filipe <shortwave@mail.telepac.pt>
Message-ID: <87lmpr$cg5$3@duke.telepac.pt>
Source record: 10208

Please, pinout for Tuner , satelite receiver "Pace PSR800".
Tankio, 73

--
Carlos Filipe
swl/CT0 408
shortwave@mail.telepac.pt
Portugal

475. Re: Linux SatTrack

Newsgroup: rec.radio.amateur.space
Date: 2000-02-07 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn89t2s0.v79.nomail@linux.pe1chl.ampr.org>
Source record: 10209

John Mock <kd6pag@qsl-nojunk.net> wrote:
> On Sat, 1 Jan 2000 13:42:59 GMT, nomail@rob.knoware.nl (Rob Janssen)
> wrote:

> >>Some while ago I contacted www.bester.com for pricing details of the
> >>current version of SatTrack, and was informed that it was not available
> >>to anyone outside the US as the company did not have an export license.
> >>The earlier, non-commercial version is still freely available.

>The source and binary are available as part of the Debian LINUX 'potato'
>distribution. These are both available via http://www.debian.org and
>source is also available via http://www.amsat.org (although the Y2K code
>there had a minor bug at one point). Also available for Debian LINUX is
>the 'predict' program, also available as both source and binary via the
>same site.

But that is not the current version. It is version 3.

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

476. russian sats

Newsgroup: rec.radio.amateur.space
Date: 2000-02-07 00:00:00 UTC
From: DOUG NOBLE <scoteng@btconnect.com>
Message-ID: <87mfu4hmc1@news1.btconnect.com>
Source record: 10210

Hi all,
Can anyone update me on the status of the russian 2 up / 10 down sats ?
Are they still going ?
Is there a web site / program to calculate passes etc ?

Im thinking of it as a project for a scout amateur radio group and as we have no UHF kit it would seem like the low tech approach of the RS series might fit in well.

Many Thanks

Doug Noble GM0DJN
Glasgow

477. Re: 900 Megahertz Antenna

Newsgroup: rec.radio.amateur.space
Date: 2000-02-07 00:00:00 UTC
From: Ian Robert Walker <Ian@newbrain.demon.co.uk>
Message-ID: <bzoG7KARJnn4EwxL@newbrain.demon.co.uk>
Source record: 10211

In article <87ln4p$v2g$1@nnrp1.deja.com>, Dana@Source.Net writes

--------- cut --------

>The network bandwidth sky is not falling. I'll bet your complaints
>about my Verisign signature (since removed for news, sorry about it in
>the first place) have now consumed much more bandwidth anyway.

Possibly my complaints did, but if I had not you'd still be using it and
taking up more and more bandwidth. Thank you for removing it.

>Apparently folks in the .uk domain have archaic network access at a
>great deal of expense - I'm sorry to hear about it. I can relate -
>I don't get DSL where I live, I have to be content with ISDN.

Not so much .uk domain as the UK and many other countries, where we have
to pay for local calls (maybe our service rental is less, but I have not
compared). We are getting ADSL, but it's far from cheep!
--
Ian Walker G8ILZ on packet as G8ILZ

Pluralitas non est ponenda sine neccessitate

478. Re: 5 WPM ain't a code test. was Re: Code Exam "Disability" Waivers

Newsgroup: rec.radio.amateur.space
Date: 2000-02-07 00:00:00 UTC
From: thanatos999@my-deja.com
Message-ID: <87nhsnalq1@nnrp1.deja.com>
Source record: 10212
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

In article <87lib2gqs2@bashir.peak.org>,
Bill Nelson <billn@spock.peak.org> wrote:
> On Fri, 4 Feb 2000, Andy Wallace wrote:
>
> : Thousands of poor souls must have considered the exams for the last
five
> : years tough. The number of Generals has been about equal to the
number of
> : Advanced holders. If the exams were so easy, why didn't the
thousands of
> : Generals upgrade?? no code was required. What makes anybody think
these
> : Generals who couldn't--or wouldn't--pass the Advanced exam will now
jump to
> : Extra??
>
> The Advanced license give you only slightly greater operating
privileges.
> It just is not worth the effort.
>
> --
> Bill Nelson (billn@peak.org)

Actually it is considerable. It is the amount of band space from
advanced to extra (175KHz total) which is negligible.

General to advanced almost doubles the HF space on the non WARC HF bands
15-80

Sent via Deja.com http://www.deja.com/
Before you buy.

479. Re: russian sats

Newsgroup: rec.radio.amateur.space
Date: 2000-02-07 00:00:00 UTC
From: Ralph Mowery <rmowery@dialpoint.net>
Message-ID: <389F7661.EE4FF7B7@dialpoint.net>
Source record: 10213

Try www.amsat.org for the current info and they also have files there to download and the Kep data to use the programs.

DOUG NOBLE wrote:
>
> Hi all,
> Can anyone update me on the status of the russian 2 up / 10 down sats ?
> Are they still going ?
> Is there a web site / program to calculate passes etc ?
>
> Im thinking of it as a project for a scout amateur radio group and as we
> have no UHF kit it would seem like the low tech approach of the RS series
> might fit in well.
>
> Many Thanks
>
> Doug Noble GM0DJN
> Glasgow

480. How much power?

Newsgroup: rec.radio.amateur.space
Date: 2000-02-08 00:00:00 UTC
From: Tim Goldenburg <tim@moneystar.com>
Message-ID: <87perq$90b$1@news.jump.net>
Source record: 10214

How much power does it take to communicate with a satellite? 35 W, 50 W, 100 W? I'm new to amateur radio, and am very interested in the satellite and packet aspects. However, I don't want to spend too much money on a base station. Would it be possible for a Kenwood TH-D700A to communicate with a few satellites with a vertical 2m/70cm antennae? From what I understand, the D700A can receive and transmit on two different frequencies which is conducive to satellite work. But, is it enough power to get me started? Thanks.

--
Tim Goldenburg
tim@moneystar.com

481. Radio Meteor Obs. Bull. Jan 2000

Newsgroup: rec.radio.amateur.space
Date: 2000-02-09 00:00:00 UTC
From: Chris Steyaert <72650.3513@CompuServe.COM>
Message-ID: <87qrk8$qu2$1@ssauraaa-i-1.production.compuserve.com>
Source record: 10215

Radio Meteor Observation Bulletin No. 78 February 2000

1. FORWARD SCATTER METEOR OBSERVATIONS

Observer: Enric Fraile Algeciras
Location: Paseo Bonanova, 8 Barcelona (02 07'E, 41 24' N)
Frequency: 48.24715 MHz.
Transmitter Location: Biedenkopf C2 TV, Video Frequency 48.250 MHz,
ERP 100 kW, Azimut 90 +/-65
Antenna: 6-element Yagi 617-6B, 14 dBd gain.
astronomical azimuth 215 deg (=NE), elevation 0 deg.
Antenna: Six element Yagi 617-6B, 14 dBi gain, horizontal polariz.
Azimuth 200 deg (NE), elevation 20 deg
Receiver: home made converter 20 dB gain, 1 dB noise and Kenwood TS-830S.
10 dB attenuator in the receiver to reduce direct reception
Sensitivity: 0.25 uV for 10 dB S/N
Observing method: the audio signal of the video carrier is received using
a narrow CW filter (500 Hz) and fed into the PC in real time.
Data sampling system: using a super 14 bits A/D card to PC/XT
and "Data Capture" software with 1 second/18 sampling interval
to store all the > 0.5 s reflections.

| Jan 2000
UT | 17 18 20 21 22 23 24 25 26 27 28 29 30 31
----+--
0h| 0 0 0 0 2 7 2 4 8 3 0 0 0 1
1 | 0 0 1 2 3 4 4 4 7 3 0 0 0 0
2 | 0 2 0 2 7 0 1 0 6 1 0 1 1 0
B 3 | 0 7 1 1 1 1 * 5 8 0 0 0 0 0
4 | 0 0 3 4 0 3 5 4 * 4 1 0 0 0
5 | 0 0 1 1 1 13 7 * * 4 0 0 0 0
6 | 0 2 2 3 3 3 6 * 5 * 0 0 0 0
7 | 0 2 1 8 * 4 2 13 5 * 0 0 0 0
8 | 0 0 1 5 * 9 8 21 6 * 5 1 0 1
9 | 0 0 2 12 * 4 4 7 14 23* 2 4 1 0
10 | 0 0 3 2 2 4 2 9 8 5 0 1 0 0
11 | 0 0 1 0 10 0 5 20 1 3 0 0 0 0
12 | 0 0 0 0 0 0 0 8 2 4 0 0 0 0
13 | 0 0 2 1 3 0 3 23 6 1 0 0 0 0
14 | 0 0 2 1 7 1 3 6 27* 2 0 0 0 0
15 | 3 0 0 1 3 0 3 11 13 0 0 0 1 0
16 | 0 0 1 0 3 1 1 8 * 6 0 0 0 0
17 | 0 0 0 0 7 1 3 7 * 9 0 0 0 0
18 | 0 0 1 0 4 9 1 19 * - 0 0 0 0
19 | 0 0 1 5 1 5 5 10 3 2 0 0 1 0

```
20 | 0 0 7 1 6 11 5 8 2 0 0 0 1 1
21 | 2 0 0 4 9 3 3 13 5 0 1 0 0 0
22 | 0 0 2 4 24 3 5 14 6 0 0 1 0 0
23 | 2 0 1 2 2 4 3 11 0 0 1 0 0
----+-----------------------------------------------------
UT | 17 18 20 21 22 23 24 25 26 27 28 29 30 31
| Jan 2000
```

Note:
* local C2 interference or propagation opening
I am working now with some university students to develop a stable software using Global MS Network, similar to MCT5.
This software has been written to run in a PC under MS-Dos, Win 3.x or Win 9x (not recommended), with a CGA display, video card or better.
The program is based on the reading of the PARALLEL port, connected to a hardware which connects Pin 12 and 23 when a reflection occurred and disconnect when the reflection ends. The program counts number of seconds that the pins are connected.
The program shows through display BIOS date and time, remaining time to save data, number of meteors counted in last 10 minutes, a menu and duration of a meteor.
Data are saved to a text file (dd#mm#yy.min) on hard disk, every 10 minutes, creating a new file every day. File could be read from any text editor.
The structure of the file is:
Date | Hour_init | Hourr_end | Num_Meteor | Sec_Max_duration

Enric Fraile Algeciras

Observer: Michael Boschat
Location: Halifax, Canada (63 36'W, 44 39'N, 58 meters above sea level)
Listening Frequency: 83.24 MHz
Receiver: Icom R-10
Antenna : resonant dipole
Antenna Direction: Horizontally polarized with lobes in E-W plane, elev 0 deg
Filter : high-Q (Q at least 300) bandpass filter between antenna & receiver.
Listening Mode: CW
Recording method: listening by ear

January 2000

Number of meteors heard in one hour interval

```
| UT
Jan | 09h 10 11 12 13 14 15 16 17 18 19 20 21 22 23
----+-----------------------------------------------------
1 | - - 2 2 - 3 3 - - - - - - - -
2 | - - - - 6 11 9 11 - - - - - - -
3 | - - - - 5 12 22 8 10 16 17 - - - -
4 | - - - 6 5 - - - - - - - - - -
5 | - - - 13 13 11 14 - - - - - - - -
```

```
14 | - - - 33 18 15 22 - - - - - - - -

18 | - - 6 9 5 19 8 - - - - - - - -

27 | - - - - - 5 4 - - - - - - - -
----+------------------------------------------------------------
| 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23
```

Notes:
no corrections for radiant position made to the counts.
- = no observations made.
* = Interference

Mike Boschat

Observer: Maurice De Meyere
Location: Deurle, Belgium (3 37' E, 51 00' N)
Frequency: 66.51 MHz
Transmitter locations (all stations of more than 10 kW):
66.35 MHz, Klaipeda, Lithuania 12 kW, 05h00-22h00
66.47 Viesintos Lithuania 12 05h00-22h00
66.62 Budapest Hungary 100 24hrs
66.68 Valmiera Latvia 20 04h30-22h00
Antenna: crossed Yagi (x form), 4 elements, astronomical azimuth 270 deg (= E), elevation 27 deg.
Antenna amplifier: 25 dB max level 90 dBmuV
Receiver: commercial, Progresson 447A, TESLA (Bratislava)
The receiver was calibrated with a Marconi TF2008 signal generator. Sensitivity: 5 muV (modulation frequency 1000 Hz, frequency sweep 38 kHz) at (S+N)/N = 20 dB.
SWR of antenna alone at 66.5 MHz: 1.4/1 (good to very good), measured with MFJ/259P SWR analyzer (HF-VHF 1.8 MHz to 170 MHz) on Sep 28, 1998.
Observing method: automated setup, 150 samples/second, 8 bit resolution. [Time and details of all individual meteor reflections are stored on file in the University of Ghent format (Prometeos), and are available for further analysis. Reduction software for DOS and Windows available].

January 2000

Raw counts of reflections with a duration of at least 0.027 s during one hour interval starting at UT:

```
Jan | UT
2000 | 21h 22 23 00 01 02 03 04 05 06 07
------+-----------------------------------------------------
1- 2 | 91 81 84 114 90 105 109 168 150 101 124
2- 3 | 99 125 153 157 132 107 112 119 96 106 55
3- 4 | 145 190 50 81 52 77 300 133 72 23 134
4- 5 | 55 47 19 12 11 35 75 113 55 44 46
5- 6 | 35 31 21 39 7 16 80 67 38 60 -
6- 7 | 37 39 22 18 11 16 43 55 42 68? 31
```

```
7- 8 | 67? 31 17 15 19 18 35 69 43 30 28
8- 9 | 28 26 27 25 18 10 40 67 64 87? 43
9-10 | 25 33 22 26 20 18 49 65 44 47 42
10-11 | 44 31 47 23 16 32 53 51 49 54 56
11-12 | ? ? 54? ? 28 22 54 61 46 40 34
12-13 | 55? 23 16 16 21 28 68 76 46 47 51
13-14 | 14 27 15 12 18 19 67 61 54 65 36
14-15 | ? 45 25 ? 19 38 49 54 51 ? ?
15-16 | 17 25 15 15 19 23 29 48 71 55 73?
16-17 | ? ? ? 53 19 28 60 49 37 54 ?
17-18 | 36 24 12 22 10 19 60 61 41 48 38
18-19 | 44 17 27 31 16 26 49 50 42 38 33
19-20 | 23 21 22 22 13 24 47 51 51 59 47
20-21 | 15 18 8 23 14 11 28 29 39 ? 41
21-22 | 37 24 14 20 15 25 59 48 50 66 58
22-23 |
23-24 | 16 12 21 ? 28 27 48 40 ? ? ?
24-25 | 43 46 ? ? 17 39 45 40 47 72? 39
25-26 | 6 10 13 20 21 18 50 70 38 44 35
26-27 | ? 33 11 25 19 29 44 55 37 44 50
27-28 | 15 24 24 ? 26 19 61 50 41 49 35
28-29 | 19 14 8 20 24 15 25 29 41 38 44
29-30 | 19 17 18 20 6 9 7 61 41 35 ?
30-31 | 16 27 26 9 8 13 38 40 59 28 32
31-01 | 52? 26 12 35 10 12 32 63 39 ? ?
------+-----------------------------------------------------
2000 | 21h 22 23 00 01 02 03 04 05 06 07
Jan | UT
```

Raw counts of reflections with a duration of at least 1.000 s
during one hour interval starting at UT:

```
Jan | UT
2000 | 21h 22 23 00 01 02 03 04 05 06 07
------+-----------------------------------------------------
1- 2 | 10 11 12 17 4 15 14 21 15 10 16
2- 3 | 14 24 61* 68* 36* 5 9 12 11 25* 4
3- 4 | 32* 34 6 17* 15* 19* 91* 15 11 3 18
4- 5 | 7 5 1 4* 0 5 9 ? 7 6 6
5- 6 | 6 3 3 16* 1 3 ? 4 2 ? -
6- 7 | 7 12* 3 3 1 0 8 7 2 14* 2
7- 8 | 13 8* 5* 3 4* 0 7 6 2 6 5
8- 9 | 3 3 6* 3 2 1 3 2 9 18* 3
9-10 | 3 5 3 8* 2 0 1 5 5 5 21*
10-11 | 8 2 3 1 2 1 6 2 2 11* 5
B11-12 | ? ? 12 ? 14? 1 12* 8 6 6 3
12-13 | 8 4 4* 2 1 4 12 9 2 8 10
13-14 | 2 6* 0 1 2 2 10 4 4 5 5
14-15 | ? 8 1 16* 1 5 8 4 4 ? ?
15-16 | 1 2 2 2 4* 4 3 1 4 8 10
16-17 | 2 ? ? 8 2 2 13* 6 1 10 ?
```

```
17-18 | 3 3 2 5* 0 4* 11 8 4 9 4
18-19 | 8 1 8* 5 4* 3 4 9 5 5 5
19-20 | 3 1 2 3 2 2 10* 4 9 5 4
20-21 | 5* 1 1 4 1 1 4 4 7 ? 6
21-22 | 3 3 1 2 3 3 6 4 12* 5 3
22-23 |
23-24 | 6* 1 4 12* 8* 4 4 3 ? ? ?
24-25 | 13* 12* ? ? 1 3 5 3 6 14 5
25-26 | 3* 1 1 3 4 3 3 6 3 14* 6
26-27 | 15* 10* 2 2 3 2 4 7 2 3 9
27-28 | 4* 1 3 ? 7* 1 11 2 8 10* 4
28-29 | 3 0 0 1 3 0 1 1 6 4 9*
29-30 | 4* 4* 0 3 2* 1 0 10 6 4 9
30-31 | 3 4 10* 2* 0 4* 3 5 8 7 7*
31-01 | 13* 8* 1 16* 2 1 5 6 2 14* ?
------+-----------------------------------------------------
2000 | 21h 22 23 00 01 02 03 04 05 06 07
Jan | UT
```

Notes:
. ? probably affected by sporadic-E, tropo, direct reception.
. * warning for relative high number of long duration reflections,
an indication for potential stream activity.
. local time = UT + 1 hour

Maurice De Meyere

Location: Astronomical Observatory, University of Ghent, Belgium
(ED50 coordinates: 3 42' 32" E, 51 01' 25" N)
Antenna (2x): 4 elements horizontal Yagi, pointed East, elevation= 20 deg
Antenna amplifier: 10 dB gain
narrow band resonance lambda/4 antenna filter
Frequency: (1)=66.29 MHz (signal) and (2)=65.3 MHz (interference control)
BReceiver (2x): modified commercial FM receiver
Data acquisition: 12 bits PC-based A/D convertor, 250 Hz sampling rate
BInterference rejection:
dual setup: receiver (1) tuned at distant transmitter, receiver (2)
tuned at empty frequency. Anti-coincidence measurement rejects
registration of broadbanded spurious signals (lightning, computers,
ignition motors, etc).
Further information:
see WWW page (additional info + observational data)
http://allserv.rug.ac.be/~hdejongh/astro/meteor/meteor.html
Data format:
results are shown as total reflection time, expressed as
B a percentage. The actual number shows 10 times this value.
When no figure is shown, the equipment was either out of service,
or results could have been affected by interference, sporadic-E.

```
-------------------------------------------------------------
| Jan 2000 | 10x % reflec. time | horiz: day | vert: time UT|
-------------------------------------------------------------
| 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
---+---------------------------------------------------------
0 | 35 23 32 25 14 11 4 9 6 4 3 5 4 6 2
1 | 28 39 39 41 15 9 16 30 13 16 12 27 10 7 5
2 | 33 43 44 54 18 15 27 28 10 11 15 20 13 10 26
3 | 35 47 69 95 26 19 30 16 25 26 52 13 40 7 13
4 | 67 50 77 133 73 35 25 24 34 34 23 19 53 20 21
5 | 53 58 77 114 36 25 23 47 24 14 28 17 35 34 20
6 | 56 37 52 60 37 13 47 29 18 37 25 15 30 29 20
7 | 54 73 74 153 40 27 43 36 19 50 43 23 27 32 44
8 | 54 111 83 255 17 24 35 22 29 17 21 6 50 20 33
9 | 63 65 49 416 16 32 56 26 24 29 14 4 30 13 36
10 | 51 55 54 429 13 19 24 64 31 22 24 11 20 10 28
11 | 48 49 68 243 29 45 25 23 27 20 15 13 20 21 18
12 | 44 34 53 197 35 24 21 19 90 21 8 10 12 15 13
13 | 49 31 60 134 16 17 26 26 11 10 4 7 10 8 13
14 | 32 41 43 72 22 13 10 10 30 4 4 1 5 9 11
15 | 26 21 35 43 12 13 12 9 15 3 1 7 9 3 15
16 | 15 11 28 28 5 9 8 12 11 3 4 5 7 8 8
17 | 12 21 43 21 16 13 11 17 11 9 2 5 13 8 4
18 | 14 17 28 31 9 10 7 9 16 12 3 7 11 8 6
19 | 14 22 47 23 9 7 8 9 22 6 9 6 11 6 3
20 | 12 29 55 30 10 16 9 15 13 12 8 5 13 6 6
21 | 20 28 106 22 13 13 14 10 14 15 11 17 9 8 11
22 | 31 43 129 17 18 14 14 15 27 8 7 35 11 11 5
23 | 18 24 25 4 6 2 6 6 11 7 5 8 2 2 3
---+---------------------------------------------------------
| 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

-------------------------------------------------------------
| Jan 2000 | 10x % reflec. time | horiz: day | vert: time UT |
-------------------------------------------------------------------
B | 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
---+---------------------------------------------------------------
0 | 4 3 1 3 5 8 1 9 3 1 15 4 2 3 8 3
1 | 16 12 9 3 20 9 4 8 22 15 4 4 10 9 6 6
2 | 14 8 9 7 7 7 18 9 7 7 5 9 8 5 4 10
3 | 19 9 15 12 15 12 25 9 13 8 9 11 18 10 10 15
B 4 | 27 18 38 12 23 23 23 24 16 13 14 14 38 12 30 25
5 | 23 11 25 10 24 12 22 37 11 4 21 16 30 12 14 16
6 | 16 15 15 25 34 50 13 11 33 15 16 20 14 19 23
7 | 35 26 22 25 33 37 20 27 15 40 26 26 32 16 40 30
8 | 28 20 30 27 23 9 25 19 10 10 29 13 18 23 25 59
9 | 32 7 13 13 9 25 15 21 10 2 11 9 11 25 44 96
B10 | 31 18 13 10 8 8 16 45 6 6 15 8 13 38 32 17
11 | 13 15 16 12 11 30 13 36 20 31 28 15 8 29 18 12
12 | 21 5 10 4 22 16 20 15 17 17 21 26 10 10 14 11
13 | 37 5 6 22 7 7 20 13 7 7 15 3 8 11 8 15
```

```
14 | 18 11 4 3 7 5 19 11 5 5 5 6 5 12 7 12
15 | 7 5 8 4 6 1 8 3 3 2 4 6 18 12 9 5
B16 | 5 18 2 2 3 2 6 9 5 12 3 3 3 3 40 4
17 | 4 7 2 4 4 4 5 6 6 6 4 3 3 5 5 3
18 | 4 5 4 3 5 14 5 6 3 5 3 7 8 3 7 5
19 | 10 5 6 6 4 3 2 4 11 9 4 5 3 11 6 12
20 | 8 6 13 7 6 10 11 11 3 4 3 4 4 16 11 6
21 | 6 8 9 10 8 4 11 10 2 9 11 5 4 13 7 11
B22 | 25 8 6 10 11 4 3 6 6 4 9 10 4 8 9 8
23 | 2 1 11 1 6 1 1 3 0 1 3 3 2 1 3 3
---+------------------------------------------------------------
| 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
```

Notes:
. good Quadrantids activity on Jan 4
. one or more transmitters have ceased broadcasting since early 2000.
The counts are considerably lower, and therefore interference has
a bigger impact.

Pierre De Groote

Observer: R.B. Minton
Location: Raton, NM (104 26' W, 36 54' N, 2000 m above sea level)
Frequency: 92.9 MHz
Transmitters: KTZA FM 100 kW, Artesia NM, dist 444 km, geogr azim 178 deg
KSPZ FM 53 kW, Color. Springs, dist 217 km, geogr azim 352 deg
KYBR FM ? kW, Espanola NM, dist 180 km, geogr azim 236 deg
???? FM ? kW, Juarez Mexico, dist 579 km, geogr azim 198 deg
KWFM FM 90 kW, Tucson AZ, dist 798 km, geogr azim 233 deg
Antenna: folded dipole, on 6.3 m high mast, oriented N-S
Receiver: Subaru 12 V DC car radio with digital tuning
Observing method: conditioned audio input in the game port of an IBM 386 SX-50
PC, 128 samples/second, DOS/Basic software, automatic

Total hourly counts

December 1999

```
Dec| UT
1999| 0h 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23
----+------------------------------------------------------------------------
1 | 2 4 9 4 13 7 8 5 4 5 6 4 2 5 4 3 8 9 5 5 4 4 5 10
2 | 2 5 4 6 6 4 4 1 10 2 5 3 5 8 2 7 10 7 4 2 2 6 11 13
3 | 6 6 5 5 8 6 6 6 7 1 7 6 5 2 5 1 9 5 7 3 7 4 6 10
4 | 4 38? 5 2 6 5 3 1 6 5 1 3 4 5 3 5 11 11 6 4 6 9 4 7
5 | 4 4 3 3 1 2 1 4 2 5 3 9 2 3 6 6 2 15 5 2 3 0 1 5
6 | 5 3 5 2 2 1 2 5 1 2 2 5 3 2 4 3 3 4 7 2 2 3 4 12
7 | 6 4 3 3 7 7 0 7 5 6 7 4 6 7 4 6 8 5 2 4 2 2 5 6
8 | 3 6 4 4 6 3 3 3 1 2 6 5 3 3 3 6 13 11 14 2 2 9 5 8
9 | 6 4 2 2 13 2 1 1 3 5 3 4 3 2 6 6 11 8 11 10 8 5 4 14
10 | 10 2 6 3 4 7 3 4 5 3 1 54 5 5 9 3 4 7 6 4 4 5 4
13 | 1 5 8 7 14 13 19 4 3 2 1 4 5 10 10 16 11 7 1 3 1 2 2 2
```

```
14 | 3 6 12 13 9 14 16 3 4 3 3 7 5 5 11 21 14 7 8 3 11 3 4 5
15 | 11 5 11 9 14 13 9 5 2 3 3 4 4 4 6 8 17 10 10 6 6 6 4 4
16 | 1 6 5 3 7 7 6 3 3 4 3 6 4 3 4 6 10 10 8 3 7 6 2 5
17 | 2 3 4 6 4 4 5 4 4 3 5 5 0 2 7 2 9 4 11 8 7 2 8 8
18 | 6 9 7 11 6 4 14 3 5 4 4 5 3 4 3 8 21 6 2 5 8 2 6 9
19 | 6 6 1 0 8 4 3 7 4 6 2 2 5 2 2 1 7 4 7 7 8 3 3 6
20 | 5 5 8 2 2 2 1 9 1 3 2 2 3 4 1 2 0 2 1 0 0 0 0 0 0 1 1 2 1 1 0 3 8 5 11
30 | 6 0 2 8 11 2 0 6 2 4 5 4 7 4 8 8 7 2 12 3 4 0 2 4
31 | 0 0 1 0 1 1 0 3 2 4 6 0 3 2 2 4 9 1 14 11 4 4 5 4
----+--------------------------------------------------------------------------
1999| 0h 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23
Dec| UT
```

Signal duration distribution for the above period

Duration (s)	Number
< 0.1	1400
0.1 to 0.3	1058
0.3 to 1	752
1 to 3	485
3 to 10	170
10 to 30	3
> 30	0

R.B. Minton

Observer: Sadao Okamoto
Location: Damine Meteor Observatory, Japan (137.53 E, 35.07 N)
Transmitter: HAM beacon (JA9YDB) for RMO (50 W CW, 53.7500 MHz) by
JA9BOH Kimio Maegawa. No modulation except for identification.
Antenna: 2 element Cross Yagi 4 dBi aiming to Zenith. Omni-directional
in azimuth and elevation above 15 deg elevation.
Location: Fukui-NCT at Sabae city (136.2 E, 35.9 N)
At present time about 10 observers are listing for
Kimio Maegawa's 53.75 MHz beacon.
Receiver: IC575
Antenna: 2 element Yagi, pointed to the zenith.
Observing method: FFTDSP software, manual count.

Hourly echoes over 10 dB SNR

```
2000
Jan| 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23LT
Jan| 15 16 17 18 19 20 21 22 23 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14UT
--+--------------------------------------------------------------------------
1| 39 48 63 51 61 63 53@65@28 n n n n n n n n n n 9 19 37 -- --
2| -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- --@41
3| -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- n n n n 9 19 31 37@51
4| 48 52 81 81104 93122114 87 67 48 n n n n n n n 10 9 15 34 42 --
5| 53 69 72 76 84 90 97 70 44 26 32 34 23 18 16 n 11 14 5 13 12 30 34@38
6| 27 50 45 59 62 59 64 47 30 42@43 40 20 26 16 13 e 9 10 7 19 30 33@39
7| 42 36 61 61 57 57 56 55@48@40 38 41 24 n n n 10 n @8 13 8 23 16@25
```

```
8| 26 39 57 69 50 50 63 42 35 42@24 23 17 20 10 @9 n n n 23 12 24 39 --
9| 26 49 36 58 62 66 57 60 46 37 23 17 20 13 14 8 5 16 11 12 21 30 42@35
10| 35 48 61 56 52 57 67 52 46 32 33 22 14 21 9 10 5 n n @9 15 10 18@25
11| 28 38 45 55 51 51 34 43 n@22 20@25 n n n n n n 5 10 27 33 21@36
12| 32 41 58 52 59 59 60 45 46 38 42 n 25 16 18 10 10 5 11 8 21 33 32@31
13| 36 43 53 51 59 58 56 39 36 43 40 31 26 29 13 5 14 5 7 10 21 33 32@37
14| 44 41 35 42 72 66 45 28 42 n n 12 n n n n 9 10 7 11 13 26 39@29
15| 32 43 58 47 58 65 47 44 41@26 n n n n n n n 8 5 5 24 24 27 31
16| 30 37 46 69 59 50 49 33@30 47 44 39 27 19 12 9 8 14 12 12 18 23 35 41
17| 44 45 52 62 56 57 49 45@36 47 34 37 24 n 12 6 13 14 9 10 16 21 30 37
18| 39 43 47 50 53 60 44 44@42 n@35 n n n n n n 6 13 17 14 31 39 47
19| 44 47 51 56 53 67 53 50@37 33 42 n n n n n n n 9 16 21 31 31 33
20| 34 42 56 61 73 45 61 39 n n n n n n n n n n 6 10 13 16 29 37
21| 34 28 41 48 58 58 62@33@24 n n n n n n n n 6 11 9 8 34 36 37
22| 42 56 59 50 58 15 53 58 n 26@20 n n n n n n 4 8 5 14 37 31 50
23| 47 46 51 56 45 52 42 48@37@49 42 25 21 16 11 9 5 8 6 10 12 31 36 40
5 16 17 18 19 20 21 22 23 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14UT
Jan| 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23LT
2000

Echoes with duration > 5 s
2000
Jan| 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23LT
Jan| 15 16 17 18 19 20 21 22 23 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14UT
--+------------------------------------------------------------------------
01| 3 4 2 3 3 3 2 2 1 1 -- --
02| -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- --
03| -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- 1 1
04| 1 3 9 9 18 24 21 33 25 24 13 1 1
05| 4 13 2 6 6 17 10 11 3 2 4 1 1 2 1 2
06| 1 3 4 3 6 6 2 5 3 1 2 1 2 1
07| 2 3 2 4 2 10 4 3 3 6 1 1 1 1 3
08| 2 1 6 9 4 5 3 4 10 6 3 1 2 1 1 1
09| 2 5 2 3 5 3 6 5 4 1 1 1 1
10| 7 3 10 4 4 4 3 7 1 2 2 1
11| 2 3 4 6 5 4 4 3 1 3 2
12| 1 3 4 2 2 5 4 1 2 7 3 2 2
13| 1 4 3 2 2 1 2 3 2 2 1 1 1
14| 1 2 1 1 2 4 2 2 3
15| 1 3 2 2 1 3 3 1 1 1 1 1
16| 2 5 2 3 3 4 5 3 3 3 1 1 1 1 1 2 3
17| 2 4 4 1 1 2 2 1 1 1 1 1 1 2 1 1
18| 1 3 2 6 2 2 2 1
19| 2 3 2 5 1 5 4 3 4 4 4 1 1
20| 2 3 1 5 2 1 3 1
21| 1 5 2 4 4 1
22| 3 1 5 4 6 2 4 1 2 5
23| 3 7 1 4 1 1 4 2 2 4 1 1 1 1 3
24| 4 1 4 3 4 1 1 1 1 1
25| 1 3 2 2 1 3 2 2 6 1
```

```
26| 2 1 1 2 4 5 1 1
27| 1 3 3 2 2 4 2 3 1 2 2
28| 2 2 3 4 3 1 1 1 2 2 1
29| 1 1 3 1 3 1 3 1 2 1 1
30| 1 8 1 2 5 2 1 1 1
31| 3 5 1 5 2 1 4 2 1 1
--+------------------------------------------------------------------------
Jan| 15 16 17 18 19 20 21 22 23 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14UT
Jan| 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23LT
2000

Daily rate of long echoes (duration > 20 s)

2000
Jan 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
----------------------------------------------------------------
Count 3 -- -- 13 5 2 4 5 1 5 2 3 0 1 1 3

Jan 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
---------------------------------------------------------------
Count 0 0 1 1 0 3 1 0 1 0 3 0 0 3 1

Notes:
. the peak of Quadrantids activity was observed on Jan 3, 21h UT.
-: lost counts because of high noise level or machine failure.
@: hourly rate estimated by effective observation time less than 60 min.
n: contamination due to radio noise or interference.
e: contamination due to sporadic E opening.
f: no data available due to TX or RX failure.
LT = local time = JST = UT + 9 hours

Sadao Okamoto

-------------------------------------------------------------------------
Observer: Garfield Tsao (BM2EQB)
Location: LonTan Observatory
LonTan, TauYan, Taiwan R.O.C. (121 14'37" E, 24 52'54" N by GPS)
Frequency: 50.0169 MHz USB mode 3 kHz width.
Antenna: Comet made 50MHz Yagi HB 4 element (gain 10.3 dBi)
astronomical azimuth 225 deg (=NE), elevation 7 deg.
Transmitter: MIYAZAKI University Japan, USB mode, 50 W (24 hours),
distance about 1125 km from Lon Tan.
Receiver: Icon PCR-1000 computer controlled all band receiver
Sensitivity: 0.25 uV for 10 dB S/N for USB mode
Observing method: the beacon 880 Hz voice signal (by FFTDSP) is
received by a low frequency filter (880 Hz)and fed into
the D/A converter and computer in real time.
Data sampling system: using an 8 bits A/D card to PC/AT and Qbasic program
with /8 second sampling interval to store the> 1.0 s reflections.

December 1999
```

1999|00h01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23LT
Dec|16h17 18 19 20 21 22 23 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15UT
----+---
11 | * * * * * * * * * * * * * 8 5 6 6 7 7 6 13 8 16 8
12 |12 9 8 6 6 10 7 5 11 9 6 7 6 * * * * * * * * * * *
-----------------------------. "Es" mark= E layer propagation and E layer sporadic of
reflection.
. many strong (> 20 dB) and long (> 60 s) meteor-like echoes on Dec 18-19.

Garfield Tsao

Observer: Ilkka Yrjola
Location: Finland (26 35' E, 60 54' N)
Frequency: 88.8 MHz ?
Receiver: Salora SRP-22 modified, narrow band FM (B=15 kHz)?
detected signal level >-122 dBm.
FM detection, no pulse noise rejection required.
Antenna: 2-el. Yagi, G=4 dBd to SW, azimuth 45 deg (SW), polarisation H.
Data sampling system: threshold triggering, sampling rate 32 ms.
Computer logs total hourly elapsed reflection time, number of
triggers for the hour, the longest time the signal was
continuously above detection level for the hour.
Data on major showers available in the Compact MS-Soft format.
Software for viewing available from
www.saunalahti.fi/~oh5iy/radio50.zip (754 K).

Quadrantids 2000

Meteor counts in one hour intervals starting at:

UT | 2 Jan 3 Jan 4 Jan 5 Jan
----+----------------------------------
0h | 21 76 569 146
1 | 88 63 413 159
2 | 36 0 292 161
3 | 102 129 400 150
4 | 59 132 374 167
5 | 255 65 26 133
6 | 55 170 155 137
7 | 85 132 350 191
8 | 24 47 3 148 920 149
10 | 76 143 2378 235
11 | 161 213 2220 173
12 | 63 178 1792 112
13 | 128 210 1265 181
14 | 137 238 876 31
15 | 126 210 564 121
16 | 88 198 334 104
17 | 47 115 231 128
18 | 73 57 24 47
19 | 89 170 24 99
20 | 143 144 119 23

```
21 | 102 312 122 49
22 | 107 340 161 40
23 | 89 86 126 29
----+---------------------------------
UT | 2 Jan 3 Jan 4 Jan 5 Jan
```

Note
The time of the peak of the Quadrantids was interesting this year.
The normal +6 h shift from previous years to 2000 is not quite correct this year?

Ilkka Yrjola

2. ABOUT THE RMOB

The RMOB is an independent initiative of some workers in the field of radio Bmeteor scatter observations and data reduction. It started in August 1993 in order to spread rapidly the Perseid results via E-mail. Since then, it has appeared monthly, and it has gradually been expanded. In regularly publishing summaries of observations, potential radio observers are kept up to date of existing installations, possibilities and limitations of radio meteor observations. In the long run, there should be sufficient observing stations to cover the whole globe, allowing to detect stream outbursts which may remain unnoticed visually.

RMOB contains typically: summaries of recent observations, equipment data, first results of stream activity by radio methods, relations between radio and optical meteors, references to other publications in the field of meteor astronomy and radio scatter techniques, announcements of meetings, short questions and answers, non-commercial (second hand) sale of radio equipment, available software.

Contributors are mentioned, and interested persons are asked to contact them directly.

RMOB can be copied freely in unabridged and unmodified form. Extracts should indicate the source (Radio Meteor Obs Bulletin, month and year).

If you want to subscribe (or un-subs-mail: Ea3btz@retemail.es
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--
Christian Steyaert (RMOB0001) 8 February 2000
--

482. Re: 5 WPM ain't a code test. was Re: Code Exam "Disability" Waivers

Newsgroup: rec.radio.amateur.space
Date: 2000-02-09 00:00:00 UTC
From: Bill Nelson <billn@spock.peak.org>
Message-ID: <87r1uq$4rf$7@bashir.peak.org>
Source record: 10216
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

In rec.radio.cb thanatos999@my-deja.com wrote:
: Bill Nelson <billn@spock.peak.org> wrote:
:> On Fri, 4 Feb 2000, Andy Wallace wrote:
:>
:> The Advanced license give you only slightly greater operating
: privileges.
:> It just is not worth the effort.
:>
:> --
:> Bill Nelson (billn@peak.org)

: Actually it is considerable. It is the amount of band space from
: advanced to extra (175KHz total) which is negligible.

: General to advanced almost doubles the HF space on the non WARC HF bands
: 15-80

You may be right. I was relying on my memory - which is known to be
occasionally faulty.

Thanks for the correctiion.

--
Bill Nelson (billn@peak.org)

483. Re: How much power?

Newsgroup: rec.radio.amateur.space
Date: 2000-02-09 00:00:00 UTC
From: Laura Halliday <va3ldh@sympatico.ca>
Message-ID: <38A19D3C.30F80BEF@sympatico.ca>
Source record: 10217

Tim Goldenburg wrote:

> How much power does it take to communicate with a satellite? 35 W, 50 W,
> 100 W? I'm new to amateur radio, and am very interested in the satellite
> and packet aspects. However, I don't want to spend too much money on a base
> station. Would it be possible for a Kenwood TH-D700A to communicate with a
> few satellites with a vertical 2m/70cm antennae? From what I understand,
> the D700A can receive and transmit on two different frequencies which is
> conducive to satellite work. But, is it enough power to get me started?
> Thanks.

Which satellite? What mode? How reliably?

Most of the satellites have sensitive uplink receivers and
they can hear you just fine. It's usually more of a challenge
to make sure that you can hear them.

FWIW: at school I was working the 1200 and 9600 baud digital
satellites, horizon to horizon, with about 100 watts ERP. 20 watts
out of the 736, 3 dB feedline loss, 10 dB gain antenna.

While stories abound of people hitting AO-27 with 1 watt from
a handheld - possible in theory, and occasionally possible in
practice - more reliable communication requires a bit more.
But not that much more. Experiment!

AMSAT (http://www.amsat.org) publish reams of stuff. Why not
have a look?
--
Laura Halliday VA3LDH "Laisse le vent tout emporter..."
Grid: FN03gs - Foly/Viennet

484. Re: How much power?

Newsgroup: rec.radio.amateur.space
Date: 2000-02-09 00:00:00 UTC
From: Agent I <I@theoffice.net>
Message-ID: <87sahp$rv8$1@grandprime.binc.net>
Source record: 10218

I think 5W should be pleanty for most. I have used AO27 and if you hit it with more than like 10W it shuts down. AO27 was designed to be worked with a HT. You can get a hand-held beam antenna for your HT which will help.

Tim Goldenburg <tim@moneystar.com> wrote in message news:87perq$90b$1@news.jump.net...
> How much power does it take to communicate with a satellite? 35 W, 50 W,
> 100 W? I'm new to amateur radio, and am very interested in the satellite
> and packet aspects. However, I don't want to spend too much money on a
base
> station. Would it be possible for a Kenwood TH-D700A to communicate with
a
> few satellites with a vertical 2m/70cm antennae? From what I understand,
> the D700A can receive and transmit on two different frequencies which is
> conducive to satellite work. But, is it enough power to get me started?
> Thanks.
>
> --
> Tim Goldenburg
> tim@moneystar.com
>
>

485. Thanks to all who responded to my question.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-09 00:00:00 UTC
From: Blaine Harris <bharris@dancris.com>
Message-ID: <sa4541l253n47@corp.supernews.com>
Source record: 10219

Thanks for all the info.

Looks like I need to "drop" back to using my hand held and rethink my antenna.

Blaine

KK7SY@arrl.net

486. Re: 5 WPM ain't a code test. was Re: Code Exam "Disability" Waivers

Newsgroup: rec.radio.amateur.space
Date: 2000-02-09 00:00:00 UTC
From: "Prof. Curt M. Breneman" <brenec@rpi.edu>
Message-ID: <38A225C1.7897@rpi.edu>
Source record: 10220
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

Bill Nelson wrote:
>
> On Fri, 4 Feb 2000, Andy Wallace wrote:
>
> : Thousands of poor souls must have considered the exams for the last five
> : years tough. The number of Generals has been about equal to the number of
> : Advanced holders. If the exams were so easy, why didn't the thousands of
> : Generals upgrade?? no code was required. What makes anybody think these
> : Generals who couldn't--or wouldn't--pass the Advanced exam will now jump to
> : Extra??
>
> The Advanced license give you only slightly greater operating privileges.
> It just is not worth the effort.
>
> --
> Bill Nelson (billn@peak.org)

Actually, the General-to-Advanced increment gives you much more addition
spectrum for the effort than Advanced-to-Extra does. If you like to
work 75m DX in the "window" (3,790 - 3,800 kHz), you need the Advanced
rating.

Curt Breneman
KC2EBP

487. Is there a satellite working in VHF??

Newsgroup: rec.radio.amateur.space
Date: 2000-02-10 00:00:00 UTC
From: gervais <gfillio1@globetrotter.qc.ca>
Message-ID: <%Uso4.1584$H07.53785@news.globetrotter.net>
Source record: 10221

hi there,is there a satellite working only on vhf?
i just would like to see if i can hear them and connect them if i can,
and how can i do it?

gervais
ve2ckn@rac.ca

488. Re: Is there a satellite working in VHF??

Newsgroup: rec.radio.amateur.space
Date: 2000-02-10 00:00:00 UTC
From: Christopher Cox <cobox@urec.net>
Message-ID: <01bf73cc$f4d22a80$517f473f@cbx-nt>
Source record: 10222

Welcome,

Try looking here first:

http://www.amsat.org/amsat/news/ans.html
http://www.amsat.org

It should give you a pretty good start. There are a slew of new birds up,
it looks like OPAL discharge a tube of them.
You could never tell from watching this newsgroup, so you might want to
subscribe to the AMSAT mail list server as well.

dididididahdidah (SK)

489. Re: Is NASA TV Link (GE2 x5) Encrypted?

Newsgroup: rec.radio.amateur.space
Date: 2000-02-11 00:00:00 UTC
From: KF6ZQN <radiofreq@earthlink.net>
Message-ID: <fVLo4.10646$pH6.367656@newsread1.prod.itd.earthlink.net>
Source record: 10223

Hi all,
The NASA TV Feed is in the clear. The transponder number is the same as the channel number for this satellite.
GE-2 Tx9 Horizontal C-Band.

Clear Skies

gutsyme wrote in message <38843E55.9CC8F4AF@netscape.net>...
>I watch NASA TV on GE-2 C-band channel 9 (do not know xponder#) in the clear
>all the time. I live in central U.S.A.
>
>mattg7obr wrote:
>

490. geo.sat beacons at 800-1300MHz?

Newsgroup: rec.radio.amateur.space
Date: 2000-02-11 00:00:00 UTC
From: Ash <ash@vvv.tf>
Message-ID: <38A403FC.CB2F9673@vvv.tf>
Source record: 10224
Cross-posted to: alt.radio.scanner,rec.radio.amateur.space,rec.radio.scanner,alt.satellite

Is there any geostationary sats transmitting anything at 800-1300MHz,
beacons...telemetry.. what ever.
It would be great for testing my directional antennas and preamps.
Thanks

//Ash

491. shuttle comms on satcom 261.8 !!

Newsgroup: rec.radio.amateur.space
Date: 2000-02-11 00:00:00 UTC
From: eavsdropper <ian@eavsdropper.dabsol.co.uk>
Message-ID: <38A43F86.FCA223E3@eavsdropper.dabsol.co.uk>
Source record: 10225

```
from eavsdropper
```

492. Database

Newsgroup: rec.radio.amateur.space
Date: 2000-02-11 00:00:00 UTC
From: Volker Baumann <volker.baumann@technet.net>
Message-ID: <MPG.130d2872dfecebbc9896ab@news.technet.net>
Source record: 10226

Hi

Maybe a strange question. I am not a very good programmer, and tried to make my own database with Microsoft Access., to collect all my information from Satellite spotting.
Well, the result was terrible.
Does anybody know, where I can find a useable Database with some kind of forms for Satellite information, Radio contact, success etc. (Shareware)

Thanks

Volker Baumann

493. 10 uses for an Extra Class License after April 15th.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-12 00:00:00 UTC
From: founder@arrl.com
Message-ID: <sa9bg5d2fo851@corp.supernews.com>
Source record: 10227
Cross-posted to:
rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.shortwave,rec.radio.swap

Top 10 List.

1.) Let it expire.

2.) Give it to a retard, they're gonna your spectrum anyway.

3.) Send it to the FCC & tell them to shove it.

4.) Get VE accredited and help license CBers.

5.) Send it to the ARRL & tell them "Thanks for Nothing"

6.) Listen to retards talking in your spectrum.

7.) Modify CB's for your new ham friends & test their echo Mics.

8.) Brush up on your 10-codes.

9.) Teach new hams how to make a dipole and turn on a soldering gun.

10.) Place it in the toilet Bowl... then flush, a CBer will find it.

Hiram Percy Maxim ex. w1aw

494. Spectrum International, J-Beam antenna

Newsgroup: rec.radio.amateur.space
Date: 2000-02-12 00:00:00 UTC
From: kennkk@my-deja.com
Message-ID: <8845iuavn1@nnrp1.deja.com>
Source record: 10228
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.misc

I plan to get back into ATV and want to know if anyone is using
what was called back in the 80's a "J-Beam" antenna. It was made by
Spectrum International and the model number was "88".

I own one of these and trying to remember how to put it back together.
Before I install it I was wondering if anyone might still have the
single page instruction sheet that came with it and if I could get a
copy of it.

I also would like to know what other ATV people are using and if I
should stick with this antenna or go with something else.

thanks,

please email direct: n1kk@netzero.net

Sent via Deja.com http://www.deja.com/
Before you buy.

495. Breaking News!

Newsgroup: rec.radio.amateur.space
Date: 2000-02-12 00:00:00 UTC
From: Pat Cox <peacox@gloryroad.net>
Message-ID: <38A58846.F6F540DE@gloryroad.net>
Source record: 10229

What is wrong with AMSAT-NA that we have to go to AMSAT-UK for the latest news? The most current info is always found on AMSAT-UK.

496. Re: 10 uses for an Extra Class License after April 15th.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-12 00:00:00 UTC
From: Prince of Coyotes <fdecker@catskill.net>
Message-ID: <sab3tn36ivs115@corp.supernews.com>
Source record: 10230
Cross-posted to:
rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.shortwave,rec.radio.swap

If he'd used W1AW to get his 13 and 20 WPM with their practice sessions,
like me and a lot of us, he'd know, wouldn't he? I got to 5 with the
ARRL's CDs, and the booklet that came with it printed their schedule.

<randas@mindspring.com> wrote in message
news:883sct$p3a$1@nntp9.atl.mindspring.net...
> Another soon to be extra...has no idea who or what W1AW is.
>
> de Tim K0FL
>
> SHOTT002 wrote in message
<20000211234712.03790.00000052@ng-fc1.aol.com>...
> >cry cry cry cry, I'm sick and tired of people crying over this, get a
life
> pal.
> >If you are an ex W1AW what are you doing still hanging with the in crowd?
> If
> >you don't like the new rules, and you have quit this hobby, then go find
a
> new
> >one and quit crying. I will personaly will become a 5wpm Extra just for
> people
> >like you. I'm sorry if I have touch a bad spot with some of you, but
really
> >getting tired of the crying. It's said and done, nothing you nor I can do
> about
> >it.
> >
> >Shane
> >Tech Plus.....but soon to be W1AW's equal
>
>

497. Re: Breaking News!

Newsgroup: rec.radio.amateur.space
Date: 2000-02-12 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8ab3r9.hmg.nomail@linux.pe1chl.ampr.org>
Source record: 10231

Pat Cox <peacox@gloryroad.net> wrote:
>What is wrong with AMSAT-NA that we have to go to AMSAT-UK for the
>latest news? The most current info is always found on AMSAT-UK.

Why would AMSAT-NA necessarily be better than AMSAT-UK?

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

498. all you want to know !!

Newsgroup: rec.radio.amateur.space
Date: 2000-02-13 00:00:00 UTC
From: PD2BVH <pd2bvh@qsl.net>
Message-ID: <884r4f$3phk9$1@reader2.wxs.nl>
Source record: 10232
Cross-posted to: alt.ham-radio.mods,alt.ham-radio.ssb,alt.ham-radio.vhf-uhf,rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.space,uk.radio.amateur

http://www.qsl.net/pd2bvh
http://www.qsl.net/pd2bvh/links.htm

--

73 55 and good DX.

Homepage: http://www.qsl.net/pd2bvh

E-mail:
pd2bvh@amsat.org
pd2bvh@qsl.net
inteross@planet.nl
PD2BVH.nl@12move.nl

499. Re: Breaking News!

Newsgroup: rec.radio.amateur.space
Date: 2000-02-13 00:00:00 UTC
From: Christopher Cox <cobox@urec.net>
Message-ID: <01bf75c2$5392d460$667f473f@cbx-nt>
Source record: 10233

> What is wrong with AMSAT-NA that we have to go to AMSAT-UK for the
> latest news? The most current info is always found on AMSAT-UK.
>

I'm sorry, such as what?

The AMSAT listserv seems to be up on things.

Christopher Cox

500. ** New BC895XLT software released

Newsgroup: rec.radio.amateur.space
Date: 2000-02-13 00:00:00 UTC
From: News <slyster7@mn.mediaone.net>
Message-ID: <x0qp4.29$yT6.5755@typhoon.mn.mediaone.net>
Source record: 10234
Cross-posted to: alt.ham-radio.marketplace,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

AirSCAN released- scanning software for the Uniden BC895XLT. Check out our website to see what it can do for you!

http://people.mn.mediaone.net/slyster7

"Silver Software" 02-12-00
slyster7@mn.mediaone.net

501. Re: How much power?

Newsgroup: rec.radio.amateur.space
Date: 2000-02-13 00:00:00 UTC
From: Maria Mason <amwmason@smartchat.net.au>
Message-ID: <38A655A4.28EC12DF@smartchat.net.au>
Source record: 10235

Hi Tim,
It really depends on the satellite (ie. What frequency, what orbit, etc). I have worked MIR on AX.25 with 1 W into a dipole on a good pass, on HF RS13 can be worked with 5-10 watts. RS13 may be a good satellite to start on ...
Cheers
Andrew

Tim Goldenburg wrote:

> How much power does it take to communicate with a satellite? 35 W, 50 W,
> 100 W? I'm new to amateur radio, and am very interested in the satellite
> and packet aspects. However, I don't want to spend too much money on a base
> station. Would it be possible for a Kenwood TH-D700A to communicate with a
> few satellites with a vertical 2m/70cm antennae? From what I understand,
> the D700A can receive and transmit on two different frequencies which is
> conducive to satellite work. But, is it enough power to get me started?
> Thanks.
>
> --
> Tim Goldenburg
> tim@moneystar.com

502. visit my page

Newsgroup: rec.radio.amateur.space
Date: 2000-02-13 00:00:00 UTC
From: fa1cil <fa1cil@wanadoo.fr>
Message-ID: <8863lg$hf5$2@wanadoo.fr>
Source record: 10236

Hello,

You can visit my home page at :

http://perso.wanadoo.fr/fa1cil/UK.htm

Deliver to me your opinion.

73 from FA1CIL Pascal.

503. Re: Database

Newsgroup: rec.radio.amateur.space
Date: 2000-02-14 00:00:00 UTC
From: Bill <nospam@evodata.net>
Message-ID: <88a1rr$r9e$1@news.chatlink.com>
Source record: 10237

http://www.lyngsat.com/tracker/tempo2.shtml
"Volker Baumann" <volker.baumann@technet.net> wrote in message
news:MPG.130d2872dfecebbc9896ab@news.technet.net...
> Hi
>
> Maybe a strange question. I am not a very good programmer, and tried to
> make my own database with Microsoft Access., to collect all my
> information from Satellite spotting.
> Well, the result was terrible.
> Does anybody know, where I can find a useable Database with some kind of
> forms for Satellite information, Radio contact, success etc. (Shareware)
>
> Thanks
>
> Volker Baumann

504. Re: Ignore, TEST!

Newsgroup: rec.radio.amateur.space
Date: 2000-02-14 00:00:00 UTC
From: Bill <nospam@evodata.net>
Message-ID: <88a1tu$r9u$1@news.chatlink.com>
Source record: 10238

What Test?
"kf6foz" <cobrano-spam@budweiser.com> wrote in message
news:38a86c83.15010313@news.thegrid.net...
> Test
> The KF6FOZ BBS
> Redding, CA.
> 530-229-0896
>
> Visit my Website for other stuff and more info on
> the BBS. Even a good list of Sale and Swap sites
> on there.
> http://www.qsl.net/kf6foz/main.htm

505. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-14 00:00:00 UTC
From: allsafe <Nuh-uhh!!@INVALID.com>
Message-ID: <38A8D096.D5FF828A@INVALID.com>
Source record: 10239
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

"Vince Fiscus, KB7ADL" wrote:

> I'm an ARRL accredited examiner, but not for long. I Canceled my League
> membership in August, and I won't give exams under the new system. I'm
> turning in my Badge.
>

Badges?!?! You don need no stiiiiinkin' Badges.

;)

506. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-14 00:00:00 UTC
From: Bill Warren <wdwarren@rcn.com>
Message-ID: <88a8fp$kf9$1@bob.news.rcn.net>
Source record: 10240
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Goodbye!!!!
"Keith Wood" <kw@bctv.com> wrote in message
news:38A8A008.7062169C@bctv.com...
>
>
> "Vince Fiscus, KB7ADL" wrote:
> >
> > I'm an ARRL accredited examiner, but not for long. I Canceled my League
> > membership in August, and I won't give exams under the new system. I'm
> > turning in my Badge.
> >
> > Anyone else have the guts to join me?
> >
> > 73 de KB7ADL
>
> Brains are a better thing for hams to have than guts.
>
> Thanks for leaving. I wouldn't trust you as a VE.

507. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-14 00:00:00 UTC
From: Stewart Teaze <stewart.teaze@gat.com>
Message-ID: <38A8A8EE.20C2F0CE@gat.com>
Source record: 10241
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

"Vince Fiscus, KB7ADL" wrote:

> I'm an ARRL accredited examiner, but not for long. I Canceled my League
> membership in August, and I won't give exams under the new system. I'm
> turning in my Badge.

Hey, Vince; do you have any radio equipment that you would like to sell me?

> Anyone else have the guts to join me?
>
> 73 de KB7ADL

No, sorry -- I'll be enjoying my new Extra priviliges in 60 days.

Oh, by the way, why are you getting out of ham radio? It is an enjoyable
hobby where we get to meet new people and learn new things.

Stewart Teaze
N0MHS - Tech Plus

508. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-14 00:00:00 UTC
From: Bigdad <BigdadNOSPAM@rworld.com>
Message-ID: <38A8CACF.AF6F8188@rworld.com>
Source record: 10242
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Too bad you cant be forward thinking like some of the others ive seen...the hobby of ham radio is DYING pure and simple...the enticement of the no code license for techs did not pull in people by the droves it was expected to. However now with upper class licenses easier to get and the ability to talk all over the world hopefully that will draw em in. Heck even the military had enough forsight to eliminate CW from its operations. Cw has its place for sure and i fault no one for their opinions on it but its past the time when high code proficiency should be a factor for obtaining a higher class license.

509. Re: 60 Days until I turn in my VE badge. **STUPID**

Newsgroup: rec.radio.amateur.space
Date: 2000-02-14 00:00:00 UTC
From: Ham <H@a.m>
Message-ID: <38A8C422.A6C50198@a.m>
Source record: 10243
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Well, I think it's more: **** "Anybody stupid enough to join me?"****

If you don't like what's happened, why not work within the system to make sure the standards are upheld and what better way than by continuing to serve as a VE?

Besides the multiple-guess exams that have been the norm for so long are a joke anyway. New exams might actually be better exams but anything that's multiple-guess is a joke!

And you can't accuse me of being a newly licensed individual who is anti-CW. Yes, I must admit I went two weekends ago and passed element 4B with one wrong so I can turn it in after April 14 to upgrade to Extra. However I could, just after I upgraded from Novice, copy 25 wpm but needed a typewriter to be able to get a minute or two down on paper with no errors. I never really enjoyed CW that much but did operate 40 and 15 meters as a Novice which is a good way to build one's speed. By the time Extra existed I had been not using CW for so long that my speed stuck around 10 wpm and goes up to 15 wpm when I use CW for a few hours a day for a week. I upgraded to Advanced many years ago before the exam was a "fill in the blanks" exam.

I was licensed nearly 10 years BEFORE YOU WERE EVEN BORN! And some think it's us "old f*%#s who are against recognizing that times change and we have to adapt to them or the world will pass us by. I guess YOU are the one being passed by and you're no older than my daughter!

Get with the times and live in the real world rather than what you wish the world would be!

And yes, I choose NOT to post my identity. LIVE WITH IT - I get tired of flames not posted for the whole world to see and SPAM.

"Vince Fiscus, KB7ADL" wrote:

> I'm an ARRL accredited examiner, but not for long. I Canceled my League
> membership in August, and I won't give exams under the new system. I'm
> turning in my Badge.
>
> Anyone else have the guts to join me?
>
> 73 de KB7ADL

510. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-14 00:00:00 UTC
From: "Martin D. or Tunisia G. WADE" <mdwade@mobiletel.com>
Message-ID: <38A8C15C.57B3@mobiletel.com>
Source record: 10244
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

```
Vince Fiscus, KB7ADL wrote:
>
> I'm an ARRL accredited examiner, but not for long. I Canceled my League
> membership in August, and I won't give exams under the new system. I'm
> turning in my Badge.
>
> Anyone else have the guts to join me?
>
> 73 de KB7ADL
Bye.
Plenty more VEs, no problems.
```

511. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-14 00:00:00 UTC
From: Tate Jackson <tatejackson@mindspring.com>
Message-ID: <88ahq1cua1@nntp5.atl.mindspring.net>
Source record: 10245
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

To Bad. You probably have a lot of technical knowledge to share. If you aren't going to be a VE, at least stay in the hobby and teach those of us who wants to learn.

73's

Tate
N3BXZ

Vince Fiscus, KB7ADL <vlfiscus@mcn.net> wrote in message news:sah7nsmf2pd20@corp.supernews.com...
> I'm an ARRL accredited examiner, but not for long. I Canceled my League
> membership in August, and I won't give exams under the new system. I'm
> turning in my Badge.
>
> Anyone else have the guts to join me?
>
> 73 de KB7ADL

512. Code, what's big deal.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-14 00:00:00 UTC
From: Tate Jackson <tatejackson@mindspring.com>
Message-ID: <88ahq2cua2@nntp5.atl.mindspring.net>
Source record: 10246

I'm just not getting it. What is the big deal about the code? I entered the hobby as a tech plus. The code has done nothing for me since I passed the test.

I would like to know what eliminating the code will do to the hobby. DX will still there, QRP will still there, The SATs will still there. SSB, RTTY, ATV, SSTV, Packet will all still here. What have we lost by loosing the code.

I've built 4 radios and I am working on another one (Ramsey 20 meter Multimode kit). When I'm done with this, I'm going after the North Country ATV kits. I like building radios. Its why I got into the hobby. I didn't use the code for any of this. But what the heck, maybe I should build a cw QRP kit just to see what all the fuss is about.

To all you hams who are complaining about the "easy " code requirements coming in April, why don't you help the rest of us out. Share all that great knowledge you have. Teach a lic. class. Elmer just a few of us who want to learn about radio. Write some books that teach us to be better hams.

If you really think the quality of ham radio is going down the tubes, don't leave, do something about it.

Tate
N3BXZ

****
"In order to make an apple pie
from scratch, you must first
create the universe."

-- Carl Sagan, Cosmos
****
ICQ # 24239884
AOL IM tate trac
fax 707-276-3829

513. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-14 00:00:00 UTC
From: Dave Stadt <dhstadt@ameritech.net>
Message-ID: <B44q4.381$032.955@nntp0.detroit.mi.ameritech.net>
Source record: 10247
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

I seriously doubt he and others like him ever shared anything in his life
except anger for
just about everyone and everything. Doubt there is much technical ability
at all. He spent
too much time being angry to learn anything.

Tate Jackson wrote in message <88ahq1cua1@nntp5.atl.mindspring.net>...
>To Bad. You probably have a lot of technical knowledge to share. If you
>aren't going to be a VE, at least stay in the hobby and teach those of us
>who wants to learn.
>
>73's
>
>Tate
>N3BXZ
>
>Vince Fiscus, KB7ADL <vlfiscus@mcn.net> wrote in message
>news:sah7nsmf2pd20@corp.supernews.com...
>> I'm an ARRL accredited examiner, but not for long. I Canceled my League
>> membership in August, and I won't give exams under the new system. I'm
>> turning in my Badge.
>>
>> Anyone else have the guts to join me?
>>
>> 73 de KB7ADL
>
>

514. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-14 00:00:00 UTC
From: Dave Stadt <dhstadt@ameritech.net>
Message-ID: <514q4.380$032.1006@nntp0.detroit.mi.ameritech.net>
Source record: 10248
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Why wait, turn it in now and do all of us a favor. Turn in your license while you are at it. Then burn yourself at the stake and you will be the complete marter. Just don't expect anyone to feel sorry for you. If you need
matches let me know and I will get some on the way to you.

Vince Fiscus, KB7ADL wrote in message ...
>I'm an ARRL accredited examiner, but not for long. I Canceled my League
>membership in August, and I won't give exams under the new system. I'm
>turning in my Badge.
>
>Anyone else have the guts to join me?
>
>73 de KB7ADL

515. 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-15 00:00:00 UTC
From: vlfiscus@mcn.net
Message-ID: <sah7nsmf2pd20@corp.supernews.com>
Source record: 10149
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

I'm an ARRL accredited examiner, but not for long. I Canceled my League membership in August, and I won't give exams under the new system. I'm turning in my Badge.

Anyone else have the guts to join me?

73 de KB7ADL

516. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-15 00:00:00 UTC
From: Keith Wood <kw@bctv.com>
Message-ID: <38A8A008.7062169C@bctv.com>
Source record: 10150
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

"Vince Fiscus, KB7ADL" wrote:
>
> I'm an ARRL accredited examiner, but not for long. I Canceled my League
> membership in August, and I won't give exams under the new system. I'm
> turning in my Badge.
>
> Anyone else have the guts to join me?
>
> 73 de KB7ADL

Brains are a better thing for hams to have than guts.

Thanks for leaving. I wouldn't trust you as a VE.

517. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-15 00:00:00 UTC
From: Dan K Nelson <w6dkn@qsl.net>
Message-ID: <a82q4.2058$Oy1.31553@dfiatx1-snr1.gtei.net>
Source record: 10151
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Vince Fiscus, KB7ADL <vlfiscus@mcn.net> wrote in message
news:sah7nsmf2pd20@corp.supernews.com...
> I'm an ARRL accredited examiner, but not for long. I Canceled my League
> membership in August, and I won't give exams under the new system. I'm
> turning in my Badge.
>
> Anyone else have the guts to join me?
>
> 73 de KB7ADL

See ya... Have a nice life :>)

518. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-15 00:00:00 UTC
From: Bill Fairbanks <BILLFAIRBANKS@worldnet.att.net>
Message-ID: <01bf77c4$2ef27440$d210460c@default>
Source record: 10152
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

What's your problem? The Novice written exam is being merged with the Tech exam so now it will actually be harder to get a beginner's ticket" then it was under the old system !! As for the code, if somebody wants to 'go fast' they'll learn it on their own because they like doing it. The 5 wpm code requirement is there because of international treaty obligations and the fact that if everything else breaks you can still communicate with somebody world wide with Morse Code. You don't have to be a speed demon to do that.

Thank you for your service as a VE. What you did was and is important and luckily there will be somebody to take your place.

73 Bill

519. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-15 00:00:00 UTC
From: dfswlchris@cs.com
Message-ID: <20000214215442.28785.00003490@ng-fw1.news.cs.com>
Source record: 10153
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Hi
snickers Wanna give up your station too while you're at it? I know some guys that would love to get into the ham thing who can build a hell of a radio antenna or even work on a radio and do it right but stumble on the code and if you gonna throw in the towel because they want a chance to learn cw and ssb ops at a modern pace for todays world then by all means leave the equipment too when you give that last test score to whoever takes it .I say that because of this... with the new requirement you are not willing to let people in because they don't conform to your standards so why be a ham when they show up regardless of your views? :) Or do we prefer to be elitist tonight ?
Just a thought
Chris

520. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-15 00:00:00 UTC
From: dconti2_2000@yahoo.com
Message-ID: <38a8cc39.15016899@news.bellatlantic.net>
Source record: 10154
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Vince...

Don't let the extinct morse code keyer hit you in the rear on the way
out!

I doubt you'll get much sympathy on this in a scanner group.

These new rules are a breath of fresh air. Now, if we could eliminate
code altogether, I would gladly visit the old keyers in a musem ,
where they belong.

Wilson

>I'm an ARRL accredited examiner, but not for long. I Canceled my League
>membership in August, and I won't give exams under the new system. I'm
>turning in my Badge.
>
>Anyone else have the guts to join me?
>
>73 de KB7ADL

521. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-15 00:00:00 UTC
From: Samuel Goldstein <sjgold@optonline.net>
Message-ID: <j44q4.42797$QN6.81617@news.optonline.net>
Source record: 10155
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

I must admit that I got really PO'd at the League when they appeared to get behind incentive and refused membership for about 20 years. I discovered they didn't care and I missed out on a pretty decent magazine.

Now to the real problem...I am sure you actually believe that the Code makes us better hams. If that's true then I support your stand. But, I can't help thinking that you are just too set in your ways and refuse to roll with the punches.

Listen Bucky...the stupid Morse is finished and I say good riddance. By the way I was trained in the military and can still send and receive in excess of 35 WPM, I can often be found sneaking around the CW sub bands working really exotic DX... without the usual pileups and DX net BS that you find in SSB.

Haven't you begun to realize that the new crop of low code Hams will have no interest in our CW sub bands and they will leave us to work all the really cool DX without the usual QRM that you find on SSB. Think this thing through and you will realize that the "real hams" (defined as those who know CW) will have exactly what they want...an exclusive window without interference. Think back when hams had calls like 7ADL and you could hear the whirring noise of the rotary spark gap transmitters...nice, big bandwidth, no interference...when real hams made their own equipment. I wonder what those guys would say about your rice box...not a real ham is he?

Now, when we die off and the CW sub bands go into disuse, the FCC will reallocate the CW to something else. Meanwhile, you and I will be trying to communicate with the living by tapping out Morse on the nearest cloud. Gee, I hope my granddaughter can copy CW.

Sam, K2LDK

Vince Fiscus, KB7ADL <vlfiscus@mcn.net> wrote in message news:sah7nsmf2pd20@corp.supernews.com...
> I'm an ARRL accredited examiner, but not for long. I Canceled my League
> membership in August, and I won't give exams under the new system. I'm
> turning in my Badge.
>
> Anyone else have the guts to join me?
>
> 73 de KB7ADL

522. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-15 00:00:00 UTC
From: Jon <jtec@#cnw.com>
Message-ID: <01bf776a$8d44d380$5b8195cf@alvbynsy>
Source record: 10156
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

You're all a bunch of rude assholes. The guy had a point to make and all
you can do is make childish remarks.

523. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-15 00:00:00 UTC
From: wwilliams2458@my-deja.com
Message-ID: <88bofuevj1@nnrp1.deja.com>
Source record: 10157
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

In article <38a8cc39.15016899@news.bellatlantic.net>,
dconti2@hotmail.com wrote:
> Vince...
>
> Don't let the extinct morse code keyer hit you in the rear on the way
> out!
>
> I doubt you'll get much sympathy on this in a scanner group.
>
> These new rules are a breath of fresh air. Now, if we could eliminate
> code altogether, I would gladly visit the old keyers in a musem ,
> where they belong.
>
> Wilson
>

It doesnt take "guts" to CUT AND RUN Vince!
Maybe your dodging an investigation.
Seems to me that your volunteer service
would be needed more than before.
Bottom line, if you would regroup, retract
your decision, continue your service, and announce
it on this forum, then sir, that would be "guts" and
you would be respected by many of your critics.
What ever your course, thank you for your
contribution.

> >I'm an ARRL accredited examiner, but not for long. I Canceled my
League
> >membership in August, and I won't give exams under the new system.
I'm
> >turning in my Badge.
> >
> >Anyone else have the guts to join me?
> >
> >73 de KB7ADL
>
>

Sent via Deja.com http://www.deja.com/
Before you buy.

524. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-15 00:00:00 UTC
From: John Trevor Harris <wb6sub@earthlink.net>
Message-ID: <38A8EA2B.169594A1@earthlink.net>
Source record: 10158
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave
Body handling: Binary attachment payload not displayed: wb6sub.vcf

Take this for what it's worth Vince (KB7ADL) I am a veteran Submarine Radioman with plenty of code background. The hobby is changing, I think we sometimes have to take 1 step back to take a few forward. And if this is what we have to do to keep the bands we have, from losing them to leo's , or any other entity that has outgrown their pants like the Federal Government. I think it is a little sacrifice we have to make. I under stand some of your feelings. Your services as a VE Will be missed, and your QSO's. We all have our opinions on the subject I am sure, but we radio guys need to stick together. Or the Washington politicians will police us to death. I Respect your views and the views of the "New Blood" and welcome both of you into any QSO. Hope to "Shoot the Bull" with all of you one day. Lets stay united, not divided. We cannot be touched united, but easily shot down in washington by some pencil pusher if we get divided this easily. Please stick around, how will we know what the past was like and keep a little of the old with the new If you leave.
Happy Hamming. And hope to Catch all of my fellow hams on frequency one day!

all safe wrote:

> "Vince Fiscus, KB7ADL" wrote:
>
> > I'm an ARRL accredited examiner, but not for long. I Canceled my League
> > membership in August, and I won't give exams under the new system. I'm
> > turning in my Badge.
> >
>
> Badges?!?! You don need no stiiiiinkin' Badges.
>
> ;)

[One or more binary attachments are retained only in the source text.]

525. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-15 00:00:00 UTC
From: jeffreyh@Hawaii.Edu
Message-ID: <88atov$hh6$1@news.hawaii.edu>
Source record: 10159
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

Follow-ups set to just .policy and .misc:

John Trevor Harris <wb6sub@earthlink.net> wrote:
>Take this for what it's worth Vince (KB7ADL) I am a veteran Submarine
>Radioman with plenty of code background.

Why'd you remain a Tech, John? You could have easily made General with
that code background...

>The hobby is changing, I think we
>sometimes have to take 1 step back to take a few forward. And if this is
>what we have to do to keep the bands we have, from losing them to leo's , or
>any other entity that has outgrown their pants like the Federal Government.

You're chanting the Tech's mantra: "Code needs to be done away with in
order to save our bands," yet the only bands which are in danger have had
code-free access for almost a decade now. M/HF is not in any danger of
being auctioned. You can't name one entity which has made a bid on our
M/HF spectrum.

In '79 we were given three new HF bands, and proposals exist at this
moment to provide us with even more.

73, Jeff KH6O

526. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-15 00:00:00 UTC
From: Daniel nicholson <dnicholson@socket.net>
Message-ID: <saifmina2pd99@corp.supernews.com>
Source record: 10160
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

So long. Kind of a silly thing to do but then we all do silly things.

Vince Fiscus, KB7ADL wrote in message ...
>I'm an ARRL accredited examiner, but not for long. I Canceled my League
>membership in August, and I won't give exams under the new system. I'm
>turning in my Badge.
>
>Anyone else have the guts to join me?
>
>73 de KB7ADL

527. Re: Code, what's big deal.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-15 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8ai8l7.cch.nomail@linux.pe1chl.ampr.org>
Source record: 10161

Tate Jackson <tatejackson@mindspring.com> wrote:
>I'm just not getting it. What is the big deal about the code? I entered

SHUT UP! This group is about amateur space communications, not about code.
We have seen enough articles like this, now.

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

528. 10GHz stuff for sale on eBay

Newsgroup: rec.radio.amateur.space
Date: 2000-02-15 00:00:00 UTC
From: Anon O'Moose <Sean@home.org>
Message-ID: <tg1iassed8tiqtnkubpjughj4ca0km709b@4ax.com>
Source record: 10162

I hope this won't really be looked at as SPAM. I just want to let you microwavers out there know about the box of misc. microwave parts and units I have up for sale on eBay.

I have 2 working 10GHz units and many parts for sale in a sort of parts box.

If you are interested, stop by. I want to move these things out of the shack as there seems to be little interest in uWaves here in Central Ohio.

Thanks,
KB8JNE

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=259987203

529. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-15 00:00:00 UTC
From: David <david@wt.net>
Message-ID: <38A96D89.F05A670B@wt.net>
Source record: 10163
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

I guess since Vince will be turning in his VE accreditation, I will
go and get VE accreditation after April 15th when I get my 'Extra".
There will be some of us that will try to preserve amateur radio.
Don't feel that the 20 wpm is a show stopper. I do feel that the
FCC should have set it to at least 10 wpm for Extra but that is
water under the bridge and now we all need to ge 'along'.

Ham radio is only as good as you make it. Doing what you are doing
is not helping amateur radio.

David

"Vince Fiscus, KB7ADL" wrote:
>
> I'm an ARRL accredited examiner, but not for long. I Canceled my League
> membership in August, and I won't give exams under the new system. I'm
> turning in my Badge.
>
> Anyone else have the guts to join me?
>
> 73 de KB7ADL

530. Re: 10GHz stuff for sale on eBay

Newsgroup: rec.radio.amateur.space
Date: 2000-02-15 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8aijuu.ed5.nomail@linux.pe1chl.ampr.org>
Source record: 10164

Anon O'Moose <Sean@home.org> wrote:
>I hope this won't really be looked at as SPAM.

Of course it will. It is multiposted.

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

531. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-15 00:00:00 UTC
From: Phil Wheeler <w7ox@flash.net>
Message-ID: <38A95BBA.50BBBFB9@flash.net>
Source record: 10165
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

"Vince Fiscus, KB7ADL" wrote:
>
> I'm an ARRL accredited examiner, but not for long. I Canceled my League
> membership in August, and I won't give exams under the new system. I'm
> turning in my Badge.
>
> Anyone else have the guts to join me?
>
> 73 de KB7ADL

Ummm .. who cares what you do? Are you too good to administer 5 wpm
exams?

Phil

532. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-15 00:00:00 UTC
From: Keith Wood <kw@bctv.com>
Message-ID: <38A96198.4201C8C6@bctv.com>
Source record: 10166
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Phil Wheeler wrote:
>
> "Vince Fiscus, KB7ADL" wrote:
> >
> > I'm an ARRL accredited examiner, but not for long. I Canceled my League
> > membership in August, and I won't give exams under the new system. I'm
> > turning in my Badge.
> >
> > Anyone else have the guts to join me?
> >
> > 73 de KB7ADL
>
> Ummm .. who cares what you do? Are you too good to administer 5 wpm
> exams?

Maybe he's afraid that they'll make him TAKE one.

Hmmmm . . .this is a good idea. Maybe we should require proof of
current 20 WPM code skill before we let anyone whine about
restructuring.

How about it, Vince? Care to provide the date of your last successful
20 WPM exam?

533. ATTN: Rob Janssen (was: Code, what's big deal)

Newsgroup: rec.radio.amateur.space
Date: 2000-02-15 00:00:00 UTC
From: Keith Wood <kw@bctv.com>
Message-ID: <38A96278.9FFA2DF3@bctv.com>
Source record: 10167

Rob Janssen wrote:
>
> Tate Jackson <tatejackson@mindspring.com> wrote:
> >I'm just not getting it. What is the big deal about the code? I entered
>
> SHUT UP! This group is about amateur space communications, not about code.
> We have seen enough articles like this, now.

I'll bet you Euro guys ARE getting pretty tired of this. I will try to remember to trim my headers.

But before I do, just what is the general consensus over there about this whole thing? Are the complainers justified, or are they just whining?

I know that you have different requirements for licensing, so it would be nice to get an entirely neutral point of view.

534. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-15 00:00:00 UTC
From: etagg <etagg@twcny.rr.com>
Message-ID: <usdq4.3838$68.134665@typhoon.nyroc.rr.com>
Source record: 10168
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

geeeeeeeee what a JERK
"Vince Fiscus, KB7ADL" <vlfiscus@mcn.net> wrote in message
news:sah7nsmf2pd20@corp.supernews.com...
> I'm an ARRL accredited examiner, but not for long. I Canceled my League
> membership in August, and I won't give exams under the new system. I'm
> turning in my Badge.
>
> Anyone else have the guts to join me?
>
> 73 de KB7ADL

535. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-15 00:00:00 UTC
From: k4yz@aol.com
Message-ID: <20000215094813.26295.00003453@ng-cn1.aol.com>
Source record: 10169
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

>Subject: 60 Days until I turn in my VE badge.
>From: vlfiscus@mcn.net (Vince Fiscus, KB7ADL)
>Date: 02/14/2000 6:34 PM Central Standard Time

>I'm an ARRL accredited examiner, but not for long. I Canceled my League membership in August, and I won't give exams under the new system. I'm turning in my Badge.

>Anyone else have the guts to join me?<

For what reason?

Don't let the virtual door hit you on the bootie on the way out, but the way.

73 de K4YZ

536. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-15 00:00:00 UTC
From: W6RCecilA <Cecil.A.Moore@IEEE.org>
Message-ID: <38A97F18.287965FE@IEEE.org>
Source record: 10170
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Steve Robeson wrote:
> >Anyone else have the guts to join me?<
>
> For what reason?

Seems this thread's vote is about 20-2 so far against
resigning as a VE in protest.
--
73, Cecil, W6RCA http://www.mindspring.com/~w6rca

537. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-15 00:00:00 UTC
From: Radioman@TheBigDial.com
Message-ID: <38a98b11.14350068@news.idt.net>
Source record: 10171
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Hey Vince,

Don't let the door hit you in the ass on the way out.
You'll rethink your position when you see Ham Radio come
alive again. The sales of rigs will be going up, and when sales
increases manufacturing increase and prices will drop.

Dropping the code is the BEST thing to happen to our
hobby.

Oh yeah, I didn't give up my P.E. license when the slide rule
went the way of the dodo after the HP35 came out. I just take pride
in knowing that I entered the field when number crunching wasn't as
easy as pushing buttons ... AND .... I don't think any less of my
younger peers because they had programable calculators.

Your logic is fuzzy.

monty

On Tue, 15 Feb 2000 00:34:31 GMT, vlfiscus@mcn.net (Vince Fiscus,
KB7ADL) wrote:

>I'm an ARRL accredited examiner, but not for long. I Canceled my League
>membership in August, and I won't give exams under the new system. I'm
>turning in my Badge.
>
>Anyone else have the guts to join me?
>
>73 de KB7ADL

538. My web page

Newsgroup: rec.radio.amateur.space
Date: 2000-02-15 00:00:00 UTC
From: fa1cfx <fa1cfx@wanadoo.fr>
Message-ID: <88c8d6$4ch$1@wanadoo.fr>
Source record: 10172

Hello,you can see my web page to this adress:

http://perso.wanadoo.fr/fa1cfx/

thank's for the remarks

73's from FA1CFX / Phil

539. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-15 00:00:00 UTC
From: postmaster@127.0.0.1
Message-ID: <38aaabb9.51660370@news.gate.net>
Source record: 10173
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

On Tue, 15 Feb 2000 00:34:31 GMT, vlfiscus@mcn.net (Vince Fiscus,
KB7ADL) wrote:

>I'm an ARRL accredited examiner, but not for long. I Canceled my League
>membership in August, and I won't give exams under the new system. I'm
>turning in my Badge.

And just how does this concern shortwave listeners in
rec.radio.shortwave?

540. Important message from France CFRR

Newsgroup: rec.radio.amateur.space
Date: 2000-02-15 00:00:00 UTC
From: RA-News <he@wanadoo.fr>
Message-ID: <88cb3n$5lv$3@wanadoo.fr>
Source record: 10174

This is an important message

from : CFFR Confederation of French Radioamateurs and Radiolisteners

to : All radioamateurs

to get the original file of this message, it is nessecary to connect :

http://www.cfrr.org/cfrr_actuels/cominfo0002.pdf

and for an "smell of it" ....: (perhaps you like to have a look to our page ? it's easy at : http://www.cfrr.org for any information of our confederation / or connect http://www.sldx.net for an taste of the life of an small radioamateur club located in the triangle (and the heart of Europe) of LX,F and DL

COMMUNIQUE SPECIAL D'INFORMATION de la C.F.R.R.

du 5 f�vrier 2000 N° 2000-02

Jugement du Conseil d'Etat. Un fait sans pr�c�dent dans les annales du radioamateurisme fran�ais.
S�ance du 5 janvier 2000 - Lecture du 26 janvier 2000 - Notification du 3 f�vrier 2000
Les requ�rants ont re�u le 4 f�vrier 2000 la d�cision du Conseil d'Etat concernant la r�glementation amateur.

Extrait des conclusions du Conseil d'Etat :

« ..qu'ainsi les dispositions des articles 2, 3, 4 et 13 de la d�cision homologu�e par l'arr�t« attaqu« ont »t« prise par une autorit« incomp«tente ; que ces dispositions »tant indivisibles des autres articles de la d«cision 97-453 du 17 d«cembre 1997 de l'autorit« de r«gulation des t«l«communications, les requ«rants sont fond«s « demander l'annulation de l'arr«t« du 14 mai 1998 du secr«taire d'Etat « l'industrie en tant qu'il homologue cette d«cision. »

DECIDE

Article 1er: : L'arr«t« du 14 mai 1998 du secr«taire d'Etat « l'industrie est annul« en tant qu'il homologue la d«cision 97-453 du 17 d«cembre 1997 de l'autorit« de r«gulation des t«l«communications fixant les conditions d'utilisation des installations de radioamateurs et de d«livrance des certificats et des indicatifs

radioamateurs.

L'article 2 : (�num�re les noms et qualit�s des requ�rants.)

Cons�quemment,
"La R�publique mande et ordonne au ministre de l'�conomie des finances et de l'industrie en ce qui le
concerne et � tous huissiers � ce requis en ce qui concerne les voies de droit commun contre les parties
priv�es de pourvoir � l'ex�cution de la pr�sente d�cision."

La CFRR ajoute que pour toute information relative aux cons�quences de droit de la d�cision d'annulation, les
radioamateurs peuvent s'enqu�rir aupr�s de l'administration de tutelle ou de la seule des trois f�d�rations de la
concertation nationale ayant donn� quitus � l'ART.

Ce communiqu� est disponible sur le r�seau packet et Internet (http://www.cfrr.org) et libre de diffusion sous
r�serve qu'elle soit int�grale.

Fin du communiqu� n° 2000 - 02

Le Pr�sident
Bernard SINEUX / F5LPQ

Conf�d�ration Fran�aise des Radioamateurs et Radio�couteurs

Association � but non lucratif, r�gie par la loi 1901

C.F.R.R. - Conf�d�ration Fran�aise des Radioamateurs et Radio�couteurs.
Si�ge social : 26, rue Dagorno
75012 PARIS FRANCE
E-mail : cfrr@cfrr.org - Serveur : http://www.cfrr.org

541. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-15 00:00:00 UTC
From: save@radio.org
Message-ID: <sajdu1h92pd73@corp.supernews.com>
Source record: 10175
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

I'm with you.

Its refreshing to see someone with principle standing up for what they
believe is right. The Arrl leadership has turned into a bunch of
limp-wristed liberals catering to low-life. If the think these new
"Cracker Jack box licensees" are going to care enough about the hobby to
become members, then their really foolish.

SAVE HAM RADIO!

vlfiscus@mcn.net (Vince Fiscus, KB7ADL) wrote in
<sah7nsmf2pd20@corp.supernews.com>:

>I'm an ARRL accredited examiner, but not for long. I Canceled my League
>membership in August, and I won't give exams under the new system. I'm
>turning in my Badge.
>
>Anyone else have the guts to join me?
>
>73 de KB7ADL
>

542. Re: ATTN: Rob Janssen (was: Code, what's big deal)

Newsgroup: rec.radio.amateur.space
Date: 2000-02-15 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8aj70j.1jg.nomail@linux.pe1chl.ampr.org>
Source record: 10176

Keith Wood <kw@bctv.com> wrote:

>Rob Janssen wrote:
>>
>> Tate Jackson <tatejackson@mindspring.com> wrote:
>> >I'm just not getting it. What is the big deal about the code? I entered
>>
>> SHUT UP! This group is about amateur space communications, not about code.
>> We have seen enough articles like this, now.

>I'll bet you Euro guys ARE getting pretty tired of this. I will try to
>remember to trim my headers.

>But before I do, just what is the general consensus over there about
>this whole thing? Are the complainers justified, or are they just
>whining?

>I know that you have different requirements for licensing, so it would
>be nice to get an entirely neutral point of view.

Please read the charters of the newsgroups and limit your endless
discussions to groups where they are on-topic. Try
rec.radio.amateur.policy.

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

543. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-15 00:00:00 UTC
From: "Clint \"Rattlehead\"" <rattlehead@computron.net>
Message-ID: <38AA1236.30F7@computron.net.zzz>
Source record: 10177
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

exactly my thoughts....
if that's how weak you are and that's yours stance on the issue, it will
be a service to ham radio if you left.

goodbye and goodluck.

544. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-15 00:00:00 UTC
From: Dave Stadt <dhstadt@ameritech.net>
Message-ID: <2Jpq4.483$032.1187@nntp0.detroit.mi.ameritech.net>
Source record: 10178
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Actually his leaving will be a positive for amateur radio. Don't need
knuckle draggers
like him around.

David wrote in message <38A96D89.F05A670B@wt.net>...
> I guess since Vince will be turning in his VE accreditation, I will
>go and get VE accreditation after April 15th when I get my 'Extra".
>There will be some of us that will try to preserve amateur radio.
>Don't feel that the 20 wpm is a show stopper. I do feel that the
>FCC should have set it to at least 10 wpm for Extra but that is
>water under the bridge and now we all need to ge 'along'.
>
>Ham radio is only as good as you make it. Doing what you are doing
>is not helping amateur radio.
>
>
>
>
>David
>
>"Vince Fiscus, KB7ADL" wrote:
>>
>> I'm an ARRL accredited examiner, but not for long. I Canceled my League
>> membership in August, and I won't give exams under the new system. I'm
>> turning in my Badge.
>>
>> Anyone else have the guts to join me?
>>
>> 73 de KB7ADL

545. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-15 00:00:00 UTC
From: Darrel <Ask@and.you.shall.recieve.com>
Message-ID: <sak9hn772pd46@corp.supernews.com>
Source record: 10179
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

WOW What a thread!

I have sat here and read every post and am still laughing in my head over some of them. Some of you have come up with some really creative ideas and that is great!!! That is what this NG stuff is all about. I am glad to see it still works. I personally am newly licensed in Amateur Radio, but have been around it for about 15 years. I however am not new to the internet and it is great to see these long threads where although we had some negative ones most of them were positive ideas for Vince.

I have to agree with many of you on the restructuring of the Ham License. Shit happen, times change, deal with it, and move forward in your life sir. You are almost 37 years old and acting like a child. What's next, going to your room and throwing a temper tantrum? I really think you need to reevaluate your priorities in life.

Keep up the great threads.

Darrel
kd7gyw

"Bill" <k7kkg@juno.com> wrote in message
news:38a9e21f.24354085@news.mindspring.com...
> On Tue, 15 Feb 2000 00:34:31 GMT, vlfiscus@mcn.net (Vince Fiscus,
> KB7ADL) wrote:
>
> >I'm an ARRL accredited examiner, but not for long. I Canceled my League
> >membership in August, and I won't give exams under the new system. I'm
> >turning in my Badge.
>
> Then what will you do for extra money when you're not selling ARS
> licenses any more?
>
> ---

> Gun control is the tool of the oppressive tyrant,it
> servers no purpose in public safety, but does allow the
> tyrant to more easily control those whom he would
> make his victims. -Bill (1997)

546. Re: 10 uses for an Extra Class License after April 15th.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-16 00:00:00 UTC
From: "Charles C." <charlescopeland@hotmail.com>
Message-ID: <spoq4.5145$nu4.295698@news.flash.net>
Source record: 10180
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.shortwave

"cdn" <dnorris@k7no.com> wrote in message
news:k72kas4r7vomauh4ht36hsqb65kbtmgdkj@4ax.com...
> horseshoestew@my-deja.com wrote:
>
> -You forgot to put what you will REALLY do with it...
> -
> -Not a damn thing. Anyone that would think that Morse
> -really had so much value in today's world is so out
> -of touch that they would have a hard time doing much
> -of anything, really. (Except complain)
> -
> And the internal combustion engine is crude compared to nuclear power.
> What do you run in YOUR car? If you had to start from scratch with
> Ace Hardware parts, just which would come first?
> Dean Norris, K7NO - email to: dnorris@k7no.com

Well, you couldn't put anything in a modern car from Ace.
Pollution standards are way to stringent. Briggs&Stratton
just wouldn't do. Looks like they are about to release
those hybrid hydrogen engines this year. We'll get more
MPG out of a gallon of gas than ever dreamed of
and pollution free. Times they are a changin'

547. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-16 00:00:00 UTC
From: BD <bumologist@pipeline.com>
Message-ID: <MPG.13140da84342570c9896a4@news.pipeline.com>
Source record: 10181
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

In article <sajdu1h92pd73@corp.supernews.com>, save@radio.org says...
>
> I'm with you.
>
> Its refreshing to see someone with principle standing up for what they
> believe is right. The Arrl leadership has turned into a bunch of
> limp-wristed liberals catering to low-life. If the think these new
> "Cracker Jack box licensees" are going to care enough about the hobby to
> become members, then their really foolish.
>
> SAVE HAM RADIO!
>
>Oh boy,another "liberal" BS guy yammering about this CW nonsense!The
ARRL -FINALLY- woke up and saw that CW isn't what it used to be,about
50 years too late,and that their(ARRL'S)"great experiment"-incentive
licensing,has been a total disaster.Even they admit what was wrong with
it,taking priviliges away (from the Generals)is always a mistake!The
incentive change in 1967(?)directly caused a huge number of ham stores
to go out of business.Look at a CQ or QST from before,and a year or two
after,about half the stores are gone!Yeah,maybe the ARRL wants to sell
radios and books,but there has to be hams to buy them!I wouldn't mind
them making the written test a lot harder than it is and will be,BUT,
make CW just a part of the exam that can be FLUNKED,and you can still
pass the test if you ace the rest of it.
If there are no NEW hams,then there won't be ENOUGH hams later on,
and if there aren't enough,there goes spectrum.......
Barry,Former NOVICE,1973(See,I passed the 5WPM test)
Present NO CODE TECH 1991(Don't care enough about HF to take it again)
>

548. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-16 00:00:00 UTC
From: vlfiscus@mcn.net
Message-ID: <sakk9bbh2pd106@corp.supernews.com>
Source record: 10182
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

If the FCC changes the passing score on written exams to 90% I'll keep my badge and rejoin the ARRL. Otherwise I'll just be an elmer, fighting corruption, rule violations, and restructured newbies using CB Lingo on the bands.

73

save@radio.org (Save Ham Radio) wrote:
>
>I'm with you.
>
> Its refreshing to see someone with principle standing up for what they
>believe is right. The Arrl leadership has turned into a bunch of
>limp-wristed liberals catering to low-life. If the think these new
>"Cracker Jack box licensees" are going to care enough about the hobby to
>become members, then their really foolish.
>
>SAVE HAM RADIO!
>
>vlfiscus@mcn.net (Vince Fiscus, KB7ADL) wrote in
><sah7nsmf2pd20@corp.supernews.com>:
>
>>I'm an ARRL accredited examiner, but not for long. I Canceled my League
>>membership in August, and I won't give exams under the new system. I'm
>>turning in my Badge.
>>
>>Anyone else have the guts to join me?
>>
>>73 de KB7ADL
>>
>

549. Re: ATTN: Rob Janssen (was: Code, what's big deal)

Newsgroup: rec.radio.amateur.space
Date: 2000-02-16 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8akqb4.845.nomail@linux.pe1chl.ampr.org>
Source record: 10183

Keith Wood <kw@bctv.com> wrote:

>Okay, so Euro hams are rude. I wonder why I cared about your opinion.

I wonder if you have any brains. Lighten up man. This discussion is no more relevant here than it would be in rec.pets.cats.rescue. Why don't you post it there?

I'm getting sick and tired of those stupid Americans who cannot stop to think that their licensing scheme and the dying CW mode are such an important topic that they need to be discussed in any group that somewhere has radio.amateur in its name. That is not how Usenet was meant to be used, and the topic is not important enough to warrant an exception.

Sure your licensing scheme is 30 years behind, and fine that it has to be reformed, but please discuss that IN AN APPROPRIATE GROUP. Not in a group where satellite enthousiasts from all over the world try to communicate. We already have enough noise to fight.

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

550. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-16 00:00:00 UTC
From: Wayne Woodhams <wwoodhamsNOwwSPAM@vcnet.com.invalid>
Message-ID: <07ad677c.5faa70cf@usw-ex0107-050.remarq.com>
Source record: 10184
Cross-posted to: rec.radio.shortwave,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

Vince:
We respect you for once having gotten the "Extra", and passing 20 w.p.m., plus the theory. That was the requirement, then.

We respect you for having the vision and enthusiasm to help others see the excitement of amateur radio, by serving as a VE. Bless you heart!

You've probably helped your fellow hams and your local community many time over in recent years, and we respect you for that. Many unsaid thanks.

We even envy you for living in such a beautiful place as Yellowstone County. We're talking God's country, here.

So where in the hell does "having the guts to quit" fit into the above picture?

It never ceases to amaze me how folks in amateur radio can gloat over their "forward-thinking" technology, while being stuck in the cement of the past. It's like facing west, then bending down, sticking your head between your legs, and trying to observe the beauty of a new sunrise. No matter how you look at it, your ass is in the way.

So, you have 2 choices. Stand up, and greet the morning, or say, "Goodnight", and move on. Either way, you gotta take your ass out of the picture. If you're attitude is as you truly state it, then you no longer belong in amateur radio. Being a "ham" is NOT about being a code-aholic, a theory guru, or a techno-buff. It's about being willing to learn, teach, and serve, using the marvelous tools of electronics.

I sincerely hope that you take some time, rethink your early years, consider your achievements, contributions, etc., and perhaps the opportunities and unfinished business that still could be contributed by your efforts, and continue on in the fine tradition of amateur radio, or for heaven's sake, just get out of the way, as quickly and gracefully as you can. This is the year 2000, and we're standing up, looking for a brand new day.

73
RWW, N6WIX

* Sent from RemarQ http://www.remarq.com The Internet's Discussion Network *
The fastest and easiest way to search and participate in Usenet - Free!

551. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-16 00:00:00 UTC
From: Brent Walton <kf6fgb@pacbell.net>
Message-ID: <38AAA612.A340E7B7@pacbell.net>
Source record: 10185
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

I really don't see how in the world that keeps people from using "CB Lingo" or violating the rules. The best defense against those folks is to ignore them once they've been told not to do it.

"Vince Fiscus, KB7ADL" wrote:

> If the FCC changes the passing score on written exams to 90% I'll keep my
> badge and rejoin the ARRL. Otherwise I'll just be an elmer, fighting
> corruption, rule violations, and restructured newbies using CB Lingo on the
> bands.
>
> 73
>
> save@radio.org (Save Ham Radio) wrote:
> >
> >I'm with you.
> >
> > Its refreshing to see someone with principle standing up for what they
> >believe is right. The Arrl leadership has turned into a bunch of
> >limp-wristed liberals catering to low-life. If the think these new
> >"Cracker Jack box licensees" are going to care enough about the hobby to
> >become members, then their really foolish.
> >
> >SAVE HAM RADIO!
> >
> >vlfiscus@mcn.net (Vince Fiscus, KB7ADL) wrote in
> ><sah7nsmf2pd20@corp.supernews.com>:
> >
> >>I'm an ARRL accredited examiner, but not for long. I Canceled my League
> >>membership in August, and I won't give exams under the new system. I'm
> >>turning in my Badge.
> >>
> >>Anyone else have the guts to join me?
> >>
> >>73 de KB7ADL
> >>
> >

552. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-16 00:00:00 UTC
From: Andy Wallace <andywallace@home.com>
Message-ID: <zJBq4.26398$Nv1.2637922@news1.rdc2.tx.home.com>
Source record: 10186
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Darrel--

This is good advice. I am now going to become a VE to take Bill's place (I have been an Extra for a number of years). BTW, anyone who thinks Jim Haynie--the new ARRL Pres--is a "limp-wristed liberal" has never met the man and would be ill-advised to say that to his face.

Andy K5VM

Darrel <Ask@and.you.shall.recieve.com> wrote in message news:sak9hn772pd46@corp.supernews.com...
> WOW What a thread!
> I have to agree with many of you on the restructuring of the Ham License.
> Shit happen, times change, deal with it, and move forward in your life sir.
> You are almost 37 years old and acting like a child. What's next, going to
> your room and throwing a temper tantrum? I really think you need to
> reevaluate your priorities in life.
>
> Keep up the great threads.
>
> Darrel
> kd7gyw
>
>
> "Bill" <k7kkg@juno.com> wrote in message
> news:38a9e21f.24354085@news.mindspring.com...
> > On Tue, 15 Feb 2000 00:34:31 GMT, vlfiscus@mcn.net (Vince Fiscus,
> > KB7ADL) wrote:
> >
> > >I'm an ARRL accredited examiner, but not for long. I Canceled my League
> > >membership in August, and I won't give exams under the new system. I'm
> > >turning in my Badge.

553. Interplanetary x-band downlink

Newsgroup: rec.radio.amateur.space
Date: 2000-02-16 00:00:00 UTC
From: "Edgar J. Kaiser" <edgar.kaiser@t-online.de>
Message-ID: <38AAECA0.E46B9ABE@t-online.de>
Source record: 10187

Hi everybody,

I am desperately searching for informations on microwave downlink frequencies and transmission schedules (S-band and X-band) of interplanetary spacecrafts, e.g. Cassini and NEAR. I would like to try detecting the carrier signals with amateur equipment.

NASA and JPL responsibles do not seem to be willing to provide this information, they simply do not react at all to inquiries.

Any experience in this field out there?

Edgar J. Kaiser
DF 2 MZ
edgar.kaiser@t-online.de

554. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-16 00:00:00 UTC
From: jeffreyh@Hawaii.Edu
Message-ID: <88eql5gdt1@news.hawaii.edu>
Source record: 10188
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

Follow-ups set to just .policy and .misc:

In rec.radio.scanner (why?) Vince Fiscus wrote:
>If the FCC changes the passing score on written exams to 90% I'll keep my
>badge and rejoin the ARRL.

I'll back that in an instant! In addition, I'd like to see us go back
to one-minute of perfect copy on the code test, too.

73, Jeff

555. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-16 00:00:00 UTC
From: W6RCecilA <Cecil.A.Moore@IEEE.org>
Message-ID: <38AAFC6E.DABFA6C2@IEEE.org>
Source record: 10189
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Andy Wallace wrote:
> This is good advice. I am now going to become a VE to take Bill's place (I
> have been an Extra for a number of years). BTW, anyone who thinks Jim
> Haynie--the new ARRL Pres--is a "limp-wristed liberal" has never met the man
> and would be ill-advised to say that to his face.

Not a good thing to say to a Texan. Them's fitin' wurds, pardner!
--
73, Cecil, W6RCA http://www.mindspring.com/~w6rca

556. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-16 00:00:00 UTC
From: Mike Yetsko <joe@user.com>
Message-ID: <UuDq4.10981$Zp1.348596@newsread1.prod.itd.earthlink.net>
Source record: 10190
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Andy Wallace <andywallace@home.com> wrote
>
> This is good advice. I am now going to become a VE to take Bill's
place (I
> have been an Extra for a number of years). BTW, anyone who thinks Jim
> Haynie--the new ARRL Pres--is a "limp-wristed liberal" has never met
the man
> and would be ill-advised to say that to his face.
>
> Andy K5VM

All Right Andy!

I guess some people just won't give up, grow up, and move on. But
at least this shows there are HAMs ready to step to the plate to take
over for the people you'd probably rather have gone in the first place.

And to the 'Bill' that left. Good bye! Hope you get over the emotional
loss. And good riddance. Makes me wonder if you were any good
as a VE in the first place.... Who knows, right? Good or not, you're
not the kind of person I would feel proud about representing my hobby
to potential new entrants.

Mike

557. Re: Interplanetary x-band downlink

Newsgroup: rec.radio.amateur.space
Date: 2000-02-16 00:00:00 UTC
From: WB3KUM/9 <d.breeden@NOSPAMwcom.com>
Message-ID: <38AB083F.525D2C3A@NOSPAMwcom.com>
Source record: 10191

As close as I can give you, uplink is S band, 2.2GHz to 2.3GHz, 20KW out CCS (100KW available), 60-65DB gain depending on which antenna, 26M, 34M, 64M, or 70M. Down link, X band primary, about 8.3 to 8.4GHz, S band secondary, around 2.3 to 2.4 GHz. It is a ratio of 240/221 Down link / Up link with X band being 4x the down link Doppler shift is 1-2 Mhz. Receivers are Helium cooled, 2.4degrees K S band. 8.4degrees K X band. In the 1970's and early 80, the were MASERS feeding Parametric preamps. I believe they replace the Parametric amps.

558. ATTN: Rob Janssen (was: Code, what's big deal)

Newsgroup: rec.radio.amateur.space
Date: 2000-02-16 00:00:00 UTC
From: Hil <g4ynv@nospam.demon.co.uk>
Message-ID: <AyojGGA$txq4Ew67@newearth.demon.co.uk>
Source record: 10192

>But before I do, just what is the general consensus over there about
>this whole thing? Are the complainers justified, or are they just
>whining?

There's a similar debate in the UK over the "liberalising" of licensing conditions regarding morse. My only worry is that it may lead to a similar "liberalising" of what are currently cw-only band segments.

>I know that you have different requirements for licensing, so it would
>be nice to get an entirely neutral point of view.

Hardly neutral as I use cw pretty well exclusively. :)

Having started, I may as well add that it would make more sense if instead of trying to relax the code requirement for hf licenses, our representative groups put their energies into getting a decent european allocation for 40m. Anyone for a "mass trespass" on 7.1-7.3Mhz? :))

--
Hil Snaden

559. Re: SV: 60 Dayblah blah...start nuking these prats !

Newsgroup: rec.radio.amateur.space
Date: 2000-02-16 00:00:00 UTC
From: Joe Leikhim <jleikhim@nettally.com>
Message-ID: <38AB753F.968D6DCA@nettally.com>
Source record: 10193
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

I have to put a new killfile in every week due to this crap (this will be # 9).
Maybe they think it means "space" for crybabies?

eavsdropper wrote:

> What the bloddy hell has this got to do with Amateur space, I think you
> idiots should be NUKED !...off to your servers i go

--
Joe Leikhim K4SAT
Jleikhim@nettally.com

"tv dinner by the pool,
i'm so glad i finished school" -F.Zappa 1967

"The Revolution will NOT be televised" -Gil Scott Heron

Dopeler effect: The tendency of stupid ideas to seem smarter when they come
at you rapidly.

560. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-17 00:00:00 UTC
From: Jim Kelley <jwkelley@uci.edu>
Message-ID: <38AC3ACF.24BC7CB2@uci.edu>
Source record: 10099
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

"David M. Hitchner" wrote:

> Morse code is only a small part of amateur radio.

What is the big part?

73, AC6XG

561. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-17 00:00:00 UTC
From: W6RCecilA <Cecil.A.Moore@IEEE.org>
Message-ID: <38AC5EF6.D3615651@IEEE.org>
Source record: 10100
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Jim Kelley wrote:
>
> "David M. Hitchner" wrote:
> > Morse code is only a small part of amateur radio.
>
> What is the big part?

Obviously, everything else combined. :-)
--
73, Cecil, W6RCA http://www.mindspring.com/~w6rca

562. Re: Interplanetary x-band downlink

Newsgroup: rec.radio.amateur.space
Date: 2000-02-17 00:00:00 UTC
From: "Edgar J. Kaiser" <edgar.kaiser@t-online.de>
Message-ID: <38AC74EB.EB5C5602@t-online.de>
Source record: 10101

Thanks for your response, however, to have only a tiny chance to see a
signal I need frequency information at least at a precision of 100 Hz
and precise timing information.
Edgar

WB3KUM/9 wrote:
>
> As close as I can give you, uplink is S band, 2.2GHz to 2.3GHz, 20KW out
> CCS (100KW available), 60-65DB gain depending on which antenna, 26M,
> 34M, 64M, or 70M. Down link, X band primary, about 8.3 to 8.4GHz, S
> band secondary, around 2.3 to 2.4 GHz. It is a ratio of 240/221 Down
> link / Up link with X band being 4x the down link Doppler shift is 1-2
> Mhz. Receivers are Helium cooled, 2.4degrees K S band. 8.4degrees K X
> band. In the 1970's and early 80, the were MASERS feeding Parametric
> preamps. I believe they replace the Parametric amps.

563. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-17 00:00:00 UTC
From: Jim Kelley <jwkelley@uci.edu>
Message-ID: <38AC89F9.5CC86236@uci.edu>
Source record: 10102
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

"David M. Hitchner" wrote:
>
> To name a few, there is FM, AM, USB, LSB, PSK, PACKET, etc. Plus
> there is also building antennas and other equipment, participating in nets,
> outtings, public service communications, etc.

And so are each of these "big" in comparison to CW?

> Like I said, morse code is only a small part.

Compared to the total list, yes. Even FM is small compared to the total
list. But CW is certainly not small when compared to AM for example.

What is your point in any of this?

73, Jim AC6XG

564. Re: SV: 60 Dayblah blah...start nuking these prats !

Newsgroup: rec.radio.amateur.space
Date: 2000-02-17 00:00:00 UTC
From: eavsdropper <ian@eavsdropper.dabsol.co.uk>
Message-ID: <38AB3BD8.6BA7F9EE@eavsdropper.dabsol.co.uk>
Source record: 10194
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

What the bloddy hell has this got to do with Amateur space, I think you
idiots should be NUKED !...off to your servers i go

eavsdropper

Sebastian Ekholm wrote:
>
> Not much of "amateur" thinking in what you are writing. Maybe you think you
> are professional in an amateur world?
>
> grow up...I am a MCSE...when MS changed the test. Should i quit then too?
> just to see someone else pass the tests and get a title?
>
> Vince Fiscus, KB7ADL <vlfiscus@mcn.net> skrev i
> diskussionsgruppsmeddelandet:sah7nsmf2pd20@corp.supernews.com...
> > I'm an ARRL accredited examiner, but not for long. I Canceled my League
> > membership in August, and I won't give exams under the new system. I'm
> > turning in my Badge.
> >
> > Anyone else have the guts to join me?
> >
> > 73 de KB7ADL

565. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-17 00:00:00 UTC
From: "David M. Hitchner" <BiteMe@Spammers.com>
Message-ID: <8nJq4.4656$Qx5.61934@news.rdc1.tx.home.com>
Source record: 10195
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

"Michael Rathbun" <mdr+rrs@HONet.com> wrote in message
news:0FA6DBAAF3E5F930.5CF1F959865E000C.803E2D656A69DADF@lp.airnews.net...
> In rec.radio.scanner on Tue, 15 Feb 2000 00:34:31 GMT,
> vlfiscus@mcn.net (Vince Fiscus, KB7ADL) wrote:
>
> >Anyone else have the guts to join me?
>
> How are guts involved?
>
> I was first licensed in 1963, have been an Extra since the early
seventies,
> was a military CW op, can play "burn out" with the best of them at 45 wpm
> plus, and I don't have any particular problem with the new structure.
>
> I admit that I think that everybody ought to be required to demonstrate
the
> ability to build a Poulsen Arc transmitter from scrap brass and bailing
> wire before being given a license, but hey, times change and I try to live
> with them.

My thoughts exactly. Morse code is only a small part of amateur radio.
Morse code has reached it's technical limits. There are other worlds to
explore. Also morse code is more of a talent thing. Some people have
it and some don't.

> mdr (de KL7F)

566. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-17 00:00:00 UTC
From: KC8JBO <kc8jbo@my-deja.com>
Message-ID: <88hh5uhud1@nnrp1.deja.com>
Source record: 10196
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

In article <8nJq4.4656$Qx5.61934@news.rdc1.tx.home.com>,
"David M. Hitchner" <BiteMe@Spammers.com> wrote:
>
> "Michael Rathbun" <mdr+rrs@HONet.com> wrote in message
>
news:0FA6DBAAF3E5F930.5CF1F959865E000C.803E2D656A69DADF@lp.airnews.net..
.
> > In rec.radio.scanner on Tue, 15 Feb 2000 00:34:31 GMT,
> > vlfiscus@mcn.net (Vince Fiscus, KB7ADL) wrote:
> >
> > >Anyone else have the guts to join me?
> >
> > How are guts involved?
> >
> > I was first licensed in 1963, have been an Extra since the early
> seventies,
> > was a military CW op, can play "burn out" with the best of them at
45 wpm
> > plus, and I don't have any particular problem with the new
structure.
> >
> > I admit that I think that everybody ought to be required to
demonstrate
> the
> > ability to build a Poulsen Arc transmitter from scrap brass and
bailing
> > wire before being given a license, but hey, times change and I try
to live
> > with them.
>
> My thoughts exactly. Morse code is only a small part of amateur
radio.
> Morse code has reached it's technical limits. There are other
worlds to
> explore. Also morse code is more of a talent thing. Some people
have
> it and some don't.
>
> > mdr (de KL7F)
>
>

Yeah, so go ahead and turn in your badge, I've recently received mine
and will use it to further the service in getting new people interested
in the hobby, etc. and give back to the hobby/service.
--
73 de KC8JBO|Roger
EM99 |ARRL|VE|ARES/RACES
Yaesu FT-920 |Inverted Vee @ 40 ft.

Sent via Deja.com http://www.deja.com/
Before you buy.

567. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-17 00:00:00 UTC
From: Joe <joeamp@mindspring.com>
Message-ID: <88gbur$b3t$1@nntp6.atl.mindspring.net>
Source record: 10197
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Maybe the government could not stop the free speech so they
figured why not flood the bands to stop some of the
badmouthing in the last 7 years.
Why voluntarily give in and be defeated.

A similar type of tactic may have been used in the 60's when
they *supposedly* flooded the streets with drugs to shut down
the Black Panthers.

David M. Hitchner wrote in message
<8nJq4.4656$Qx5.61934@news.rdc1.tx.home.com>...
>
>"Michael Rathbun" <mdr+rrs@HONet.com> wrote in message
>news:0FA6DBAAF3E5F930.5CF1F959865E000C.803E2D656A69DADF@lp.ai
rnews.net...
>> In rec.radio.scanner on Tue, 15 Feb 2000 00:34:31 GMT,
>> vlfiscus@mcn.net (Vince Fiscus, KB7ADL) wrote:
>>
>> >Anyone else have the guts to join me?
>>
>> How are guts involved?
>>
>> I was first licensed in 1963, have been an Extra since the
early
>seventies,
>> was a military CW op, can play "burn out" with the best of
them at 45 wpm
>> plus, and I don't have any particular problem with the new
structure.
>>
>> I admit that I think that everybody ought to be required to
demonstrate
>the
>> ability to build a Poulsen Arc transmitter from scrap brass
and bailing
>> wire before being given a license, but hey, times change
and I try to live
>> with them.
>
>My thoughts exactly. Morse code is only a small part of
amateur radio.
>Morse code has reached it's technical limits. There are
other worlds to
>explore. Also morse code is more of a talent thing. Some

people have
>it and some don't.
>
>> mdr (de KL7F)
>
>

568. My new web page

Newsgroup: rec.radio.amateur.space
Date: 2000-02-17 00:00:00 UTC
From: fa1cfx <fa1cfx@wanadoo.fr>
Message-ID: <88gsi1$h4m$11@wanadoo.fr>
Source record: 10198

Hello,you can see my new web page to this adress:

http://perso.wanadoo.fr/fa1cfx/

But it's only in french

Your's remarks are welcome

73's from FA1CFX / Philippe

569. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-18 00:00:00 UTC
From: dana <dana@randomc.com>
Message-ID: <Pine.GSO.4.10.10002171956320.15366-100000@cluster2>
Source record: 10103
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

there are a few here in Georgia that has already done that also.

On Tue, 15 Feb 2000, Keith Wood wrote:

> Date: Tue, 15 Feb 2000 00:38:32 +0000
> From: Keith Wood <kw@bctv.com>
> Newsgroups: rec.radio.amateur.misc, rec.radio.amateur.policy,
> rec.radio.amateur.space, rec.radio.scanner, rec.radio.shortwave
> Subject: Re: 60 Days until I turn in my VE badge.
>
>
>
> "Vince Fiscus, KB7ADL" wrote:
> >
> > I'm an ARRL accredited examiner, but not for long. I Canceled my League
> > membership in August, and I won't give exams under the new system. I'm
> > turning in my Badge.
> >
> > Anyone else have the guts to join me?
> >
> > 73 de KB7ADL
>
> Brains are a better thing for hams to have than guts.
>
> Thanks for leaving. I wouldn't trust you as a VE.
>
>

570. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-18 00:00:00 UTC
From: "David M. Hitchner" <BiteMe@Spammers.com>
Message-ID: <7u2r4.4891$Qx5.65108@news.rdc1.tx.home.com>
Source record: 10104
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

"Joe" <joeamp@mindspring.com> wrote in message
news:88i8cb$v25$1@nntp2.atl.mindspring.net...
> >>Are you suggesting that reducing the code requirement is the
> governments way of killing off amateur radio?
>
> Of coarse not !
> But flooding it with CBrs with hacked spurious spewing Xcvrs
> and 2KW's is.

In that case, what we need is better enforcement of the bands
and it has been needed for some time now. I'm not sure that
lowering the code requirement will increase the problem.

I believe the FCC is taking steps to clean up bands but only time
will tell if it does any good.

> David M. Hitchner wrote in message
> >Are you suggesting that reducing the code requirement is the
> >governments way of killing off amateur radio? I look at is
> as one
> >of the few things that the government has eased restrictions
> on.

571. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-18 00:00:00 UTC
From: Art Harris <n2ah@my-deja.com>
Message-ID: <88jnpe$2ht$1@nnrp1.deja.com>
Source record: 10105
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

In article <j44q4.42797$QN6.81617@news.optonline.net>,
"Samuel Goldstein" <sjgold@optonline.net> wrote:

> Haven't you begun to realize that the new crop of low code Hams will
have no
> interest in our CW sub bands and they will leave us to work all the
really
> cool DX without the usual QRM that you find on SSB. Think this thing
through
> and you will realize that the "real hams" (defined as those who know
CW)
> will have exactly what they want...an exclusive window without
interference.

This is pure bugle oil. Here's my vision of what will happen. Since new hams will have no motivation to progress beyond 5 WPM, they will not use CW. (QSO's at 5 WPM are torture!) Inevitably, CW activity will decline and the CW sub-bands will be eliminated (as has happened in Canada and elsewhere). The handful of CW ops will be fighting against SSB California kilowatts on 14010 kHz!

Turn in your badges!

--
Art Harris N2AH (Extra Class since 1971)
Long Island, NY

Sent via Deja.com http://www.deja.com/
Before you buy.

572. FA eBay, uWave frequency meter

Newsgroup: rec.radio.amateur.space
Date: 2000-02-18 00:00:00 UTC
From: Steve Lenaghan <southwest_telephone@mail.com>
Message-ID: <38ADDA18.A9B6C1CD@mail.com>
Source record: 10106

257037440: Power Supply, 24V DC 6 Amp
Bidding starts at: $25.00
Auction ends on: Feb-19-00 08:52:43 PST
http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=257037440

257039510: HP 532B uWave Frequency Meter
Current bid: $25.00
Auction ends on: Feb-19-00 08:56:32 PST
http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=257039510

257040792: Concurrent PC DOS, CP/M, Mint !!
Current bid: $20.50
Auction ends on: Feb-19-00 08:59:08 PST
http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=257040792

257785202: Collins Mechanical Filter
Current bid: $25.00
Auction ends on: Feb-20-00 08:28:53 PST
http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=257785202

573. Re: russian sats

Newsgroup: rec.radio.amateur.space
Date: 2000-02-18 00:00:00 UTC
From: John Bosco <mvi@ix.netcom.com>
Message-ID: <38ADF502.5D8846CC@ix.netcom.com>
Source record: 10107

Doug,
RS-13 has been working fine using 2m and 15m up & 10m down. A good dos based tracking program is STS Orbit Plus. Info on the sat and download for the tracking program can be found at the amsat na site (www.amsat.org).

BTW, you need a 2m ssb rig for the uplink. Good luck and have fun.

John
KB2YJH

574. Re: Interplanetary x-band downlink

Newsgroup: rec.radio.amateur.space
Date: 2000-02-18 00:00:00 UTC
From: Tim Thompson <tthomps@nospam.erols.com>
Message-ID: <88l41q$d9o$1@bob.news.rcn.net>
Source record: 10108

I went to the JPL web site and gathered information on the
DSN and TMOD. In less time than it took for you to compose
this snotty response,
I was able to find a tracking schedule and the S-band
transponder frequency for Ulysses.

See

http://ulysses-ops.jpl.esa.int/ulsfct/textfiles/00dsn.txt

for the tracking passes and

http://ulysses-ops.jpl.esa.int/ulsfct/spacecraft/scframe.htm
l

for the transponder frequency to the Hertz.

DSN scheduling is quite complicated, and schedulers,
tracking stations and Mission Operations Centers are usually
too busy flying and tracking their missions to make this
information available to the casually curious. I suspect
that the Ulysses info is available on the web for the
benefit of project scientists or others who need this
information.

Tim

Edgar J. Kaiser wrote in message
<38AD72B8.14D0DAAF@t-online.de>...
>
>
>Precise trajectories are available on
telnet://ssd.jpl.nasa.gov:6775 for
>many spacecrafts. The downlink signal is locked to the
ultrastable
>uplink signal in a well defined way. They are doing
radio-science this
>way. So no problem with Doppler and stability.
>
>Still waiting simply for frequency and timing informations,
not for
>know-it-all answers.
>
>Edgar
>
>
>Rob Janssen wrote:

>>
>> Edgar J. Kaiser <edgar.kaiser@t-online.de> wrote:
>> >Thanks for your response, however, to have only a tiny
chance to see a
>> >signal I need frequency information at least at a
precision of 100 Hz
>> >and precise timing information.
>> > Edgar
>>
>> That will be a problem when you are looking at objects
that travel through
>> space at several kilometers per second...
>> You will need very precise trajectory information in
addition to the the
>> frequency information you are requesting, to calculate
the doppler shift.
>>
>> And even then, you probably can't expect that the
transmitter is anywhere
>> near that stable (100Hz accuracy on 10GHz)...
>>
>> Rob
>> --
>>
+----------------------------------+------------------------
--------------+
>> | Rob Janssen pe1chl@amsat.org | WWW:
http://www.knoware.nl/users/rob |
>> | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS:
PE1CHL@PI8WNO.#UTR.NLD.EU |
>>
+----------------------------------+------------------------
--------------+

575. Re: ATTN: Rob Janssen (was: Code, what's big deal)

Newsgroup: rec.radio.amateur.space
Date: 2000-02-19 00:00:00 UTC
From: eavsdropper <ian@eavsdropper.dabsol.co.uk>
Message-ID: <38AE8218.6F4B4599@eavsdropper.dabsol.co.uk>
Source record: 10109

Thank god i am going off-net on monday for a few months this group is
not worth a light at the moment . Maybe when i return the asshol** will
have gone and it will be back to it's normal helpful informal self !!

eavsdropper

Rob Janssen wrote:
>
> Keith Wood <kw@bctv.com> wrote:
>
> >Okay, so Euro hams are rude. I wonder why I cared about your opinion.
>
> I wonder if you have any brains. Lighten up man. This discussion is no
> more relevant here than it would be in rec.pets.cats.rescue. Why don't
> you post it there?
>
> I'm getting sick and tired of those stupid Americans who cannot stop to
> think that their licensing scheme and the dying CW mode are such an
> important topic that they need to be discussed in any group that somewhere
> has radio.amateur in its name. That is not how Usenet was meant to be
> used, and the topic is not important enough to warrant an exception.
>
> Sure your licensing scheme is 30 years behind, and fine that it has to
> be reformed, but please discuss that IN AN APPROPRIATE GROUP. Not in a
> group where satellite enthousiasts from all over the world try to
> communicate. We already have enough noise to fight.
>
> Rob
> --
> +----------------------------------+--------------------------------------+
> | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
> | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
> +----------------------------------+--------------------------------------+

576. NOAA WXSAT Mode Question

Newsgroup: rec.radio.amateur.space
Date: 2000-02-19 00:00:00 UTC
From: Ed Bacon <ewb@voyager.net>
Message-ID: <38aebfc9$0$19368@news.voyager.net>
Source record: 10110

I'd like to capture some images from the NOAA weather satellites on
137.500MHz. What mode should I use, FMn or AM?

Thanks,
Ed Bacon
KC8KLB

577. Re: NOAA WXSAT Mode Question

Newsgroup: rec.radio.amateur.space
Date: 2000-02-19 00:00:00 UTC
From: Laura Halliday <va3ldh@sympatico.ca>
Message-ID: <38AEC3B2.A7C858DE@sympatico.ca>
Source record: 10111

Ed Bacon wrote:
>
> I'd like to capture some images from the NOAA weather satellites on
> 137.500MHz. What mode should I use, FMn or AM?

The VHF downlink (137.5/137.62 MHz) signal is FM, with a fairly
wide bandwidth. The modulation on it is a 2400 Hz AM subcarrier.

The signals are loud. Why not listen and see for yourself?
--
Laura Halliday VA3LDH "Laisse le vent tout emporter..."
Grid: FN03gs - Foly/Viennet

578. arrow ant dealers in uk

Newsgroup: rec.radio.amateur.space
Date: 2000-02-19 00:00:00 UTC
From: mattg7obr <mattg7obr@netscapeonline.co.uk>
Message-ID: <38AEC5E4.D92A2731@netscapeonline.co.uk>
Source record: 10112

Hi all

does any one know if there is any arrow antenna dealers in the uk

579. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-19 00:00:00 UTC
From: N9NWO <N9NWO@AMSAT.org>
Message-ID: <38AEE015.254805BC@AMSAT.org>
Source record: 10113
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

>
> I'm an ARRL accredited examiner, but not for long. I Canceled my League
> membership in August, and I won't give exams under the new system. I'm
> turning in my Badge.
>
> Anyone else have the guts to join me?
>
> 73 de KB7ADL

It is this type of elitism that is killing Amateur Radio.
In Europe they long ago moved to less classes under the
CEPT program. And a single code exam of only 10 WPM.

Every since the '70s, with the Bash books and CB, certain
hams have been pissed off that the "masses" might be able
to enter their little fiefdom. It is the same attitudes we
see with gun control. The elite do not want blacks or the
rednecks with guns. Self defense should be left only to those
who are "valuable". (Guns would be just ham radio if we
let the elites have their way.)

Sorry, but the masses have already discovered the Internet.
They do not need amateur radio.

N9NWO/DA4NWO

580. FT-736R Hidden Features?

Newsgroup: rec.radio.amateur.space
Date: 2000-02-20 00:00:00 UTC
From: Bob Morehouse <nobobmorespam@mail.pacifier.com>
Message-ID: <38B02B35.A356BD5@mail.pacifier.com>
Source record: 10114
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.space

Just picked up a FT-736R. Does this unit have the ability to cross-band repeat, or do other things not documented in the manual? Also, how difficult is it find the 1.2 ghz module for this and what are they going for?

Bob, KB7ADO

DO NOT HIT REPLY BUTTON
reply to: bobmore@mail.pacifier.com

581. Re: NOAA WXSAT Mode Question

Newsgroup: rec.radio.amateur.space
Date: 2000-02-20 00:00:00 UTC
From: Laura Halliday <va3ldh@sympatico.ca>
Message-ID: <38B02A02.58E8F33E@sympatico.ca>
Source record: 10115

Ed Bacon wrote:

> I have listened and fed a recorded signal in WXSat with no results. Blank
> screen - that's it. The reason I had to ask was that with AM I get tones I
> can hear but with FM I get dead silence. Maybe the error is in my choice of
> FM. I have an Icom R-7000 with FMn and FMw. Next pass I'll try FMw...

I've put a sample of what you should hear on my web page at:

http://www.qsl.net/va3ldh/wxsat.html

I use a modified Radio Shack scanner with a homebrew quadrifilar helix
antenna and dual-gate MOSFET preamp.

People seem to really stress over this - I heard my first APT signals
by accident, and was able to get crummy but recognizable pictures
with a minimum of fiddling.
--
Laura Halliday VA3LDH "Laisse le vent tout emporter..."
Grid: FN03gs - Foly/Viennet

582. Re: FT-736R Hidden Features?

Newsgroup: rec.radio.amateur.space
Date: 2000-02-20 00:00:00 UTC
From: Helmut Wabnig <hwabnig@aon.at>
Message-ID: <e4d0bsg8l4sqa4isdqtnv7ak0mts9l4503@4ax.com>
Source record: 10116
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.space

On Sun, 20 Feb 2000 09:58:13 -0800, Bob Morehouse
<nobobmorespam@mail.pacifier.com> wrote:

>Just picked up a FT-736R. Does this unit have the ability to cross-band
>repeat, or do other things not documented in the manual? Also, how
>difficult is it find the 1.2 ghz module for this and what are they going
>for?
>
>Bob, KB7ADO
>
>
>***DO NOT HIT REPLY BUTTON***
>reply to: bobmore@mail.pacifier.com

I have one too, but don't even know the function of all the
front panel buttons... :-)

They are listed in Germany's CQ-DL about 2000~2500 DM,
a 1.2 Ghz module recently was offered for 800 DM,
about half of the 'new' price.

Circuit manual is available from dealers,
a rudimentary PC control program is also available.

W.

583. AirSCAN- Software for the BC895XLT.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-20 00:00:00 UTC
From: News <slyster7@mn.mediaone.net>
Message-ID: <clXr4.704$yT6.37190@typhoon.mn.mediaone.net>
Source record: 10117
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

Download the demo of AirSCAN, software for the BC895XLT and a few other scanners. AirSCAN is a very convenient package used for finding and labeling active frequencies (similar to a "bandscope"), counting hits in frequency ranges, saving and loading previous searches, managing your scanners banks, counting hits on your existing scanner banks, and using the new "extended banks" A-Z adding 2080 more channels for your scanner!

See Silver Software website.
http://people.mn.mediaone.net/slyster7

584. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-20 00:00:00 UTC
From: N9NWO <N9NWO@AMSAT.org>
Message-ID: <s3Yr4.4139$TM2.45494@dfiatx1-snr1.gtei.net>
Source record: 10118
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Sony has just announced a Family Service Radio that "trunks". Once you
enter a subaudiable tone code, the radio scanns the 14 channels looking
for an open channel before transmitting. Everyone one else with the Sony
radio in your group (and the same code) locks on to that frequency.

Why can't we hams have trunked repeaters? One good site and several
repeaters. Then trunk groups for the various segments of the community.

: I would figure this is one of the last ditch efforts to keep the Ham Bands
: available for "Amateur" operators. No matter what the requirements to get
: into the system, all previously licensed groups will have a beef.
: But, considering the current over-crowded spectrum which we enjoy to
Listen
: to as "Radio" communications, Watch as "television" communications, and
: support as "Public Service" communications, it won't be long before better
: communications equipment, able to work in the noiser "Amateur" bands is
: available for license. Then the strong Financial Lobby called
"Enterprise"
: and "Public Interest" will begin taking a closer look at the current
: "Amateur" bands as underutilized and request the FCC redress and reassign
: the bands under the guise of "Public Interest" This of course will mean a
: loss of precious communications spectrum to the highest bidder, as has
: happened in other areas of the spectrum.
:
: Now I know this will probably incite a small riot, but look at the
: advantages. Sure there will be a few people with more money than they
know
: what to do with that will buy the biggest-baddest Ham set they can afford.
: But this won't be the masses as envisioned (although three or four
: over-zealous operators per band are more than enough) Given all of the
: other anonymous mediums for self expression most of the average citizens
: will choose the route of "least investment"
:
: On the optimistic flipside, the bands will get better utilized, and as
such
: will become less of a target for the above mentioned group. The law of
: supply and demand will afford the astute amateur to gain better access to
: equipment due to lower costs, and thus putting amateur equipment into the
: hands of young lads and lasses who find Radio and RF propagation an
: interesting hobby.
:
: Needless to say I see this move as an ability to breath new life into a
: generation and a hobby which are fast becoming a thing of the past.
:

: Just my .02

585. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-20 00:00:00 UTC
From: jeffreyh@Hawaii.Edu
Message-ID: <88nlbhcpm1@news.hawaii.edu>
Source record: 10119
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Follow-ups set to just .misc and .policy:

In rec.radio.scanner N9NWO <N9NWO@AMSAT.org> wrote:
>Sorry, but the masses have already discovered the Internet.
>They do not need amateur radio.

Those poor, leashed folks. They're helplessly dependent upon
untold billions of dollars of computer equipment belonging to
thousands of corporation, interconnected by millions of miles
of cable, staffed by thousands of workers putting in tens of
thousands of man-hours per day to keep that complex system
running.

Hams, on the other hand, have not such dependence. It's the *only*
communications medium, in which any two operators anywhere in the
world, can communicate directly without using government or commercial
communication services. Those same two operators don't even need to
purchase commercially-built radios -- they can build them themselves.

Jeff

586. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-20 00:00:00 UTC
From: Vicopolous <spamrecycle@chooseyourmail.com>
Message-ID: <38B06896.5A8E@chooseyourmail.com>
Source record: 10120
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Canada and Australia could follow the US in reducing the Morse code examination requirement to 5 WPM for full HF access. Radio Amateurs of Canada announced plans this month to ask Industry Canada to eliminate that country's 12 WPM Morse requirement. The RAC Board of Directors has voted unanimously in favor of the proposal, expected to be filed soon. If enacted, the change would leave 5 WPM as the sole Morse code examination requirement for full HF access in Canada.

Meanwhile, the Wireless Institute of Australia reports it's seriously considering whether to push regulatory authorities to reduce the maximum Morse code license test speed Down Under from 10 to 5 WPM. WIA says it expects to discuss the matter in detail next month with the Australian Communications Authority.

The WIA says a majority of its membership divisions appear to favor the reduction from 10 to 5 WPM in Australia. The general issue of Morse code licensing requirements is expected to be a topic for debate at the IARU Region 3 conference the WIA will host later this year. Discussion of the International Radio Regulations regarding the Morse code requirement is expected to come up at the World Radiocommunication Conference set for 2003 in which Morse Code will most likely be eliminated as a requirement for HF access worldwide.

A single 5 WPM Morse code examination requirement for HF access goes into effect in the US on April 15 as part of sweeping licensing rules changes.

The United Kingdom and Sweden also have adopted 5 WPM as the Morse code examination requirement for access to the full HF amateur spectrum. The South African Telecommunications Regulatory Authority is said to be poised to act on a South African Radio League request for a lower code speed limit there. Other nations have expressed interest in the issue.

587. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-20 00:00:00 UTC
From: Siegfried Rambaum <siram@lightlink.com>
Message-ID: <Pine.GSU.4.10.10002202211170.25066-100000@adore.lightlink.com>
Source record: 10121
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

On Sun, 20 Feb 2000, Vicopolous wrote:

> Canada and Australia could follow the US in reducing the Morse code

> The United Kingdom and Sweden also have adopted 5 WPM as the Morse code
> examination requirement for access to the full HF amateur spectrum. The
> South African Telecommunications Regulatory Authority is said to be

.... and DL has reverted not too long ago from some 20+ years of having a slow code (6 wpm) code exam. It is 12 wpm only now. Three minutes solid copy, plus three minutes solid sending.

Just to complete the picture.....

588. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-20 00:00:00 UTC
From: Manuel Perry <mperry5@ix.netcom.com>
Message-ID: <38B0BA22.A5720FEE@ix.netcom.com>
Source record: 10122
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Do us all a favor and turn it in now.

589. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-21 00:00:00 UTC
From: Ross Archer <archer@topnow.com>
Message-ID: <38B1DE75.7FE07140@topnow.com>
Source record: 10123
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

N9NWO wrote:

> Sony has just announced a Family Service Radio that "trunks". Once you
> enter a subaudiable tone code, the radio scanns the 14 channels looking
> for an open channel before transmitting. Everyone one else with the Sony
> radio in your group (and the same code) locks on to that frequency.
>
> Why can't we hams have trunked repeaters? One good site and several
> repeaters. Then trunk groups for the various segments of the community.

I don't know if any FCC regulations would prevent trunking in the amateur service, but certainly there's no technological reason trunking couldn't be used. But why?

Basically, most of the places where I've listened to 2 meters (probably the busiest
of the ham bands over 30 Mhz), and even more so on 70 centimeters and 220 Mhz, most repeaters are quiet 95%+ of the time. Some repeaters just sit there and ID

from time to time, but carry no conversations, as far as I can tell. A few high-level
repeaters get used a lot more, but it's almost impossible to find someone to chat
with at 9pm on a weekday even on these repeaters.

Trunked simplex operation -- now that might find a niche if trunks could be divided
by interest group or intention (e.g. DX vs. ragchew.) It would be useful not so much
to alleviate congestion as to simplify choosing frequencies for mobile operators.

-- Ross

>
>
> : I would figure this is one of the last ditch efforts to keep the Ham Bands
> : available for "Amateur" operators. No matter what the requirements to get
> : into the system, all previously licensed groups will have a beef.
> : But, considering the current over-crowded spectrum which we enjoy to
> Listen
> : to as "Radio" communications, Watch as "television" communications, and
> : support as "Public Service" communications, it won't be long before better
> : communications equipment, able to work in the noiser "Amateur" bands is
> : available for license. Then the strong Financial Lobby called

> "Enterprise"
> : and "Public Interest" will begin taking a closer look at the current
> : "Amateur" bands as underutilized and request the FCC redress and reassign
> : the bands under the guise of "Public Interest" This of course will mean a
> : loss of precious communications spectrum to the highest bidder, as has
> : happened in other areas of the spectrum.
> :
> : Now I know this will probably incite a small riot, but look at the
> : advantages. Sure there will be a few people with more money than they
> know
> : what to do with that will buy the biggest-baddest Ham set they can afford.
> : But this won't be the masses as envisioned (although three or four
> : over-zealous operators per band are more than enough) Given all of the
> : other anonymous mediums for self expression most of the average citizens
> : will choose the route of "least investment"
> :
> : On the optimistic flipside, the bands will get better utilized, and as
> such
> : will become less of a target for the above mentioned group. The law of
> : supply and demand will afford the astute amateur to gain better access to
> : equipment due to lower costs, and thus putting amateur equipment into the
> : hands of young lads and lasses who find Radio and RF propagation an
> : interesting hobby.
> :
> : Needless to say I see this move as an ability to breath new life into a
> : generation and a hobby which are fast becoming a thing of the past.
> :
> : Just my .02

590. InstanTrack Y2K version?

Newsgroup: rec.radio.amateur.space
Date: 2000-02-21 00:00:00 UTC
From: anon@home.com
Message-ID: <38b16651.265797901@news>
Source record: 10124

Has a new version of IT that will handle the KEPS since Y2K been
released? Fixing the KEPS every time they're updated is a chore.
Ken K5MBV

591. F6KEH RESOURCES RELAY

Newsgroup: rec.radio.amateur.space
Date: 2000-02-21 00:00:00 UTC
From: f5lcy <f5lcy@wanadoo.fr>
Message-ID: <88s1fgbki2@wanadoo.fr>
Source record: 10125

WELCOME TOU OUR NEW HAM RADIO WEBSITE

http://members.xoom.com/_XMCM/softelecom/index_r.htm

592. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-21 00:00:00 UTC
From: Mike Blankenship <mikeb@rectec.net>
Message-ID: <38B22E79.EE55E342@rectec.net>
Source record: 10126
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

> Oh, by the way, why are you getting out of ham radio? It is an enjoyable
> hobby where we get to meet new people and learn new things.

Same thing that I was going to ask...

593. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-22 00:00:00 UTC
From: Dave Stadt <dhstadt@ameritech.net>
Message-ID: <sCvs4.1466$Lg7.1571@nntp0.detroit.mi.ameritech.net>
Source record: 10127
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Mike Blankenship wrote in message <38B22E79.EE55E342@rectec.net>...
>> Oh, by the way, why are you getting out of ham radio? It is an enjoyable
>> hobby where we get to meet new people and learn new things.
>
>Same thing that I was going to ask...

I would guess the new people and new things are what bothers him. Some
folks cannot accept change.

594. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-22 00:00:00 UTC
From: usedcar@my-deja.com
Message-ID: <88v52pnge1@nnrp1.deja.com>
Source record: 10128
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

In article <sah7nsmf2pd20@corp.supernews.com>,
vlfiscus@mcn.net (Vince Fiscus, KB7ADL) wrote:
> I'm an ARRL accredited examiner, but not for long. I Canceled my
League
> membership in August, and I won't give exams under the new system.
I'm
> turning in my Badge.
>
> Anyone else have the guts to join me?
>
> 73 de KB7ADL
>
Good, we won"t miss you. BYE.

Sent via Deja.com http://www.deja.com/
Before you buy.

595. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-22 00:00:00 UTC
From: Eric Atwater <spamrecycle@chooseyourmail.com>
Message-ID: <38B333D8.4937@chooseyourmail.com>
Source record: 10129
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

> > Oh, by the way, why are you getting out of ham radio? It is an enjoyable
> > hobby where we get to meet new people and learn new things.

You mean meet new people that hate you because you like microphones and
not Morse Code? You mean learn OLD things like Morse Code?

Forget about the current group of Hams that are close-minded and afraid
of change and new technology. We get a group of our OLD friends to get
licensed and have FRIENDLY conversations with each other rather than
whine and moan about the improved license requirements.

596. ** BC895XLT software! Download demo now!

Newsgroup: rec.radio.amateur.space
Date: 2000-02-23 00:00:00 UTC
From: News <slyster7@mn.mediaone.net>
Message-ID: <KIMs4.971$yT6.46821@typhoon.mn.mediaone.net>
Source record: 10130
Cross-posted to: rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

Download the demo of AirSCAN, software for the BC895XLT and a few other scanners. AirSCAN is a very convenient package used for finding and labeling active frequencies (similar to a "bandscope"), counting hits in frequency ranges, saving and loading previous searches, managing your scanners banks, counting hits on your existing scanner banks, and using the new "extended banks" A-Z adding 2080 more channels for your scanner!

See Silver Software website.
http://people.mn.mediaone.net/slyster7

597. Visit my page

Newsgroup: rec.radio.amateur.space
Date: 2000-02-23 00:00:00 UTC
From: fa1cil <fa1cil@wanadoo.fr>
Message-ID: <891002$h3s$9@wanadoo.fr>
Source record: 10131

Hello,

You can visit my web page at
http://perso.wanadoo.fr/fa1cil/UK.htm

Each criticism, suggestion, idea are the welcomes.
--
73 de Pascal

598. Activation

Newsgroup: rec.radio.amateur.space
Date: 2000-02-23 00:00:00 UTC
From: cc <carlos.cortes@usa.net>
Message-ID: <8913i2$7rs$36@duke.telepac.pt>
Source record: 10132

Activation
A.R.V.M. Aldeia da Luz
Date: 18 / 19 March
SPECIAL CALL: CQ7LUZ
Locater: IM58HI
Freq�s: 14.195Mhz * 21.295Mhz * 28.695Mhz * 145.350Mhz * 434.350Mhz
http://www.qsl.net/arvm/aldeiadaluz/
73�s

599. Anyone have FT-736 1.2 gig module for sale?

Newsgroup: rec.radio.amateur.space
Date: 2000-02-23 00:00:00 UTC
From: Bob Morehouse <nobobmorespam@mail.pacifier.com>
Message-ID: <38B4A650.46296940@mail.pacifier.com>
Source record: 10133

Okay, I guess I might as well get started looking for one of these. Not sure how hard they are to find, but I'd like to track one down before the new bird goes up. Looking for the 1.2 Ghz module for the Yaesu FT-736R. I do have a 6 meter module I would give in partial trade, if someone is interested in that. I may end up selling the 6 meter module outright to make room for the 1.2 module, when/if I find one, since I don't have any plans to use 6 meters very much.

Bob, KB7ADO

DO NOT USE THE REPLY BUTTON

reply to: bobmore@pacifier.com

600. Good Sat Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-02-24 00:00:00 UTC
From: Henry <hsilvia@bellsouth.net>
Message-ID: <EHkt4.33644$po2.349412@news1.mia>
Source record: 10049

I just cant come up with the dollars for an IC-821 are there any other good satelite rigs out there that I can get started with?
Thanks,
Henry

601. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-24 00:00:00 UTC
From: Wendy Hardcore <spamrecycle@chooseyourmail.com>
Message-ID: <38B5E0F7.70A7@chooseyourmail.com>
Source record: 10050
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

> BTW, I got my license nearly 20 years ago. How about you?

What the hell does that have to do with anything?! Are there now going
to be people not only thinking that knowing Morse Code makes them
superior hams, but when they got their license?

I got mine 22 years and 7 months ago. Does that make me superior to you?

602. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-24 00:00:00 UTC
From: Kim W5TIT <kw5tit@hotmail.com>
Message-ID: <92E43F226E978ADC.E74D9A09830641F4.1433B3CC10E0794B@lp.airnews.net>
Source record: 10051
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Wendy Hardcore wrote:
>
> > BTW, I got my license nearly 20 years ago. How about you?
>
> What the hell does that have to do with anything?! Are there now going
> to be people not only thinking that knowing Morse Code makes them
> superior hams, but when they got their license?
>
> I got mine 22 years and 7 months ago. Does that make me superior to you?

Wow, you're a little late :) Most of us are already bored with this
topic...

Kim W5TIT

603. a new site

Newsgroup: rec.radio.amateur.space
Date: 2000-02-24 00:00:00 UTC
From: fa1cfx <fa1cfx@wanadoo.fr>
Message-ID: <892rmqkdb1@wanadoo.fr>
Source record: 10134

Hello,you can see my web page to this adress:

http://perso.wanadoo.fr/fa1cfx/

thank's for the remarks

73's from FA1CFX / Phil

604. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-24 00:00:00 UTC
From: William Lee <n5wrx@parrett.net>
Message-ID: <38b502c7.0@news>
Source record: 10135
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Hi Vince, Well I guess that is one way to address the issue.
Its is your decision to make.
However, I wish you would reconsider.

You have invested a lot of time and efffort getting where you are.
You are in a very good position to guide new hams in the right direction.
Our government has made a desision and like it or not we hams must live with
it.
If we sack it in with out any effort then our hobby is truly doomed.
We need poeple like you "fighting in the trenches" on the inside to keep
what we have.
Think of it as a new challange.
Ham Radio has and will continue to change with or without our help.
I would rather stay and help do what I can to promote what I consider to be
the good things about our hobby.

Like I said it is your decision but I really wish you would reconsider.
One man CAN make a BIG difference!
You probally have already and just do not know it.

William Lee N5WRX

Vince Fiscus, KB7ADL <vlfiscus@mcn.net> wrote in message
news:sah7nsmf2pd20@corp.supernews.com...
> I'm an ARRL accredited examiner, but not for long. I Canceled my League
> membership in August, and I won't give exams under the new system. I'm
> turning in my Badge.
>
> Anyone else have the guts to join me?
>
> 73 de KB7ADL

605. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-24 00:00:00 UTC
From: William Lee <n5wrx@parrett.net>
Message-ID: <38b503a5.0@news>
Source record: 10136
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Keith, That is a very harsh thing to say to someone you do not even know.
Vince has put a lot of work into becoming a VE and I am sure he did not do
it for the money.
How hard it must be for him to come to the decision to quit doing what he
likes so much.
How easy it is to flame someone here on the internet.
Have you ever tried to walk a mile in someone eles's shoes?

William Lee N5WRX

Keith Wood <kw@bctv.com> wrote in message news:38A8A008.7062169C@bctv.com...
>
>
> "Vince Fiscus, KB7ADL" wrote:
> >
> > I'm an ARRL accredited examiner, but not for long. I Canceled my League
> > membership in August, and I won't give exams under the new system. I'm
> > turning in my Badge.
> >
> > Anyone else have the guts to join me?
> >
> > 73 de KB7ADL
>
> Brains are a better thing for hams to have than guts.
>
> Thanks for leaving. I wouldn't trust you as a VE.

606. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-24 00:00:00 UTC
From: William Lee <n5wrx@parrett.net>
Message-ID: <38b50504.0@news>
Source record: 10137
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

After reading all these negitive posts, Vince, I understand a little better
about why you want to get away from the "NEW HAMS". If this is any
indication of what is to come, I wont be far behind you!

No Maners
No respect
No regard for anyones feelings
No morals
All take and no give
It's all for me and screw you attitude!

That is what I see from most of the posts here.
What a shame.

William Lee N5WRX

Vince Fiscus, KB7ADL <vlfiscus@mcn.net> wrote in message
news:sah7nsmf2pd20@corp.supernews.com...
> I'm an ARRL accredited examiner, but not for long. I Canceled my League
> membership in August, and I won't give exams under the new system. I'm
> turning in my Badge.
>
> Anyone else have the guts to join me?
>
> 73 de KB7ADL

607. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-24 00:00:00 UTC
From: William Lee <n5wrx@parrett.net>
Message-ID: <38b505a0.0@news>
Source record: 10138
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Eric, I think what he means is the attitude that most of you are expressing here on the newsgroup!
That is ... screw everyone else as long as I get what I want.

He never said a thing about code.
You seem to have a fixation about that subject.

William Lee N5WRX

Eric Atwater <spamrecycle@chooseyourmail.com> wrote in message news:38B333D8.4937@chooseyourmail.com...
> > > Oh, by the way, why are you getting out of ham radio? It is an enjoyable
> > > hobby where we get to meet new people and learn new things.
>
> You mean meet new people that hate you because you like microphones and
> not Morse Code? You mean learn OLD things like Morse Code?
>
> Forget about the current group of Hams that are close-minded and afraid
> of change and new technology. We get a group of our OLD friends to get
> licensed and have FRIENDLY conversations with each other rather than
> whine and moan about the improved license requirements.

608. WTD: Drake 2880??

Newsgroup: rec.radio.amateur.space
Date: 2000-02-24 00:00:00 UTC
From: NS1Z/John <ns1z@arrl.net>
Message-ID: <cr9t4.293$Zn3.53328@pm02news>
Source record: 10139

Does anyone have one of the Drake downconverters (not sure of model number..) that were being converted? I would be interested in purchasing one, as well as hearing your experiences on the conversion of same.

609. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-24 00:00:00 UTC
From: Dave Stadt <dhstadt@ameritech.net>
Message-ID: <TS9t4.293$5a3.283@nntp0.detroit.mi.ameritech.net>
Source record: 10140
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

What's being said is that anyone that can't go with the flow and cannot
accept change needs to get out of the way. You assume the comments came
from "NEW HAMS."
That assumption is wrong.

William Lee wrote in message <38b50504.0@news>...
>After reading all these negitive posts, Vince, I understand a little better
>about why you want to get away from the "NEW HAMS". If this is any
>indication of what is to come, I wont be far behind you!
>
>No Maners
>No respect
>No regard for anyones feelings
>No morals
>All take and no give
>It's all for me and screw you attitude!
>
>That is what I see from most of the posts here.
>What a shame.
>
>William Lee N5WRX
>
>Vince Fiscus, KB7ADL <vlfiscus@mcn.net> wrote in message
>news:sah7nsmf2pd20@corp.supernews.com...
>> I'm an ARRL accredited examiner, but not for long. I Canceled my League
>> membership in August, and I won't give exams under the new system. I'm
>> turning in my Badge.
>>
>> Anyone else have the guts to join me?
>>
>> 73 de KB7ADL
>
>

610. Re: NOAA WXSAT Mode Question

Newsgroup: rec.radio.amateur.space
Date: 2000-02-24 00:00:00 UTC
From: njvets <njvets@skyweb.net>
Message-ID: <M4ct4.65806$ox5.17788915@tw11.nn.bcandid.com>
Source record: 10141

Go to this site for weather satellite info!

http://members.aol.com/jkktl/ham.htm

Ed Bacon <ewb@voyager.net> wrote in message
news:38aebfc9$0$19368@news.voyager.net...
> I'd like to capture some images from the NOAA weather satellites on
> 137.500MHz. What mode should I use, FMn or AM?
>
> Thanks,
> Ed Bacon
> KC8KLB
>
>

611. M2 Eggbeaters

Newsgroup: rec.radio.amateur.space
Date: 2000-02-24 00:00:00 UTC
From: Pat Cox <peacox@gloryroad.net>
Message-ID: <38B55C3E.81B7388@gloryroad.net>
Source record: 10142

Anyone had any experience with the 145/435 eggbeater antennas by M2.
Particularly interested in FO-20/FO-29 results using these antennas.
Thanks. Pat K4AVO

612. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-24 00:00:00 UTC
From: horseshoestew@my-deja.com
Message-ID: <893s7u$2kv$1@nnrp1.deja.com>
Source record: 10143
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

In article <38b50504.0@news>,
"William Lee" <n5wrx@parrett.net> wrote:

> After reading all these negitive posts, Vince, I understand a little
better
> about why you want to get away from the "NEW HAMS". If this is any
> indication of what is to come, I wont be far behind you!

Another one bites the dust!

> No Maners
> No respect
> No regard for anyones feelings
> No morals
> All take and no give
> It's all for me and screw you attitude!

That is EXACTLY how I used to feel about the extreme pro-coders!
We have learned to deal with them in the only language they understand
-- disrespect.

By the way, I'm actually for a 5/10/15wpm requirement, and have been
since the early '90s - but you pig-heads put up such a stink, that the
FCC is now punishing your kind.

> That is what I see from most of the posts here.
> What a shame.
>
> William Lee N5WRX

When you guys all get the heck out of Dodge, things will improve rapidly

S. Teaze
N0MHS

Sent via Deja.com http://www.deja.com/
Before you buy.

613. FT980 and FTV107 FS

Newsgroup: rec.radio.amateur.space
Date: 2000-02-24 00:00:00 UTC
From: David Abell <dabell@aloha.net>
Message-ID: <ufft4.385$5i7.58762@news.aloha.net>
Source record: 10144

Hi all,

Have FT980 in great shape for sale. Comes with hand mike, service manual and owners manual, cw filter. Computer controllable. Was Yaesu's top rig years back. Non smoker, second owner.

Also, FTV107 vhf/uhf transverter. 2mtrs and 440 all mode. Modified to work with the 980 and works great. Will work beautifully with Phase 3D when they launch it soon.

Want $700 plus shipping. Will consider partial trade for vintage gear.

Dave, WH6OL
dabell@aloha.net

614. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-24 00:00:00 UTC
From: Mike Yetsko <joe@user.com>
Message-ID: <6yft4.1211$7c2.15049@newsread2.prod.itd.earthlink.net>
Source record: 10145
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Will,

Sorry to see you go, as maybe you had some positive things to
do for HAM radio in the past, but the bottom line is if you're going
to be negative about the changes, and towards the new people,
well, so long, HAM radio doesn't want or need you.

Regardless of your personal feelings, you should be presenting a
positive attitude and be a role model for anyone new to the hobby.
Bitch if you want to, but work for change, don't whine that it's not
how "I" remember it and threaten to pick up your toys and go home.
Just remember, the newbies might just have their own toys.

I'm sorry, (I really am, but not for you, for the hobby that has
'hidden' people with cancerous attitudes for too long) but things
have changed. It's just too bad if you and Vince don't like them.

And I have been a licensed HAM for about 19 years, I'm not
one of the 'newbies' you seem to have a pathlogical fear of.

Mike
N1DVJ

William Lee <n5wrx@parrett.net> wrote in message news:38b50504.0@news...
> After reading all these negitive posts, Vince, I understand a little
better
> about why you want to get away from the "NEW HAMS". If this is any
> indication of what is to come, I wont be far behind you!
>
> No Maners
> No respect
> No regard for anyones feelings
> No morals
> All take and no give
> It's all for me and screw you attitude!
>
> That is what I see from most of the posts here.
> What a shame.
>
> William Lee N5WRX
>
> Vince Fiscus, KB7ADL <vlfiscus@mcn.net> wrote in message
> news:sah7nsmf2pd20@corp.supernews.com...
> > I'm an ARRL accredited examiner, but not for long. I Canceled my
League

> > membership in August, and I won't give exams under the new system.
I'm
> > turning in my Badge.
> >
> > Anyone else have the guts to join me?
> >
> > 73 de KB7ADL

615. Re: Anyone have FT-736 1.2 gig module for sale?

Newsgroup: rec.radio.amateur.space
Date: 2000-02-24 00:00:00 UTC
From: Helmut Wabnig <hwabnig@aon.at>
Message-ID: <7h1bbs0nodsgn9ehnlc4g92502es2v1o07@4ax.com>
Source record: 10146

On Wed, 23 Feb 2000 19:32:32 -0800, Bob Morehouse
<nobobmorespam@mail.pacifier.com> wrote:

>Okay, I guess I might as well get started looking for one of these. Not
>sure how hard they are to find, but I'd like to track one down before
t......

There are newsgroups for trading ham equipment....
Maybe you will have more success there.
W.

616. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-24 00:00:00 UTC
From: Mike Yetsko <joe@user.com>
Message-ID: <dHft4.1079$pP5.13235@newsread1.prod.itd.earthlink.net>
Source record: 10147
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

First I have to ask... "Horse shoe stew"???

But I agree... In that I think the conflict of the pro-code vs the
no-code
is what brought down the house of cards. It was built up for so
long as the holy grail, the savior of HAM radio, keeping the
non-believers at bay, that when it finally was recognized that
something had to be done, there were so many people sick of
the arguements, sick of the atttitudes, and sick of the fraudulent
claims, that they just wanted the whole thing to go away.

I really do think that if we had 'moderated' the influence of CW
over the years in how it restricted HAM radio rank advancement
we'd still have it, at least to some extent, in a multi-tiered form.
But the bastions of no-change brought about their own death with
a backlash against their arguements and attitudes.

Hey, I like CW, but I felt the arguement would be the death of HAM
radio. Turned out it was close, but not quite. It was a suicide, but
only of the CW-or-die crowd.

Mike

<horseshoestew@my-deja.com> wrote in message
news:893s7u$2kv$1@nnrp1.deja.com...
> In article <38b50504.0@news>,
> "William Lee" <n5wrx@parrett.net> wrote:
>
> > After reading all these negitive posts, Vince, I understand a little
> better
> > about why you want to get away from the "NEW HAMS". If this is any
> > indication of what is to come, I wont be far behind you!
>
> Another one bites the dust!
>
> > No Maners
> > No respect
> > No regard for anyones feelings
> > No morals
> > All take and no give
> > It's all for me and screw you attitude!
>
> That is EXACTLY how I used to feel about the extreme pro-coders!
> We have learned to deal with them in the only language they understand
> -- disrespect.

>
> By the way, I'm actually for a 5/10/15wpm requirement, and have been
> since the early '90s - but you pig-heads put up such a stink, that the
> FCC is now punishing your kind.
>
> > That is what I see from most of the posts here.
> > What a shame.
> >
> > William Lee N5WRX
>
> When you guys all get the heck out of Dodge, things will improve
rapidly
>
> S. Teaze
> N0MHS

617. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-24 00:00:00 UTC
From: AndroidCat XENU <androidcat99@hotmail.com>
Message-ID: <eagt4.18473$bz2.3173409@tw12.nn.bcandid.com>
Source record: 10148
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

William Lee <n5wrx@parrett.net> wrote in message news:38b50504.0@news...
> After reading all these negitive posts, Vince, I understand a little
better
> about why you want to get away from the "NEW HAMS". If this is any
> indication of what is to come, I wont be far behind you!
>
> No Maners
> No respect
> No regard for anyones feelings
> No morals
> All take and no give
> It's all for me and screw you attitude!
>
> That is what I see from most of the posts here.
> What a shame.
>
> William Lee N5WRX

Speaking of manners and respect, why *is* this thread being posted to
radio.amateur.space, rec.radio.scanner, and rec.radio.shortwave??

Ron of that ilk.

618. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-25 00:00:00 UTC
From: Keith Wood <kw@bctv.com>
Message-ID: <38B5D93E.A60FE173@bctv.com>
Source record: 10052
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

William Lee wrote:
>
> Keith, That is a very harsh thing to say to someone you do not even know.

If you say so. He was having a tantrum.

> Vince has put a lot of work into becoming a VE and I am sure he did not do
> it for the money.

How do you know?

> How hard it must be for him to come to the decision to quit doing what he
> likes so much.

Especially over something so stupid and inconsequential.

> How easy it is to flame someone here on the internet.
> Have you ever tried to walk a mile in someone eles's shoes?

Many times. That's why I have a low tolerance for bigotry, tantrums,
and whining.

Keith

>
> William Lee N5WRX
>
> Keith Wood <kw@bctv.com> wrote in message news:38A8A008.7062169C@bctv.com...
> > >
> > >
> > > "Vince Fiscus, KB7ADL" wrote:
> > > >
> > > > I'm an ARRL accredited examiner, but not for long. I Canceled my League
> > > > membership in August, and I won't give exams under the new system. I'm
> > > > turning in my Badge.
> > > >
> > > > Anyone else have the guts to join me?
> > > >
> > > > 73 de KB7ADL
> > >
> > > Brains are a better thing for hams to have than guts.
> > >
> > > Thanks for leaving. I wouldn't trust you as a VE.

619. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-25 00:00:00 UTC
From: Keith Wood <kw@bctv.com>
Message-ID: <38B5DA0F.C180361E@bctv.com>
Source record: 10053
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

William Lee wrote:
>
> After reading all these negitive posts, Vince, I understand a little better
> about why you want to get away from the "NEW HAMS". If this is any
> indication of what is to come, I wont be far behind you!

Cool! I look forward to seeing you selling off your gear at the next
hamfest.

BTW, I got my license nearly 20 years ago. How about you?

> No Maners

"Manners."

> No respect

Why respect whiners?

> No regard for anyones feelings

And just how much respect do the whiners have for anyone else?

> No morals

And your basis for judging this is . . ?

> All take and no give

Talking about the whiners?

> It's all for me and screw you attitude!

You ARE talking about the whiners!

> That is what I see from most of the posts here.
> What a shame.

Yes, well, from what they say, the whiners are leaving en masse in
another few weeks, so things will get better.

620. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-25 00:00:00 UTC
From: Keith Wood <kw@bctv.com>
Message-ID: <38B5DA59.526F4BD6@bctv.com>
Source record: 10054
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

William Lee wrote:
>
> Eric, I think what he means is the attitude that most of you are expressing
> here on the newsgroup!
> That is ... screw everyone else as long as I get what I want.
>
> He never said a thing about code.
> You seem to have a fixation about that subject.

Actually, William, it is the whiners who have that fixation. They are
bent out of joint because I don't have to pass the same code exam they
did.

621. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-25 00:00:00 UTC
From: Keith Wood <kw@bctv.com>
Message-ID: <38B5E2E2.EE4B6ABA@bctv.com>
Source record: 10055
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Wendy Hardcore wrote:
>
> > BTW, I got my license nearly 20 years ago. How about you?
>
> What the hell does that have to do with anything?!

It has to do with my not being one of those "new hams" that he was
ranting about.

> Are there now going
> to be people not only thinking that knowing Morse Code makes them
> superior hams, but when they got their license?

Not me!

> I got mine 22 years and 7 months ago. Does that make me superior to you?

I dunno, does it? ;)

Keith

622. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-25 00:00:00 UTC
From: AndroidCat XENU <androidcat99@hotmail.com>
Message-ID: <i0pt4.19152$bz2.3323378@tw12.nn.bcandid.com>
Source record: 10056
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.shortwave

Kim W5TIT <kw5tit@hotmail.com> wrote in message
news:92E43F226E978ADC.E74D9A09830641F4.1433B3CC10E0794B@lp.airnews.net...
> Wendy Hardcore wrote:
> >
> > > BTW, I got my license nearly 20 years ago. How about you?
> >
> > What the hell does that have to do with anything?! Are there now going
> > to be people not only thinking that knowing Morse Code makes them
> > superior hams, but when they got their license?
> >
> > I got mine 22 years and 7 months ago. Does that make me superior to you?
>
> Wow, you're a little late :) Most of us are already bored with this
> topic...
>
> Kim W5TIT

And the people in rec.radio.scanner were annoyed by this topic from the
start. We have enough local idiot topics with importing
cross-posted-to-hell topics of no relevance to rrs.

Learn how to trim your newsgroup list people! (#$%@ lids!)

Ron of that ilk.

623. FS: Satellite Station

Newsgroup: rec.radio.amateur.space
Date: 2000-02-25 00:00:00 UTC
From: johnmel@kenco.uk.sun.com
Message-ID: <895crcaqc2@new-usenet.uk.sun.com>
Source record: 10057
Cross-posted to: uk.radio.amateur,rec.radio.amateur.space

Hi,

I am selling my satellite station that includes Icom-821H with Symek IFD board installed, Motorola 56002EVM DSP board, and more.

If you want the list send an email to me (not to the NG).

All the equipment is located in Southern England near Gatwick Airport.

-- John Melton n6lyt/g0orx

Principal Systems Software Engineer
((Sun Microsystems,
(|~~| Flour Daniel Centre East, Riverside Way
`--' Camberley, Surrey GU15 3YL England
JAVA Phone: +44 1276 416297 (internal ext 16297)
Email: john.melton@uk.sun.com

624. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-25 00:00:00 UTC
From: William Lee <n5wrx@parrett.net>
Message-ID: <38b64b8d.0@news>
Source record: 10058
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Wow Kieth, Twenty years ago..... man that must get you a lot of free coffee
at the local donut shop.
The crowds must part at the hamfests when you arrive.
Impresses the grilies too ....Huh! That sure makes me stand back in AWE.
Too bad that you stoped growing about that same time.
You might have turned into a real fine human being.

William Lee (WD5CQS original call)

Keith Wood <kw@bctv.com> wrote in message news:38B5DA0F.C180361E@bctv.com...
>
>
> William Lee wrote:
> >
> > After reading all these negitive posts, Vince, I understand a little
better
> > about why you want to get away from the "NEW HAMS". If this is any
> > indication of what is to come, I wont be far behind you!
>
> Cool! I look forward to seeing you selling off your gear at the next
> hamfest.
>
> BTW, I got my license nearly 20 years ago. How about you?
>
> > No Maners
>
> "Manners."
>
> > No respect
>
> Why respect whiners?
>
> > No regard for anyones feelings
>
> And just how much respect do the whiners have for anyone else?
>
> > No morals
>
> And your basis for judging this is . . ?
>
> > All take and no give
>
> Talking about the whiners?
>

> > It's all for me and screw you attitude!
>
> You ARE talking about the whiners!
>
> > That is what I see from most of the posts here.
> > What a shame.
>
> Yes, well, from what they say, the whiners are leaving en masse in
> another few weeks, so things will get better.

625. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-25 00:00:00 UTC
From: William Lee <n5wrx@parrett.net>
Message-ID: <38b64cb2.0@news>
Source record: 10059
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Keith, I thought you got your ham ticket 20 years ago?
Why would you need to pass a code test now?
Perhaps you are a lower class of ham who never upgraded.
Is there something you are not telling us or do you just make up your story
as you go along?

William Lee

Keith Wood <kw@bctv.com> wrote in message news:38B5DA59.526F4BD6@bctv.com...
>
>
> William Lee wrote:
> >
> > Eric, I think what he means is the attitude that most of you are
expressing
> > here on the newsgroup!
> > That is ... screw everyone else as long as I get what I want.
> >
> > He never said a thing about code.
> > You seem to have a fixation about that subject.
>
> Actually, William, it is the whiners who have that fixation. They are
> bent out of joint because I don't have to pass the same code exam they
> did.

626. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-25 00:00:00 UTC
From: Mike Yetsko <joe@user.com>
Message-ID: <cBxt4.3913$pP5.78725@newsread1.prod.itd.earthlink.net>
Source record: 10060
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

So bored you just had to respond....

(Hey, it IS bringing in people! I guess just to see who looses their
cookies and blows up next!)

Mike

Kim W5TIT <kw5tit@hotmail.com> wrote in message
news:92E43F226E978ADC.E74D9A09830641F4.1433B3CC10E0794B@lp.airnews.net..
.
>
> Wow, you're a little late :) Most of us are already bored with this
> topic...
>
> Kim W5TIT
>

627. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-25 00:00:00 UTC
From: Keith Wood <kw@bctv.com>
Message-ID: <38B6AD31.3A4313FB@bctv.com>
Source record: 10061
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

William Lee wrote:
>
> Wow Kieth, Twenty years ago..... man that must get you a lot of free coffee
> at the local donut shop.
> The crowds must part at the hamfests when you arrive.
> Impresses the grilies too ....Huh! That sure makes me stand back in AWE.
> Too bad that you stoped growing about that same time.
> You might have turned into a real fine human being.

I did turn into a real fine human being.

As opposed to being a whiner.

> William Lee (WD5CQS original call)

If this is supposed to impress me, I didn't get it (seriously). I have
never been a callsign expert.

628. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-25 00:00:00 UTC
From: Keith Wood <kw@bctv.com>
Message-ID: <38B6AE32.CE53AFD3@bctv.com>
Source record: 10062
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

William Lee wrote:
>
> Keith, I thought you got your ham ticket 20 years ago?
> Why would you need to pass a code test now?

I don't. The whiners are upset that the 5WPM I passed back then is now
enough for my upgrade to Extra, as if CW skill were any kind of
determining factor in one's character or technical ability.

> Perhaps you are a lower class of ham who never upgraded.

Yep. Technician since 1981 ("Plus" since the FCC did that). As of
about a month and a half from now, I will be a General, then in a couple
of months I'll take the Extra exam.

> Is there something you are not telling us or do you just make up your story
> as you go along?

Is there something that you are forgetting to ask, so you just assume?

>
> William Lee
>
> Keith Wood <kw@bctv.com> wrote in message news:38B5DA59.526F4BD6@bctv.com...
> >
> >
> > William Lee wrote:
> > >
> > > Eric, I think what he means is the attitude that most of you are
> expressing
> > > here on the newsgroup!
> > > That is ... screw everyone else as long as I get what I want.
> > >
> > > He never said a thing about code.
> > > You seem to have a fixation about that subject.
> >
> > Actually, William, it is the whiners who have that fixation. They are
> > bent out of joint because I don't have to pass the same code exam they
> > did.

629. Which sat tracking program

Newsgroup: rec.radio.amateur.space
Date: 2000-02-25 00:00:00 UTC
From: peter <peter.van.den.bos@hetnet.nl>
Message-ID: <#QDJz$8f$GA.281@net025s>
Source record: 10063

I hope some one can help me.

I live in Europe and I'd like to restart my hobby working with sat's with 2m uplink and 10 mtr down. I found a program called STSplus and Win orbit. The funny thing is both program give a different tracking for the same sat at the same time? How can I be sure. Please can anyone help me out in helping configuring the programs?

Thanks for your response to:

pvdbos@hetnet.nl (PE1KEV)

630. Re: "New" FM voice bird

Newsgroup: rec.radio.amateur.space
Date: 2000-02-25 00:00:00 UTC
From: Pat Cox <peacox@gloryroad.net>
Message-ID: <38B6F29A.DE84119B@gloryroad.net>
Source record: 10064

This is great news. I'll be listening and hopefully working through UO-14. 73 Pat K4AVO

Alan WA4SCA wrote:

> News from G7UPN about new operation of UO-14:
>
> ----------
> UO-14 was launched in January 1990 and spent its first 18 months in
> orbit
> operating as an amateur store and forward satellite prior to the
> launch of
> UO-22. It was then switched for use by VITA (Volunteers In Technical
> Assistance) who used it for messaging into Africa.
>
> Since the computer which is used for store and forward communications
> is no
> longer able to perform that task, UO-14 is no longer usable in this
> mode.
> It is however possible to use the satellite as a single channel FM
> voice
> repeater, and I have just configured the satellite to do this.
>
> The uplink is 145.975, and the downlink is 435.070.
>
> I will leave the satellite running in this mode for the next few
> weeks. If
> it is useful, then I will probably leave it running - if it isn't
> used, it
> will be switched to transmitting telemetry.
>
> Happy 10th birthday UO-14!
>
> 73,
> Chris G7UPN / ZL2TPO
> ----------

>
> Initial results have been excellent.
>
> --
> Alan
> WA4SCA
>
> For E-mail reply, please reply to:
> Napbiddle@att.net, removing the "N"

> from the front, since the other address
> is reserved for spam only.

631. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-25 00:00:00 UTC
From: Jenny <spamrecycle@chooseyourmail.com>
Message-ID: <38B727A3.647E@chooseyourmail.com>
Source record: 10065
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

> Kim W5TIT

First, I thought the FCC wasn't going to assign call signs with
"offensive" type words, second, unless you are using your middle name as
your first name, the call sign belongs to a "Mary".

632. Need RS-13 telemetry decoder

Newsgroup: rec.radio.amateur.space
Date: 2000-02-25 00:00:00 UTC
From: Barrett Thompson <barrettthompson@mindspring.com>
Message-ID: <897c8q$34o$1@nntp4.atl.mindspring.net>
Source record: 10066

Where can I find software or instructions to decode the telemetry frames
from RS-13's beacon?
Tnx & 73,
--
Barrett Thompson
KE4R
barrettthompson@mindspring.com

633. Re: Which sat tracking program

Newsgroup: rec.radio.amateur.space
Date: 2000-02-25 00:00:00 UTC
From: "William F. Hagen" <whagen@inreach.com>
Message-ID: <38B77BB6.76A84EAD@inreach.com>
Source record: 10067

shouldnt be, must hav a setting wrong, but run both programs, and listen
for the satellite, they also have beacons, and when you hear it, check
which program did the right prediction....

peter wrote:
>
> I hope some one can help me.
>
> I live in Europe and I'd like to restart my hobby working with sat's with 2m
> uplink and 10 mtr down. I found a program called STSplus and Win orbit. The
> funny thing is both program give a different tracking for the same sat at
> the same time? How can I be sure. Please can anyone help me out in helping
> configuring the programs?
>
> Thanks for your response to:
>
> pvdbos@hetnet.nl (PE1KEV)

634. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-26 00:00:00 UTC
From: W4CSC@lostonthe.net
Message-ID: <19E2A71D8515158E.CC237068CD721BE8.E277076F0FA3153F@lp.airnews.net>
Source record: 10068
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

On Fri, 25 Feb 2000 19:08:51 -0600, Jenny
<spamrecycle@chooseyourmail.com> wrote:

>> Kim W5TIT
>
>First, I thought the FCC wasn't going to assign call signs with
>"offensive" type words, second, unless you are using your middle name as
>your first name, the call sign belongs to a "Mary".

My second choice for a vanity call was N4SEX. It's available. K4SEX
is a radio club in Atlanta, I think!

Larry W4CSC

635. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-26 00:00:00 UTC
From: William Lee <n5wrx@parrett.net>
Message-ID: <38b79547.0@news>
Source record: 10069
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Right over your head .... Huh Keith.
I have my ticket.
You are the wantabe.
Get to work. Study for it. Quit griping and DO something!
Are you too dumb to learn anything?

William Lee

Keith Wood <kw@bctv.com> wrote in message news:38B6AD31.3A4313FB@bctv.com...
>
>
> William Lee wrote:
> >
> > Wow Kieth, Twenty years ago..... man that must get you a lot of free
coffee
> > at the local donut shop.
> > The crowds must part at the hamfests when you arrive.
> > Impresses the grilies too ....Huh! That sure makes me stand back in AWE.
> > Too bad that you stoped growing about that same time.
> > You might have turned into a real fine human being.
>
> I did turn into a real fine human being.
>
> As opposed to being a whiner.
>
> > William Lee (WD5CQS original call)
>
> If this is supposed to impress me, I didn't get it (seriously). I have
> never been a callsign expert.

636. Re: Which sat tracking program

Newsgroup: rec.radio.amateur.space
Date: 2000-02-26 00:00:00 UTC
From: "E. Skelton" <Xnospam@oceanfree.net>
Message-ID: <951529289.245649180@news.indigo.ie>
Source record: 10070

"peter" <peter.van.den.bos@hetnet.nl> wrote:
>I hope some one can help me.
>
>I live in Europe and I'd like to restart my hobby working with sat's with 2m
>uplink and 10 mtr down. I found a program called STSplus and Win orbit. The
>funny thing is both program give a different tracking for the same sat at
>the same time? How can I be sure. Please can anyone help me out in helping
>configuring the programs?
>
>Thanks for your response to:
>
>pvdbos@hetnet.nl (PE1KEV)

Use up to date Kepplerian elements from www.celestrak.com
Check the accuracy of your tracking program against the
Java satellite tracking program at:
http://liftoff.msfc.nasa.gov/realtime/JTrack/Spacecraft.html

I use SatTrack for Linux. It is quite accurate, even when
the Kep's are more than a week old.

73, Ed. EI9GQ.

--
Remove 'X' to reply.

637. NEW HAM RESOURCES SITE

Newsgroup: rec.radio.amateur.space
Date: 2000-02-26 00:00:00 UTC
From: f5lcy <f5lcy@wanadoo.fr>
Message-ID: <8997me$a2n$6@wanadoo.fr>
Source record: 10071

Visit our new Website F6KEH RESOURCES RELAY

http://members.xoom.com/_XMCM/softelecom/index_r.htm

638. Re: "New" FM voice bird

Newsgroup: rec.radio.amateur.space
Date: 2000-02-27 00:00:00 UTC
From: afranco@rc.mayfield.hp.com
Message-ID: <89c5a2$ns7$1@nnrp1.deja.com>
Source record: 10072

That makes 3? FM voice birds I think.. I guess I better finish up my
antenna system to take advantage of all the fun!! Now, if Stensat wasnt
still-born, that would have been real *COOL*!!

73,
Antonio kf6uef

In article <38B6F29A.DE84119B@gloryroad.net>,
Pat Cox <peacox@gloryroad.net> wrote:
> This is great news. I'll be listening and hopefully working through
UO-14. 73 Pat K4AVO
>
> Alan WA4SCA wrote:
>
> > News from G7UPN about new operation of UO-14:
> >
> >

> > UO-14 was launched in January 1990 and spent its first 18 months in
> > orbit
> > operating as an amateur store and forward satellite prior to the
> > launch of
> > UO-22. It was then switched for use by VITA (Volunteers In
Technical
> > Assistance) who used it for messaging into Africa.
> >
> > Since the computer which is used for store and forward
communications
> > is no
> > longer able to perform that task, UO-14 is no longer usable in this
> > mode.
> > It is however possible to use the satellite as a single channel FM
> > voice
> > repeater, and I have just configured the satellite to do this.
> >
> > The uplink is 145.975, and the downlink is 435.070.
> >
> > I will leave the satellite running in this mode for the next few
> > weeks. If
> > it is useful, then I will probably leave it running - if it isn't
> > used, it
> > will be switched to transmitting telemetry.
> >
> > Happy 10th birthday UO-14!

> >
> > 73,
> > Chris G7UPN / ZL2TPO
> >

> >
> > Initial results have been excellent.
> >
> > --
> > Alan
> > WA4SCA
> >
> > For E-mail reply, please reply to:
> > Napbiddle@att.net, removing the "N"
> > from the front, since the other address
> > is reserved for spam only.
>
>

Sent via Deja.com http://www.deja.com/
Before you buy.

639. Re: WTD: Drake 2880??

Newsgroup: rec.radio.amateur.space
Date: 2000-02-27 00:00:00 UTC
From: afranco@rc.mayfield.hp.com
Message-ID: <89c5mi$o78$1@nnrp1.deja.com>
Source record: 10073

Hi John,

I was thinking of getting one also for P3D.
Look back in deja.com for "Drake 2880". I think someone was selling some
about 2years ago when the article first came out in QST...
Havent heard of anyothers lately.... Let us know if you do find other
sources.

check out http://members.aol.com/k5oe/

73,
Antonio kf6uef

In article <cr9t4.293$Zn3.53328@pm02news>,
"NS1Z/John" <ns1z@arrl.net> wrote:
> Does anyone have one of the Drake downconverters (not sure of model
> number..) that were being converted? I would be interested in
purchasing
> one, as well as hearing your experiences on the conversion of same.
>
>

Sent via Deja.com http://www.deja.com/
Before you buy.

640. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-27 00:00:00 UTC
From: Jenny <spamrecycle@chooseyourmail.com>
Message-ID: <38B9C1BA.2F96@chooseyourmail.com>
Source record: 10074
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

William Lee wrote:
> Get to work. Study for it. Quit griping and DO something!
> Are you too dumb to learn anything?

How about yourself? Did you learn every language on this planet already
or are you just too dumb or lazy?

641. TELL ME WHAT THIS IS!!

Newsgroup: rec.radio.amateur.space
Date: 2000-02-27 00:00:00 UTC
From: Goliath000@webtv.net
Message-ID: <29848-38B9DAFF-77@storefull-278.iap.bryant.webtv.net>
Source record: 10075

Ok while tresure hunting in the local junk store I came across this some
kind of Radio, C.B., Ham Radio, or some thing I dont know. It says
Hammerlund on it,
It has a off, rec, send, q mult-cw switch
Antenna adjustment dial
Main tuning dial
sensitivity dial
Main, Avc switch
Tuning Range Mcs switch, 20 bs, 10-30, 4-10, 1.6-4, .55-1.6,
Off, lim on swtch
Audio Gain dial
Band spread dial
selectivity dial
Freq. dial
Carrier level gauge
and it has two gauges that have all kind of numbers
ON THE BACK
3.2 ohms speaker hook up
Phones hook up
Meter zero adjustment knob

If any one can tell me about this or where I can find out about it, I
would be very thank full.

Mark

642. Re: TELL ME WHAT THIS IS!!

Newsgroup: rec.radio.amateur.space
Date: 2000-02-27 00:00:00 UTC
From: The Schwarm Family <schwarm@norfolk-county.com>
Message-ID: <38B9FC2E.422E5AE6@norfolk-county.com>
Source record: 10076

It sounds like a Hammerlund receiver. It should have its model number somewhere. It would be something like HQ110. They made several. I have a HQ180 and have for years.

Steve, W3EVE

Goliath000@webtv.net wrote:
>
> Ok while tresure hunting in the local junk store I came across this some
> kind of Radio, C.B., Ham Radio, or some thing I dont know. It says
> Hammerlund on it,
> It has a off, rec, send, q mult-cw switch
> Antenna adjustment dial
> Main tuning dial
> sensitivity dial
> Main, Avc switch
> Tuning Range Mcs switch, 20 bs, 10-30, 4-10, 1.6-4, .55-1.6,
> Off, lim on swtch
> Audio Gain dial
> Band spread dial
> selectivity dial
> Freq. dial
> Carrier level gauge
> and it has two gauges that have all kind of numbers
> ON THE BACK
> 3.2 ohms speaker hook up
> Phones hook up
> Meter zero adjustment knob
>
> If any one can tell me about this or where I can find out about it, I
> would be very thank full.
>
> Mark

643. Has opened new site about tubes

Newsgroup: rec.radio.amateur.space
Date: 2000-02-28 00:00:00 UTC
From: "Jury K. Ivanov" <minimaxut@mtu-net.ru>
Message-ID: <89casj$22cp$1@gavrilo.mtu.ru>
Source record: 10077

We invite to visit ours new site about electron- and radiotubes to the address: http://el-tubes.euro.ru

644. Re: "New" FM voice bird

Newsgroup: rec.radio.amateur.space
Date: 2000-02-28 00:00:00 UTC
From: wb4lnm@aol.com
Message-ID: <20000227212051.20479.00001295@ng-fb1.aol.com>
Source record: 10078

Very good, Alan. Thanks for thinking about the other 99% of amateur radio operators who don't want to shell out the extra money for "specialized modes".

73

John...
WB4LNM

John H. Klingelhoeffer
WB4LNMxx@aol.com (remove xx for real address)

645. Newbie Question--tracking prg.??

Newsgroup: rec.radio.amateur.space
Date: 2000-02-28 00:00:00 UTC
From: ebruchac@aol.comnojunkma
Message-ID: <20000227211824.14221.00002310@ng-ce1.aol.com>
Source record: 10079

Newbie Question so excuse the obvious.
Looking for a program for Sat.tracking,(Win 95). I've seen the Kepplerian data sheets on Amsat,but looking for something that would basicly tell when/where a satellite would be in my area,(Southeast).

Also,any suggested sites for Ham Radio related satellite sites, other than AMSAT and ARRL?

73/// Ed N4ZUM

"I believe in equality for everyone, except reporters and photographers."
Gandhi

646. Pocketsat problem.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-28 00:00:00 UTC
From: Tim Elder <telder@1st.net>
Message-ID: <2iqu4.2923$Xj7.38720@news>
Source record: 10080

Hello everyone,
I just recently installed pocketsat on my Palmpilot and I am having a problem.Whenever I get to the step to calculate passes for the hamsats the palm will process the calcs but nothing appears on any of the hamsats.Am I doing something wrong?I figured if you got the spinning thingy in the corner it should dispay some passes of the sats but it just displays a blank screen.Any cures?
Thanks;
Tim
n8zva

647. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-28 00:00:00 UTC
From: Ian Gill <ian@minidata.co.nz>
Message-ID: <01bf8272$60a6f3e0$LocalHost@default>
Source record: 10081
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Jenny
> How about yourself? Did you learn every language on this planet already
> or are you just too dumb or lazy?

Sure he did, Jenny, Morse is the universal language understood by everyone
except aliens.

Regards

Ian Gill (Formerly ZL3TGK)

648. Re: Newbie Question--tracking prg.??

Newsgroup: rec.radio.amateur.space
Date: 2000-02-28 00:00:00 UTC
From: alf sauve <alf.sauve@mindspring.com>
Message-ID: <89dnqdrub1@nntp9.atl.mindspring.net>
Source record: 10082

Ed,

On the AMSAT web site are downloadable tracking software and links to other sites with software. Surprised you found the Kep's but didn't see the software.

I still use the STSPLUS program. It's runs in a DOS window but it's simple, shows the next 3 tracks graphically in either flat map or 3-d, and gives predictive printouts including visible passes. Originally written for tracking Space Shuttle (STS) missions it works well with all sat's I've tried.

Alf - W4AD

"Ed Bruchac " <ebruchac@aol.comnojunkma> wrote in message news:20000227211824.14221.00002310@ng-ce1.aol.com...
> Newbie Question so excuse the obvious.
> Looking for a program for Sat.tracking,(Win 95). I've seen the Kepplerian data
> sheets on Amsat,but looking for something that would basicly tell when/where a
> satellite would be in my area,(Southeast).
>
> Also,any suggested sites for Ham Radio related satellite sites, other than
> AMSAT and ARRL?
>
> 73/// Ed N4ZUM
>
> "I believe in equality for everyone, except reporters and photographers."
> Gandhi
>
>

649. international space station

Newsgroup: rec.radio.amateur.space
Date: 2000-02-28 00:00:00 UTC
From: mike <mhakes@parlorcity.com>
Message-ID: <Pine.LNX.4.10.10002281551520.22918-100000@jim.mhe.com>
Source record: 10083

Are there any active beacons, being used by the international spacestation ?

-=<mike>=-

650. G5500 meter size?

Newsgroup: rec.radio.amateur.space
Date: 2000-02-28 00:00:00 UTC
From: NS1Z/John <ns1z@arrl.net>
Message-ID: <4Azu4.1075$Zn3.163199@pm02news>
Source record: 10084

Could someone measure their azimuth meter on their G-5500 AZ/EL rotor controller and forward to me. I need to put a meter in my G-5400 and would like to install the 450 degree version, if it will fit. Thanks

651. Re: Newbie Question--tracking prg.??

Newsgroup: rec.radio.amateur.space
Date: 2000-02-28 00:00:00 UTC
From: wb4ofn@rocketmail.com
Message-ID: <38bae344.74904420@netnews.worldnet.att.net>
Source record: 10085

On 28 Feb 2000 02:18:24 GMT, ebruchac@aol.comnojunkma (Ed Bruchac)
wrote:

>Newbie Question so excuse the obvious.
>Looking for a program for Sat.tracking,(Win 95). I've seen the Kepplerian data
>sheets on Amsat,but looking for something that would basicly tell when/where a
>satellite would be in my area,(Southeast).
>
>Also,any suggested sites for Ham Radio related satellite sites, other than
>AMSAT and ARRL?
>
>73/// Ed N4ZUM
(snip)

WinOrbit is freeware and is available for download at
http://www.sat-net.com/winorbit/index.html
73,
Russell Hall WB4OFN

652. Re: Which sat tracking program

Newsgroup: rec.radio.amateur.space
Date: 2000-02-28 00:00:00 UTC
From: Jeff Kelly <jkelly@bellatlantic.net>
Message-ID: <EcCu4.1991$A93.121859@typhoon1.gnilink.net>
Source record: 10086

If you use Winorbit make sure the orbital model is SGP4
This has to be set for each of the windows that you use.
There is also a Y2K version out for WInorbit. (3.6)

Jeff Kelly
KT2K

peter wrote in message <#QDJz$8f$GA.281@net025s>...
>I hope some one can help me.
>
>I live in Europe and I'd like to restart my hobby working with sat's with
2m
>uplink and 10 mtr down. I found a program called STSplus and Win orbit. The
>funny thing is both program give a different tracking for the same sat at
>the same time? How can I be sure. Please can anyone help me out in helping
>configuring the programs?
>
>Thanks for your response to:
>
>pvdbos@hetnet.nl (PE1KEV)
>
>
>
>

653. UO-14 signal report FWIW

Newsgroup: rec.radio.amateur.space
Date: 2000-02-28 00:00:00 UTC
From: Erik van Bronkhorst <vanbronkhoew@navair.navy.mil>
Message-ID: <38BB0D9B.ABDBCB8D@navair.navy.mil>
Source record: 10087

This weekend presented the first opportunity for me to
try UO-14. Using my modest satellite station the bird
was very loud and quite clear; much easier to receive than
AO-27 for example. It made a pass directly over my QTH
and was so loud at one point I grabbed my Alinco DJ-C5
"credit card" HT and tuned it to 145.975. In between the
flurry of people calling I was able to discern its (my) carrier
against the background, while monitoring with my regular
satellite gear. This using the 4" antenna and 300mW, indoors.
I doubt if my voice would have been copyable however.
Next I tuned the little HT to 435.070 and was shocked
to hear the squelch break intermittantly and copyable
voices! This from inside my house. I was never able to
hear Mir from indoors, but was readily able to hear it
outdoors with my HT. I am in southern Cal. so the
FM birds are pretty crammed when over me, however
I suspect that in a less populated area, one would have
no difficulty working UO-14 with a run of the mill 5W
dual band HT, on a high pass. Using a mobile should
be trivial. This bird is the best bet for first time sat ops.

73
--
Erik van Bronkhorst
http://www.qsl.net/kc6uut/

The machine does not isolate man from the great problems of nature
but plunges him more deeply into them.
-- Antoine de Saint-Exupery, 'Wind, Sand, and Stars.'

--
Erik van Bronkhorst

The machine does not isolate man from the great problems of nature
but plunges him more deeply into them.
-- Antoine de Saint-Exupery, 'Wind, Sand, and Stars.'

654. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-28 00:00:00 UTC
From: Jenny <jparker@kokis.com>
Message-ID: <38BB117B.178F@kokis.com>
Source record: 10088
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Ian Gill wrote:
>
> Jenny
> > How about yourself? Did you learn every language on this planet already
> > or are you just too dumb or lazy?
>
> Sure he did, Jenny, Morse is the universal language understood by everyone
> except aliens.

Bullshit. 95% or more of the population would not have any idea waht
you were saying if you used Morse Code. Back to the question being
avoided by changing the subject to something completely idiotic...

> > How about yourself? Did you learn every language on this planet already
> > or are you just too dumb or lazy?
(Russian, Japanese, German, French, Italian, ETC ETC)

655. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-28 00:00:00 UTC
From: Kim W5TIT <kw5tit@hotmail.com>
Message-ID: <71B01CDB7FDEEE70.32413E73515CDADB.553FC8A902457BD1@lp.airnews.net>
Source record: 10089
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Jenny wrote:
>
> Ian Gill wrote:
> >
> > Jenny
> > > How about yourself? Did you learn every language on this planet already
> > > or are you just too dumb or lazy?
> >
> > Sure he did, Jenny, Morse is the universal language understood by everyone
> > except aliens.
>
> Bullshit. 95% or more of the population would not have any idea waht
> you were saying if you used Morse Code. Back to the question being
> avoided by changing the subject to something completely idiotic...
>
> > > How about yourself? Did you learn every language on this planet already
> > > or are you just too dumb or lazy?
> (Russian, Japanese, German, French, Italian, ETC ETC)

Oh, wait. I have a "nasty" callsign, and you commented on its
nastiness, but you can use that kind of language freely and openly?
Uh-huh. I think I recognize a double set of standards when I see
them...

Kim W5TIT <<< No bullshit.

656. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-28 00:00:00 UTC
From: Jenny <jparker@kokis.com>
Message-ID: <38BB1D3B.26E4@kokis.com>
Source record: 10090
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

```
Kim W5TIT wrote:
>
> Jenny wrote:
> >
> > Ian Gill wrote:
> > >
> > > Jenny
> > > > How about yourself? Did you learn every language on this planet already
> > > > or are you just too dumb or lazy?
> > >
> > > Sure he did, Jenny, Morse is the universal language understood by everyone
> > > except aliens.
> > >
> > Bullshit. 95% or more of the population would not have any idea waht
> > you were saying if you used Morse Code. Back to the question being
> > avoided by changing the subject to something completely idiotic...
> >
> > > > How about yourself? Did you learn every language on this planet already
> > > > or are you just too dumb or lazy?
> > (Russian, Japanese, German, French, Italian, ETC ETC)
>
> Oh, wait. I have a "nasty" callsign, and you commented on its
> nastiness, but you can use that kind of language freely and openly?
> Uh-huh. I think I recognize a double set of standards when I see
> them...

I mentioned that the "FCC" used to have a problem with certain words,
NOT myself! Go do a search on other call signs with the suffix TIT and
you will see that they do not come up with anyone. This is yet another
silly attempt to avoid the question and change the subject AGAIN!

> > > > How about yourself? Did you learn every language on this planet already
> > > > or are you just too dumb or lazy?
```

657. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-28 00:00:00 UTC
From: Jenny <jparker@kokis.com>
Message-ID: <38BB3CD6.3A6B@kokis.com>
Source record: 10091
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Jeffrey Herman wrote:
>
> >How about yourself? Did you learn every language on this planet already
> >or are you just too dumb or lazy?
>
> Could you explain your "every language on this planet" remark? I
> don't see the connection.

Well good, that is a start. You are starting to use thinking to see that there is no connection to having to learn every language in order to not be dumb or lazy. Now continue using your brain and you will also see that there is no logic in having to learn Morse Code if you want to talk into a microphone on HF bands. Nor is one dumb or lazy for not wanting to learn something that has nothing at all to do with what that person wants to do.

Some people like to ride horses, but horse lovers should not force car drivers to learn how to ride a horse before being allowed to drive a car. Some people like Morse Code, but Code lovers should not force people who like to use microphones and speech to talk to people on the radio to learn Morse Code before they are allowed to use microphones on HF bands.

You should ONLY learn Morse Code if you intend to USE Morse Code. If you never have any intention of USING Morse Code, then taking the time to learn it to satisfy someone ELSE is IDIOTIC!

658. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-29 00:00:00 UTC
From: William Lee <n5wrx@parrett.net>
Message-ID: <38bb9461.0@news>
Source record: 10092
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

So Jery .... Do you complain to the College that learning history or speech
has nothing to do with electronic engineering?
I dont think so!
If you want the degree you take the required classes or you dont get it.

As to the question asked by Jenny about learning every language .... that is
so lame and stupid that it dont deserve an answer!

William Lee

Jenny <jparker@kokis.com> wrote in message news:38BB3CD6.3A6B@kokis.com...
> Jeffrey Herman wrote:
> >
> > >How about yourself? Did you learn every language on this planet
already
> > >or are you just too dumb or lazy?
> >
> > Could you explain your "every language on this planet" remark? I
> > don't see the connection.
>
> Well good, that is a start. You are starting to use thinking to see
> that there is no connection to having to learn every language in order
> to not be dumb or lazy. Now continue using your brain and you will also
> see that there is no logic in having to learn Morse Code if you want to
> talk into a microphone on HF bands. Nor is one dumb or lazy for not
> wanting to learn something that has nothing at all to do with what that
> person wants to do.
>
> Some people like to ride horses, but horse lovers should not force car
> drivers to learn how to ride a horse before being allowed to drive a
> car. Some people like Morse Code, but Code lovers should not force
> people who like to use microphones and speech to talk to people on the
> radio to learn Morse Code before they are allowed to use microphones on
> HF bands.
>
> You should ONLY learn Morse Code if you intend to USE Morse Code. If
> you never have any intention of USING Morse Code, then taking the time
> to learn it to satisfy someone ELSE is IDIOTIC!

659. Re: Newbie Question--tracking prg.??

Newsgroup: rec.radio.amateur.space
Date: 2000-02-29 00:00:00 UTC
From: alf sauve <alf.sauve@mindspring.com>
Message-ID: <89gbav$2cq$1@nntp2.atl.mindspring.net>
Source record: 10093

Ed,

I'm not a "hard core" satellite, just a casual listener. I have tracked and listened to a number of them, including the earlier Space Shuttle missions with amateur radio and the Sputnik Jr's. If you have packet capability you'll have a lot more to work than just voice. I recently have a renewed interest, but I find it frustrating trying to figure out which satellites are working and when they are turned on. I don't have packet and my dual band radio won't go down below 438, so I'm primarily in a listen mode. I haven't figured out the HF transponder satellites yet but that'll be the next hurdle.

Of the various VHF/UHF sats here's what I've found.

SO-35 and AO-27, apparently are on only on the weekends and only durning daylight passes over the US
UO-11 is on most of the time with packet data. It's useful for making sure your tracking software is working correctly.
UO-14 just got put it FM repeater mode, but not sure of its on/off schedule.
OPAL has a 437.1 beacon/data but the picosat (StenSat) that was UHF/VHF repeater, failed to work.

Hope that helps. I reloaded WinOrbit and tried to use it but it just wasn't as cool as STSPlus. Now if STSPlus would just track multipe sats.....

Alf - W4ADS

"Ed Bruchac " <ebruchac@aol.com> wrote in message news:20000228225429.14758.00001213@ng-fd1.aol.com...
> Alf--thanks.Found them.New interest in sats.,after reading the March QST Q&A on
> satellites.
>
> 73
>
> Ed N4ZUM
>
> "I believe in equality for everyone, except reporters and photographers."
> Gandhi
>
>

660. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-29 00:00:00 UTC
From: W6RCecilA <Cecil.A.Moore@IEEE.org>
Message-ID: <38BBE40E.418BAA5C@IEEE.org>
Source record: 10094
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

William Lee wrote:
> So Jery .... Do you complain to the College that learning history or speech
> has nothing to do with electronic engineering? I dont think so!
> If you want the degree you take the required classes or you dont get it.

Actually William, One reason I chose to get my EE degree from Texas A&M
is that they didn't require a foreign language for the BS degree.
--
73, Cecil, W6RCA http://www.mindspring.com/~w6rca

661. Announcement: AMSAT P3-D on AR507 !!!

Newsgroup: rec.radio.amateur.space
Date: 2000-02-29 00:00:00 UTC
From: vlfiscus@mcn.net
Message-ID: <sbnrerc2jp174@corp.supernews.com>
Source record: 10095
Cross-posted to:
rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

From the Amsat List:

Date: Tue, 29 Feb 2000 14:12:11 +0100
From: Peter Guelzow <Peter.Guelzow@arcormail.de>

Dear Friends,

it's official!!

the following information is from the "e-space" ARIANESPACE NEWSLETTER,
FEBRUARY 2000, No. 151 and can be downloaded from

http://www.arianespace.com/news_espace.html

Provisional Ariane Launch Manifest (February - July 2000)
****

Flight Launcher Payload Launch Date

V127 Ariane 44LP SUPERBIRD-4 February 16
V128 Ariane 505 AsiaStar and Insat 3B March 16
V129 Ariane 42L Galaxy 4R April 6
V130 Ariane 506 Astra 2B and GE-7 May 23
V131 Ariane 44LP Europe*Star or PAS-1R Early July
or 44L
V132 Ariane 507 PAS-1R or Europe*Star, Late July
AMSAT P3-D and STRV-1C/1D

In connection with its customers, Arianespace retains the right to
modify this provisional manifest as the result of the availability of
payloads or for other reasons.

73s Peter
db2os@amsat-dl.org

PS: P3-D is misspelled as 'AmSat P-3B' in the original version, which
is indeed us ;)
----

662. Re: Announcement: AMSAT P3-D on AR507 !!!

Newsgroup: rec.radio.amateur.space
Date: 2000-02-29 00:00:00 UTC
From: Erik van Bronkhorst <vanbronkhoew@navair.navy.mil>
Message-ID: <38BC5146.C6590C7@navair.navy.mil>
Source record: 10096

This has to be the most miserably slow web pages I have ever tried to
load.
And I am on a T1...

"Vince Fiscus, KB7ADL" wrote:

> From the Amsat List:
>
> Date: Tue, 29 Feb 2000 14:12:11 +0100
> From: Peter Guelzow <Peter.Guelzow@arcormail.de>
>
> Dear Friends,
>
> it's official!!
>
> the following information is from the "e-space" ARIANESPACE NEWSLETTER,
> FEBRUARY 2000, No. 151 and can be downloaded from
>
> http://www.arianespace.com/news_espace.html
>
> Provisional Ariane Launch Manifest (February - July 2000)
> **
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> V127 Ariane 44LP SUPERBIRD-4 February 16
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> V132 Ariane 507 PAS-1R or Europe*Star, Late July
> AMSAT P3-D and STRV-1C/1D
>
> In connection with its customers, Arianespace retains the right to
> modify this provisional manifest as the result of the availability of
> payloads or for other reasons.
>
> 73s Peter
> db2os@amsat-dl.org
>
> PS: P3-D is misspelled as 'AmSat P-3B' in the original version, which
> is indeed us ;)
> ----

--
Erik van Bronkhorst

The machine does not isolate man from the great problems of nature
but plunges him more deeply into them.
-- Antoine de Saint-Exupery, 'Wind, Sand, and Stars.'

663. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-02-29 00:00:00 UTC
From: Jenny <jparker@kokis.com>
Message-ID: <38BC8DD9.3F14@kokis.com>
Source record: 10097
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

> Do you complain to the College that learning history or speech
> has nothing to do with electronic engineering?

Yes.

> I dont think so!

That figures.
What DOES history or speech, or even gym class have to do with
electronic engineering? That is REALLY stupid!

> If you want the degree you take the required classes or you dont get it.

OR you get a GROL from the FCC, get many years of work experience, then
get a degree for previous experiences.

> > > Could you explain your "every language on this planet" remark? I
> > > don't see the connection.
> >
> > Well good, that is a start. You are starting to use thinking to see
> > that there is no connection to having to learn every language in order
> > to not be dumb or lazy. Now continue using your brain and you will also
> > see that there is no logic in having to learn Morse Code if you want to
> > talk into a microphone on HF bands. Nor is one dumb or lazy for not
> > wanting to learn something that has nothing at all to do with what that
> > person wants to do.
> >
> > Some people like to ride horses, but horse lovers should not force car
> > drivers to learn how to ride a horse before being allowed to drive a
> > car. Some people like Morse Code, but Code lovers should not force
> > people who like to use microphones and speech to talk to people on the
> > radio to learn Morse Code before they are allowed to use microphones on
> > HF bands.
> >
> > You should ONLY learn Morse Code if you intend to USE Morse Code. If
> > you never have any intention of USING Morse Code, then taking the time
> > to learn it to satisfy someone ELSE is IDIOTIC!

664. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-01 00:00:00 UTC
From: randas@mindspring.com
Message-ID: <89j9d1$bd5$1@nntp9.atl.mindspring.net>
Source record: 9949
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Jenny...you must be a blonde.. :-)

de K0FL

Jenny wrote in message <38BC8DD9.3F14@kokis.com>...
>> Do you complain to the College that learning history or speech
>> has nothing to do with electronic engineering?
>
>Yes.
>
>> I dont think so!
>
>That figures.
>What DOES history or speech, or even gym class have to do with
>electronic engineering? That is REALLY stupid!
>
>> If you want the degree you take the required classes or you dont get it.
>
>OR you get a GROL from the FCC, get many years of work experience, then
>get a degree for previous experiences.
>
>
>> > > Could you explain your "every language on this planet" remark? I
>> > > don't see the connection.
>> >
>> > Well good, that is a start. You are starting to use thinking to see
>> > that there is no connection to having to learn every language in order
>> > to not be dumb or lazy. Now continue using your brain and you will
also
>> > see that there is no logic in having to learn Morse Code if you want to
>> > talk into a microphone on HF bands. Nor is one dumb or lazy for not
>> > wanting to learn something that has nothing at all to do with what that
>> > person wants to do.
>> >
>> > Some people like to ride horses, but horse lovers should not force car
>> > drivers to learn how to ride a horse before being allowed to drive a
>> > car. Some people like Morse Code, but Code lovers should not force
>> > people who like to use microphones and speech to talk to people on the
>> > radio to learn Morse Code before they are allowed to use microphones on
>> > HF bands.
>> >
>> > You should ONLY learn Morse Code if you intend to USE Morse Code. If
>> > you never have any intention of USING Morse Code, then taking the time
>> > to learn it to satisfy someone ELSE is IDIOTIC!

665. Re: Newbie Question--tracking prg.??

Newsgroup: rec.radio.amateur.space
Date: 2000-03-01 00:00:00 UTC
From: Tim Goldenburg <tim@moneystar.com>
Message-ID: <89kmi5ajv1@news.jump.net>
Source record: 9950

Nova is nice, but it is commercial software. I think it's around $60.
There is a demo.

http://www.nlsa.com

"Ed Bruchac " <ebruchac@aol.comnojunkma> wrote in message
news:20000227211824.14221.00002310@ng-ce1.aol.com...
> Newbie Question so excuse the obvious.
> Looking for a program for Sat.tracking,(Win 95). I've seen the Kepplerian
data
> sheets on Amsat,but looking for something that would basicly tell
when/where a
> satellite would be in my area,(Southeast).
>
> Also,any suggested sites for Ham Radio related satellite sites, other than
> AMSAT and ARRL?
>
> 73/// Ed N4ZUM
>
> "I believe in equality for everyone, except reporters and photographers."
> Gandhi
>
>

666. Re: Announcement: AMSAT P3-D on AR507 !!!

Newsgroup: rec.radio.amateur.space
Date: 2000-03-01 00:00:00 UTC
From: Steve <ai7w@NoSpam.com>
Message-ID: <uH3hfgxg$GA.242@cpmsnbbsa02>
Source record: 10098
Cross-posted to:
rec.radio.amateur.equipment,rec.radio.amateur.miscrec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

I assume that the reference to "AmSat P-3B" is a typo.

Vince Fiscus, KB7ADL <vlfiscus@mcn.net> wrote in message
news:sbnrerc2jp174@corp.supernews.com...
>
> From the Amsat List:
>
> Date: Tue, 29 Feb 2000 14:12:11 +0100
> From: Peter Guelzow <Peter.Guelzow@arcormail.de>
>
> Dear Friends,
>
> it's official!!
>
> the following information is from the "e-space" ARIANESPACE NEWSLETTER,
> FEBRUARY 2000, No. 151 and can be downloaded from
>
> http://www.arianespace.com/news_espace.html
>
>
> Provisional Ariane Launch Manifest (February - July 2000)
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>
> V127 Ariane 44LP SUPERBIRD-4 February 16
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> or 44L
> V132 Ariane 507 PAS-1R or Europe*Star, Late July
> AMSAT P3-D and STRV-1C/1D
>
> In connection with its customers, Arianespace retains the right to
> modify this provisional manifest as the result of the availability of
> payloads or for other reasons.
>
>
>
> 73s Peter
> db2os@amsat-dl.org

>
> PS: P3-D is misspelled as 'AmSat P-3B' in the original version, which
> is indeed us ;)
> ----

667. (no subject)

Newsgroup: rec.radio.amateur.space
Date: 2000-03-02 00:00:00 UTC
From: Aganaster@aol.COM
Message-ID: <ee.1ff023f.25ef3f7a@aol.com>
Source record: 9951

Subject: SIX BUCKS
Date: 2/24/00 10:59 AM Pacific Standard Time
From: SSRCompany
Message-id: <20000224135910.08524.00000761@ng-cm1.aol.com>

Subject: Six Dollar's
Date: 2/24/00 11:15 AM Eastern Standard Time
From: SSRCOMPANY
Message-id: <20000224111519.26555.00001455@ng-ba1.aol.com>

How to turn $6 into $50,000!-Or more!!-It 100% works!!!
READING THIS COULD CHANGE YOUR LIFE:

This really does work if you give it a honest try!

I found this on a bulletin board and decided to try it. A little while back, I was browsing through newsgroups, and came across an article similar to this that said you could make thousands of dollars within weeks with only an initial investment of $6.00! So I though, "Yeah right, this must be a scam", but like most of us, I was curious, so I kept reading.
Anyway, it said that you send $1.00 to each of the 6 names and address stated in the article. You then place your own name and address in the bottom of the list at #6, and post the article in at least 200 newsgroups. (There are thousands) No catch, that was it. So after thinking it over, and talking to a few people first, I thought about trying it. I figured: "what have I got to lose except 6 stamps and $6.00, right?" Then I invested the measly $6.00.
Well, GUESS WHAT!!... Within 7 days, I started getting money in the mail! I was
Shocked ! I figured it would end soon, but the money just kept coming in. In my first
week , I made about $25.00. By the end of the second week I had made a total of over
$1,000.00! In the third week I had over $10,000.00 and it's still growing. This is now
my fourth week and I have made a total of just over $42,000.00 and it's still coming in
rapidly.
It's certainly worth $6.00, and 6 stamps, I have spent more than that on the lottery!! Let me tell you how this works and most importantly, why it works Also, make sure you print a copy of this article NOW, so you can get the information off of it as you need it.

I promise you that if you follow the directions exactly, that you will start making more money than you thought possible by doing something so easy!

Suggestion: Read this entire message carefully! (print it out or download it). Follow the simple directions and watch the money come in! It's easy. It's legal. And, your investment is only $6.00 (Plus postage)

IMPORTANT: This is not a rip-off; it is not indecent; it is not illegal; and it is virtually no risk - it really works!!!! If all of the following instructions are adhered to, you will receive extraordinary dividends.

PLEASE NOTE:
Please follow these directions EXACTLY, and $50,000 or more can be yours in 20 to 60 days. This program remains successful because of the honesty and integrity of the participants. Please continue its success by carefully adhering to the instructions. You will now become part of the Mail Order business. In this business your product is not solid and tangible, it's a service. You are in the business of developing Mailing Lists. Many large corporations are happy to pay big bucks for quality lists. However, the money made from the mailing lists is secondary to the income which is made from people like you and me asking to be included in that list.
Here are the 3 easy steps to success:
STEP 1: Get 6 separate pieces of paper and write the following on each piece of paper "PLEASE PUT ME ON YOUR MAILING LIST." "Now get 6 US $1.00 bills and place ONE inside EACH of the 6 pieces of paper so the bill will not be seen through the envelope (to prevent thievery).
Next, place one paper in each of the 6 envelopes and seal them, MAKE SURE THAT THERE ARE ENOUGH STAMPS ON YOUR ENVELOPES. You should now have 6 sealed envelops, each with a piece of paper stating the above phrase, your name and address, and a $1.00 bill.
What you are doing is creating a service. THIS IS ABSOLUTELY LEGAL!
You are requesting a legitimate service and you are paying for it! Like most of us I was a little skeptical and a little worried about the legal aspects of it all. So I checked it out with the U.S. Post Office (1-800-725-2161) and they confirmed that it is indeed legal!

Mail the 6 envelopes to the following addresses:

#1) William Rosser - 254 Getzville Rd. Amherst, NY 14226
#2) Rae Patterson - 150 Hauli St. #150 Wailuku, HI 96793
#3)Connie Wrenn - 111 Chesterfield Dr. Elizabeth City, NC 27909
#4)Christopher Petersen - 222 Haulani St. Pukalani, HI 96768
#5) GERALD R. DE CROCE- 2 HERITAGE CT. MORRIS PLAINS,NJ 07950
#6) Alex Beltran - 6650 Hogan Dr., Sacramento, CA 95822

STEP 2: Now take the #1 name off the list that you see above, move the other names up (6 becomes 5, 5 becomes 4, etc.) and add YOUR Name as number 6 on the list.
STEP 3: Change anything you need to, but try to keep this article as close to original as possible. Now, post your amended article to at least 200 newsgroups or emails, (I think there are close to 50,000 groups) All you

need is 200, but remember, the more you post, the more money you make!
**EVERYBODY AROUND THE WORLD CAN DO IT, BUT REMEMBER TO PUT
ENOUGH STAMPS ON YOUR ENVELOPES!!!!!**

This is perfectly legal! If you have any doubts, refer to Title 18 sec.
1302 -&- 1341 of
the Postal lottery laws. Keep a copy of these steps for yourself and,
whenever you
need money, you can use it again, and again.

PLEASE REMEMBER that this program remains successful because of the
honesty and integrity of the participants and by their carefully adhering to
the directions. Look at it this way. If you are of integrity, the program
will continue and the money that so many others have received will come your
way.
NOTE: You may want to retain very name and address sent to you, either
on a
computer or hard copy and keep the notes people send you. This VERIFIES that
you
are truly providing a service. (Also, it might be a good idea to wrap the $1
bill in dark
paper to reduce the risk of mail theft.) So, as each post is downloaded and
the
directions carefully followed, six members will be reimbursed for their
participation as a
List Developer with one dollar each.
Your name will move up the list geometrically so that when your name
reaches
the #1 position you will be receiving thousands of dollar is CASH!!! What an
opportunity for only $6.00 ($1.00 for each of the first six people listed
above). Send it
now, add your own name to the list and you're in business!

--------DIRECTIONS--------FOR HOW TO POST TO NEWSGROUPS--------------
Step 1) You do not need to retype this entire letter to do your own
posting. Simply put your cursor at the beginning of this letter and drag
your cursor to the bottom of this document, and select 'copy' from the edit
menu. This will copy the entire letter into the computer's memory.
Step 2) Open a blank 'notepad' file and place your cursor at the top
of the blank page. From the 'edit' menu select 'paste.' This will paste a
copy of the letter into notepad so that you can add your name to the list.
Step 3) Save your new notepad file as a .txt file. If you want to do
your postings in different settings, you'll always have this file to go back
to.
Step 4) Use Netscape or Internet explorer and try searching for
various newsgroups (online forums, message boards, chat sites, discussions).
Step 5) Visit these message boards and post this article as a new
message by
highlighting the text of this letter and selecting paste from the edit menu.
Fill in the
Subject, this will be the header that everyone sees as they scroll through

the list of
postings in a particular group, click the post message button. You're done with your
first one!
Congratulations THAT'S IT! All you have to do is jump to different newsgroups and post away, after you get the hang of it, it will take about 30 seconds for each newsgroup!

**REMEMBER, THE MORE NEWSGROUPS YOU POST IN, THE MORE MONEY YOU WILL MAKE!!

BUT YOU HAVE TO POST A MINIMUM OF 200**
That's it! You will begin receiving money from around the world within days! You may
eventually want to rent a P.O. Box due to the large amounts of mail you will receive.

----------Now the WHY part----------
Out of 200 postings, say I receive only 5 replies (a very low example). So then I made $5.00 with my name at #6 on the letter. Now, each of the 5 persons who just sent me $1.00 make the MINIMUM 200 postings, each with my name at #5 and only 5 persons respond to each of the original 5, that is another $25.00 for me, now those 25 each make 200 MINIMUM posts with my name at #4 and only 5 replies each, I will bring in an additional $125.00! Now, those 125 persons turn around and post the MINIMUM 200 with my name at #3 and only receive 5 replies each, I will make an additional $625.00! OK, now here is the fun part, each of those 625 persons post a MINIMUM 200 letters with my name at #2 and they each only receive 5 replies, that just made me $3,125.00!!!! Those 3,125 persons will all deliver this message to 200 newsgroups with my name at #1 and if still 5 persons per 200 newsgroups react I will receive $15,625.00! With an original investment of only $6.00! AMAZING!
When your name is no longer on the list, you just take the latest posting in the newsgroups, and send out another $6.00 to names on the list, putting your name at number 6 again. And start posting again. The thing to remember is: do you realize that thousands of people all over the world are joining the Internet and reading these articles everyday? JUST LIKE YOU are now!!

So, can you afford $6.00 and see if it really works?? I think so

Remember, play FAIRLY and HONESTLY and this will really work.
GOOD LUCK!!!!!!!!!!!

"Hard work beats talent, when talent doesn't work hard"

668. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-02 00:00:00 UTC
From: William Lee <n5wrx@parrett.net>
Message-ID: <38be3ad4.0@news>
Source record: 9952
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

<randas@mindspring.com> wrote in message
news:89j9d1$bd5$1@nntp9.atl.mindspring.net...
> Jenny...you must be a blonde.. :-)
>
> de K0FL

Actually she was a blond but colored her hair brown.
That is what is called ... "artificial intelligence"

669. WTB

Newsgroup: rec.radio.amateur.space
Date: 2000-03-02 00:00:00 UTC
From: Jeff Grey <cdma77@aol.com>
Message-ID: <38BF3C12.6919@aol.com>
Source record: 9953

WTB: Used 2 mtr & 70cm all mode radio(s) for sat use.

Jeff
N8EIP

670. Re: M2 Eggbeaters

Newsgroup: rec.radio.amateur.space
Date: 2000-03-03 00:00:00 UTC
From: rodadkins@earthlink.net
Message-ID: <89nf33$2l0_002@news.earthlink.net>
Source record: 9954

In article <38B55C3E.81B7388@gloryroad.net>, Pat Cox <peacox@gloryroad.net>
wrote:

>Anyone had any experience with the 145/435 eggbeater antennas by M2.
>Particularly interested in FO-20/FO-29 results using these antennas.
>Thanks. Pat K4AVO
>
I have used these very successfully on both FO-20 & FO-29

I find that a pre-amp on 435 makes a big difference - I use the ARR P432VDG

I also use a Teletec amp on the 2m uplink

I use the version of the ant with radials, which according to M2 is optimised
for near-overhead passes.
However, I can sometimes have QSOs horizon - horizon.

Rod, KQ6ZF

671. SASI SAT TRACKER & NOVA?

Newsgroup: rec.radio.amateur.space
Date: 2000-03-03 00:00:00 UTC
From: Gun Steele <synertool@dodgecity.net>
Message-ID: <A_Rv4.5342$Zh4.898798@newshog.newsread.com>
Source record: 9955

Anyone have anything good or bad to say about this combination?

Gun Steele W�GUN
GUNTRONICS

672. What' Wrong with My InstanTrack?

Newsgroup: rec.radio.amateur.space
Date: 2000-03-03 00:00:00 UTC
From: "D. Vanderplough" <davander@home.com>
Message-ID: <XHVv4.46329$2C1.1424751@news1.rdc1.il.home.com>
Source record: 9956

Y2K problems must be giving me goofy data on the Keps. Is there a patch?

Any info appreciated.

Dan K9RQ
davander@home.com

673. Re: What' Wrong with My InstanTrack?

Newsgroup: rec.radio.amateur.space
Date: 2000-03-03 00:00:00 UTC
From: ralphmw@aol.com
Message-ID: <20000303175752.14759.00002091@ng-fd1.aol.com>
Source record: 9957

Check:

http://www.amsat.org

They have a Y2K patch for InstanTrak.

Ralph NH6QT/3

674. Re: Newbie Question--tracking prg.??

Newsgroup: rec.radio.amateur.space
Date: 2000-03-04 00:00:00 UTC
From: askensey@earthlink.net
Message-ID: <38c093ee.8000794@news.earthlink.net>
Source record: 9958

There's a lot of resources out there. The following pages have a
bunch of links to resources (and I'm sure you can find a lot more):

http://www.pacific.net/~brooke/Astro.html
http://www.xylem.demon.co.uk/kepler/
http://www.celestrak.com
http://indigo.ie/~gnugent/dnso/software.htm
http://www2.satellite.eu.org/sat/vsohp/satintro.html
http://www.amsat.org/amsat/ftpsoft.html

As far as a recommendation, I personally use OrbMaster. You can get
the shareware version at

http://www.pond.com/~ssp

Take a look and let me know what you think.
Alisa

On 28 Feb 2000 02:18:24 GMT, ebruchac@aol.comnojunkma (Ed Bruchac)
wrote:

>Newbie Question so excuse the obvious.
>Looking for a program for Sat.tracking,(Win 95). I've seen the Kepplerian data
>sheets on Amsat,but looking for something that would basicly tell when/where a
>satellite would be in my area,(Southeast).
>
>Also,any suggested sites for Ham Radio related satellite sites, other than
>AMSAT and ARRL?
>
>73/// Ed N4ZUM
>
>"I believe in equality for everyone, except reporters and photographers."
> Gandhi
>
>

675. Re: Which sat tracking program

Newsgroup: rec.radio.amateur.space
Date: 2000-03-04 00:00:00 UTC
From: askensey@earthlink.net
Message-ID: <38c09458.8106732@news.earthlink.net>
Source record: 9959

This may seem silly, but it has burned me several times with other
programs: make sure that both programs are using the same time zone.
Some programs default to local time, and others to GMT time, and if
your two programs don't use the same standard, then they'll give you
different predicts.

Also, I would suggest you take a look at OrbMaster as an alternative
to the programs you've already seen. The shareware version is at

http://www.pond.com/~ssp

Good luck
Alisa

On Fri, 25 Feb 2000 21:36:42 +0100, "peter"
<peter.van.den.bos@hetnet.nl> wrote:

>I hope some one can help me.
>
>I live in Europe and I'd like to restart my hobby working with sat's with 2m
>uplink and 10 mtr down. I found a program called STSplus and Win orbit. The
>funny thing is both program give a different tracking for the same sat at
>the same time? How can I be sure. Please can anyone help me out in helping
>configuring the programs?
>
>Thanks for your response to:
>
>pvdbos@hetnet.nl (PE1KEV)
>
>
>
>

676. Re: Announcement: AMSAT P3-D on AR507 !!!

Newsgroup: rec.radio.amateur.space
Date: 2000-03-04 00:00:00 UTC
From: Joe Leikhim <jleikhim@nettally.com>
Message-ID: <38C16AC0.622D7E06@nettally.com>
Source record: 9960
Cross-posted to:
rec.radio.amateur.equipment,rec.radio.amateur.miscrec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

This is good news indeed.

"Vince Fiscus, KB7ADL" wrote:

> From the Amsat List:
>
> Date: Tue, 29 Feb 2000 14:12:11 +0100
> From: Peter Guelzow <Peter.Guelzow@arcormail.de>
>
> Dear Friends,
>
> it's official!!
>
> ----

--
Joe Leikhim K4SAT
Jleikhim@nettally.com

"tv dinner by the pool,
i'm so glad i finished school" -F.Zappa 1967

"The Revolution will NOT be televised" -Gil Scott Heron

Dopeler effect: The tendency of stupid ideas to seem smarter when they
come
at you rapidly.

677. A couple questions, I'll be upgrading to Extra class in April :-)

Newsgroup: rec.radio.amateur.space
Date: 2000-03-04 00:00:00 UTC
From: cb@11meters.com
Message-ID: <89ruirjdq1@nntp3.atl.mindspring.net>
Source record: 9961
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner

Can I use my hf radio on CB? What diode do I need to cut and what do diodes look like?

thanks, charlie.

678. Re: A couple questions, I'll be upgrading to Extra class in April :-)

Newsgroup: rec.radio.amateur.space
Date: 2000-03-04 00:00:00 UTC
From: res008@gte.net
Message-ID: <7xfw4.3536$zU2.1186609@paloalto-snr1.gtei.net>
Source record: 9962
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner

In article <89ruirjdq1@nntp3.atl.mindspring.net>, cb@11meters.com (charlie bravo) wrote:
>
>Can I use my hf radio on CB? What diode do I need to cut and what do diodes
>look like?
>

Look out!

I hope you don't transmit the same way you post

679. Re: A couple questions, I'll be upgrading to Extra class in April :-)

Newsgroup: rec.radio.amateur.space
Date: 2000-03-04 00:00:00 UTC
From: W6RCecilA <Cecil.A.Moore@IEEE.org>
Message-ID: <38C184C9.2A6A52CF@IEEE.org>
Source record: 9963
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner

charlie bravo wrote:
> Can I use my hf radio on CB?

Not legally.

> What diode do I need to cut and what do diodes
> look like?

You didn't say what kind of hf radio you have. Modification
instructions can be found on http://www.qrz.com
--
73, Cecil, W6RCA http://www.mindspring.com/~w6rca

680. Re: A couple questions, I'll be upgrading to Extra class in April :-)

Newsgroup: rec.radio.amateur.space
Date: 2000-03-04 00:00:00 UTC
From: andy <acorbin@roanoke.infi.net>
Message-ID: <38C1B80C.4EBF@roanoke.infi.net>
Source record: 9964
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner

```
charlie bravo wrote:
>
> Can I use my hf radio on CB? What diode do I need to cut and what do diodes
> look like?
>
> thanks, charlie.

Mediocre troll.......I will give you a C+.
```

681. Re: A couple questions, I'll be upgrading to Extra class in April :-)

Newsgroup: rec.radio.amateur.space
Date: 2000-03-04 00:00:00 UTC
From: K0HB <K0HB@arrl.org>
Message-ID: <89s4oi$ub9$1@nnrp1.deja.com>
Source record: 9965
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

In article <89ruirjdq1@nntp3.atl.mindspring.net>,
cb@11meters.com (charlie bravo) wrote:
>
> Can I use my hf radio on CB? What diode do I need to cut and what do
diodes
> look like?

The Armenian judges gave it a 9.8 on the Olympic Troll-O-Meter,
but they were over-ruled by the umpires in instant replay, who
award it a 2.6

The Armenian judges lodged a formal protest!

It was sufficiently trollish, of course, but way too obvious.
It was poorly written, poorly executed, and was so incredibly
lame as to lack the true drawing power of a really masterful
troll. Maybe as high as a 3.3 for the sheer stupidity of the
premise, but a 9.8? Never! The Armenian judges tear their
hair out, throw their balalaikas down in dismay, and perform
the traditional Armenian Dismay Chant! They demand a recount!

Regards,

Hans, Lord High Keeper of the Troll-O-Meter

Sent via Deja.com http://www.deja.com/
Before you buy.

682. check this out!

Newsgroup: rec.radio.amateur.space
Date: 2000-03-04 00:00:00 UTC
From: K9VDD <k9vdd@tds.net>
Message-ID: <l1hw4.1347$uY5.384564@ratbert.tds.net>
Source record: 9966

http://www.qsl.net/k9vdd/k9vdd.htm

683. Re: A couple questions, I'll be upgrading to Extra class in April :-)

Newsgroup: rec.radio.amateur.space
Date: 2000-03-04 00:00:00 UTC
From: AB7RS <tglenn@imt.net>
Message-ID: <38C192DB.1CD8@imt.net>
Source record: 9967
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner

charlie bravo wrote:
>
> Can I use my hf radio on CB? What diode do I need to cut and what do diodes
> look like?
>
> thanks, charlie.

Use your HF as a CB and i'll cut the diodes between your legs.

684. Re: A couple questions, I'll be upgrading to Extra class in April :-)

Newsgroup: rec.radio.amateur.space
Date: 2000-03-05 00:00:00 UTC
From: Bubba <bubbajoe@mail.usa.com>
Message-ID: <Psiw4.8851$kO5.46889@typhoon.tampabay.rr.com>
Source record: 9968
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner

can't you tell jive bait when you see it?

The proper response, since you felt compelled to answer, would have been
"Cut the Red/Black wire coming out the back of the rig"

charlie bravo??? ho ho -- just what we need 10-4

W6RCecilA <Cecil.A.Moore@IEEE.org> wrote in message
news:38C184C9.2A6A52CF@IEEE.org...
> charlie bravo wrote:
> > Can I use my hf radio on CB?
>
> Not legally.
>
> > What diode do I need to cut and what do diodes
> > look like?
>
> You didn't say what kind of hf radio you have. Modification
> instructions can be found on http://www.qrz.com
> --
> 73, Cecil, W6RCA http://www.mindspring.com/~w6rca

685. Re: A couple questions, I'll be upgrading to Extra class in April :-)

Newsgroup: rec.radio.amateur.space
Date: 2000-03-05 00:00:00 UTC
From: Bubba <bubbajoe@mail.usa.com>
Message-ID: <9Ljw4.9345$kO5.47721@typhoon.tampabay.rr.com>
Source record: 9969
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner

You assume he have a diode big enough to see

AB7RS <tglenn@imt.net> wrote in message news:38C192DB.1CD8@imt.net...
> charlie bravo wrote:
> >
> > Can I use my hf radio on CB? What diode do I need to cut and what do
diodes
> > look like?
> >
> > thanks, charlie.
>
>
> Use your HF as a CB and i'll cut the diodes between your legs.

686. Re: A couple questions, I'll be upgrading to Extra class in April :-)

Newsgroup: rec.radio.amateur.space
Date: 2000-03-05 00:00:00 UTC
From: John <mrbreezej@netscape.net>
Message-ID: <38C1CB59.329AD9D5@netscape.net>
Source record: 9970
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

Now that was a well written response!

K0HB wrote:

> In article <89ruirjdq1@nntp3.atl.mindspring.net>,
> cb@11meters.com (charlie bravo) wrote:
> >
> > Can I use my hf radio on CB? What diode do I need to cut and what do
> diodes
> > look like?
>
> The Armenian judges gave it a 9.8 on the Olympic Troll-O-Meter,
> but they were over-ruled by the umpires in instant replay, who
> award it a 2.6
>
> The Armenian judges lodged a formal protest!
>
> It was sufficiently trollish, of course, but way too obvious.
> It was poorly written, poorly executed, and was so incredibly
> lame as to lack the true drawing power of a really masterful
> troll. Maybe as high as a 3.3 for the sheer stupidity of the
> premise, but a 9.8? Never! The Armenian judges tear their
> hair out, throw their balalaikas down in dismay, and perform
> the traditional Armenian Dismay Chant! They demand a recount!
>
> Regards,
>
> Hans, Lord High Keeper of the Troll-O-Meter
>
> Sent via Deja.com http://www.deja.com/
> Before you buy.

687. Re: A couple questions, I'll be upgrading to Extra class in April :-)

Newsgroup: rec.radio.amateur.space
Date: 2000-03-05 00:00:00 UTC
From: John <mrbreezej@netscape.net>
Message-ID: <38C1CB0D.2E6F0EDB@netscape.net>
Source record: 9971
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner

That is "have" a diode.

Bubba wrote:

> You assume he have a diode big enough to see
>
> AB7RS <tglenn@imt.net> wrote in message news:38C192DB.1CD8@imt.net...
> > charlie bravo wrote:
> > >
> > > Can I use my hf radio on CB? What diode do I need to cut and what do
> diodes
> > > look like?
> > >
> > > thanks, charlie.
> >
> >
> > Use your HF as a CB and i'll cut the diodes between your legs.

688. Re: A couple questions, I'll be upgrading to Extra class in April :-)

Newsgroup: rec.radio.amateur.space
Date: 2000-03-05 00:00:00 UTC
From: wa2ise@netcom.com
Message-ID: <89sp3ctun1@slb6.atl.mindspring.net>
Source record: 9972
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner

In article <89ruirjdq1@nntp3.atl.mindspring.net>,
charlie bravo <cb@11meters.com> wrote:
>
>Can I use my hf radio on CB? What diode do I need to cut and what do diodes
>look like?
>
>thanks, charlie.

TROLL!

689. Re: A couple questions, I'll be upgrading to Extra class in April :-)

Newsgroup: rec.radio.amateur.space
Date: 2000-03-05 00:00:00 UTC
From: W6RCecilA <Cecil.A.Moore@IEEE.org>
Message-ID: <38C2D8DD.E095ABF6@IEEE.org>
Source record: 9973
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner

Bubba wrote:
> can't you tell jive bait when you see it?

One of the ways to frustrate a troll is to answer unemotionally.

> The proper response, since you felt compelled to answer, would have been
> "Cut the Red/Black wire coming out the back of the rig"

But to get the proper reset function, they have to be cut simultaneously
with the power on. :-)
--
73, Cecil, W6RCA http://www.mindspring.com/~w6rca

690. Re: A couple questions, I'll be upgrading to Extra class in April :-)

Newsgroup: rec.radio.amateur.space
Date: 2000-03-05 00:00:00 UTC
From: CB Police <yourgoingtojail@jailbird.com>
Message-ID: <o9Bw4.4434$z92.95650@news.swbell.net>
Source record: 9974
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner

Please provide Mr. Hollingsworth with your call.
"charlie bravo" <cb@11meters.com> wrote in message
news:89ruirjdq1@nntp3.atl.mindspring.net...
>
> Can I use my hf radio on CB? What diode do I need to cut and what do
diodes
> look like?
>
> thanks, charlie.
>

691. Re: A couple questions, I'll be upgrading to Extra class in April :-)

Newsgroup: rec.radio.amateur.space
Date: 2000-03-05 00:00:00 UTC
From: CB Police <yourgoingtojail@jailbird.com>
Message-ID: <ldBw4.4442$z92.95610@news.swbell.net>
Source record: 9975
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner

```
W6RCA has been reported to Hollingsworth for assisting in the illegal
modification of type accepted radio equipment.
"W6RCecilA" <Cecil.A.Moore@IEEE.org> wrote in message
news:38C184C9.2A6A52CF@IEEE.org...
> charlie bravo wrote:
> > Can I use my hf radio on CB?
>
> Not legally.
>
> > What diode do I need to cut and what do diodes
> > look like?
>
> You didn't say what kind of hf radio you have. Modification
> instructions can be found on http://www.qrz.com
> --
> 73, Cecil, W6RCA http://www.mindspring.com/~w6rca
>
```

692. Hillarious web site =)

Newsgroup: rec.radio.amateur.space
Date: 2000-03-05 00:00:00 UTC
From: messanger7@aol.com
Message-ID: <20000305183530.03534.00000477@ng-cn1.aol.com>
Source record: 9976

I will not be held responsible if you roll out of your seat while viewing this site. Its safe for all ages.

http://members.aol.com/messanger7/pics.html
http://members.aol.com/messanger7/pics.html

693. Re: A couple questions, I'll be upgrading to Extra class in April :-)

Newsgroup: rec.radio.amateur.space
Date: 2000-03-05 00:00:00 UTC
From: mh <cs@gba.net>
Message-ID: <38C2FE11.75D905ED@gba.net>
Source record: 9977
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner

YOU STUPID F**K --- YOU'RE GOING TO GET AN EXTRA LICENSE AND YOU STILL WANT TO
BE AN ASSHOLE AND OPERATE ILLEGALLY!!!

charlie bravo wrote:

> Can I use my hf radio on CB? What diode do I need to cut and what do diodes
> look like?
>
> thanks, charlie.

694. Re: A couple questions, I'll be upgrading to Extra class in April :-)

Newsgroup: rec.radio.amateur.space
Date: 2000-03-05 00:00:00 UTC
From: "Scott (Unit 69)" <EATSPAMupplus@hotmail.com>
Message-ID: <38C302D6.B5F02170@hotmail.com>
Source record: 9978
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner

"D. Stussy" wrote:
>
> [Why is this thread being cross-posted to groups that it doesn't apply to?]

Welcome to Trollville!

--

Unit SIX-NINE Chesapeake Bay

695. Re: A couple questions, I'll be upgrading to Extra class in April :-)

Newsgroup: rec.radio.amateur.space
Date: 2000-03-05 00:00:00 UTC
From: W6RCecilA <Cecil.A.Moore@IEEE.org>
Message-ID: <38C3393D.7271CDB7@IEEE.org>
Source record: 9979
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner

```
CB Police wrote:
> W6RCA has been reported to Hollingsworth for assisting in the illegal
> modification of type accepted radio equipment.

:-) Did you also report qrz.com?
--
73, Cecil, W6RCA http://www.mindspring.com/~w6rca
```

696. Re: A couple questions, I'll be upgrading to Extra class in April :-)

Newsgroup: rec.radio.amateur.space
Date: 2000-03-05 00:00:00 UTC
From: W6RCecilA <Cecil.A.Moore@IEEE.org>
Message-ID: <38C339BF.FEEF7EC9@IEEE.org>
Source record: 9980
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner

D. Stussy wrote:
> If you're upgrading to extra, you already have an amateur radio license and
> therefore should already be familiar with what a diode looks like and you
> should already know the answer to your question.

With my eyes, I have trouble telling the difference between an SMD
diode, cap, or resistor.
--
73, Cecil, W6RCA http://www.mindspring.com/~w6rca

697. Navsat telemetry spectrum

Newsgroup: rec.radio.amateur.space
Date: 2000-03-05 00:00:00 UTC
From: Sven Grahn <svengrahn@wineasy.se>
Message-ID: <38C21143.12A0C46@wineasy.se>
Source record: 9981
Cross-posted to: rec.radio.amateur.space,sci.space.tech

A spectrogram of "OSCAR" navsat telemetry on 149.985 MHz added to my
Web-site "Svens' Space Place".

Sven Grahn

698. Re: A couple questions, I'll be upgrading to Extra class in April :-)

Newsgroup: rec.radio.amateur.space
Date: 2000-03-06 00:00:00 UTC
From: "Al, N2NKB"
Message-ID: <KKCw4.4712$B37.396112@bgtnsc06-news.ops.worldnet.att.net>
Source record: 9982
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner

CB Police wrote in message ...
>W6RCA has been reported to Hollingsworth for assisting in the illegal
>modification of type accepted radio equipment.
>"W6RCecilA" <Cecil.A.Moore@IEEE.org> wrote in message
>news:38C184C9.2A6A52CF@IEEE.org...
>> charlie bravo wrote:
>> > Can I use my hf radio on CB?
>>
>> Not legally.
>>
>> > What diode do I need to cut and what do diodes
>> > look like?
>>
>> You didn't say what kind of hf radio you have. Modification
>> instructions can be found on http://www.qrz.com
>> --
>> 73, Cecil, W6RCA http://www.mindspring.com/~w6rca
>>
The original poster who asked "what do diodes look like" couldn't possibly tune a Tx, never mind
have a resonant antenna.
Al

699. Re: A couple questions, I'll be upgrading to Extra class in April :-)

Newsgroup: rec.radio.amateur.space
Date: 2000-03-06 00:00:00 UTC
From: "D. Stussy" <kd6lvw@bde-arc.ampr.org>
Message-ID: <Pine.LNX.4.10.10003060048590.4749-100000@dns.bde-arc.ampr.org>
Source record: 9983
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner

[Why is this thread being cross-posted to groups that it doesn't apply to?]

On 5 Mar 2000, mh wrote:
> YOU STUPID F**K --- YOU'RE GOING TO GET AN EXTRA LICENSE AND YOU STILL WANT TO
> BE AN ASSHOLE AND OPERATE ILLEGALLY!!!
>
> charlie bravo wrote:
> > Can I use my hf radio on CB? What diode do I need to cut and what do diodes
> > look like?

If you're upgrading to extra, you already have an amateur radio license and
therefore should already be familiar with what a diode looks like and you
should already know the answer to your question. Now, go away. We already
have a bash-fest over legitimate amateur radio topics and don't need you to
stir "the already volatile pot."

700. Re: A couple questions, I'll be upgrading to Extra class in April :-)

Newsgroup: rec.radio.amateur.space
Date: 2000-03-06 00:00:00 UTC
From: busdriver1@freewwweb.com
Message-ID: <38c3052c.37600088@news.freewwweb.com>
Source record: 9984
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner

if you were really upgrading to extra you wouldnt be asking these
stupid questions!!!!!!!!!!!! if you are you better go back and
read your book.....BusDriver

>charlie bravo wrote:
>>
>> Can I use my hf radio on CB? What diode do I need to cut and what do diodes
>> look like?
>>
>> thanks, charlie.
>
>
> Use your HF as a CB and i'll cut the diodes between your legs.

BUSDRIVER1@FREEWWWEB.COM
WEB SITE WWW.CBguy.com
1-800-303-5152

701. Re: A couple questions, I'll be upgrading to Extra class in April :-)

Newsgroup: rec.radio.amateur.space
Date: 2000-03-06 00:00:00 UTC
From: AndroidCat XENU <androidcat99@hotmail.com>
Message-ID: <jhFw4.25$yV1.1669@tw11.nn.bcandid.com>
Source record: 9985
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

charlie bravo <cb@11meters.com> wrote in message
news:89ruirjdq1@nntp3.atl.mindspring.net...
>
> Can I use my hf radio on CB? What diode do I need to cut and what do
diodes
> look like?
>
> thanks, charlie.

Dear Charlie Troll, cut all the diodes -- they only block the current most of the time. If you're not sure if it's a diode, cut it anyway -- it's probably either a resistor (slows current down) or a capacitor (doesn't really allow any current flow), so who cares?

Now, after removing all those blockages to power, you'll have to replace them. I suggest getting an oxy-butane torch or something really hot and melting a whole lot of solder into the rig. Use acid core to make sure there's no cold solder joints. Play the torch over the rig for a minute afterwards to make sure the solder is properly spread, then cool it down with heavily salted water. You now have a rig that will handle a lot of power.

And please don't include rec.radio.scanner in future.

Ron of that ilk.

702. P3D dummy Keps?

Newsgroup: rec.radio.amateur.space
Date: 2000-03-06 00:00:00 UTC
From: stanb@citadel.metropolis
Message-ID: <slrn8c71u7.tfr.stanb@citadel.metropolis.local>
Source record: 9986

Hi there,

Does anyone know of a set of dummy or provisional keps for P3D so I can try
them on my sat tracking prog?

TIA
--
Cheers,
Stan Barr stanb@dial.pipex.com

The future was never like this!

703. WANTED

Newsgroup: rec.radio.amateur.space
Date: 2000-03-06 00:00:00 UTC
From: ke2ls@attglobal.net
Message-ID: <38C3BD48.751EEB20@attglobal.net>
Source record: 9987

I have a Yeasu 736 and want to set up for Sats. I am looking for a
AZ/EL rotor and control that will interface with my NOVA software. Also
need 2 meter and 70 cm antennas.

Please contact KE2LS @ Attglobal.net

73's
KE2LS

704. Re: P3D dummy Keps?

Newsgroup: rec.radio.amateur.space
Date: 2000-03-06 00:00:00 UTC
From: "R.L. Tannehill, P.E." <rickw7rt@mail.firstinter.net>
Message-ID: <38C3EF9B.2844@mail.firstinter.net>
Source record: 9988

Stan Barr wrote:
>
> Hi there,
>
> Does anyone know of a set of dummy or provisional keps for P3D so I can try
> them on my sat tracking prog?
>
> TIA
> --
> Cheers,
> Stan Barr stanb@dial.pipex.com
>
> The future was never like this!

AMSAT had a dummy set several years ago. I tried them and they ran fine
on InstantTrack, but that was before Y2K. They may still be on the
AMSAT website.

Rick T.
W7RT

705. Re: What' Wrong with My InstanTrack?

Newsgroup: rec.radio.amateur.space
Date: 2000-03-06 00:00:00 UTC
From: "R.L. Tannehill, P.E." <rickw7rt@mail.firstinter.net>
Message-ID: <38C3EFE5.68D1@mail.firstinter.net>
Source record: 9989

D. Vanderplough wrote:
>
> Y2K problems must be giving me goofy data on the Keps. Is there a patch?
>
> Any info appreciated.
>
> Dan K9RQ
> davander@home.com

Yes! Check the AMSAT website for direction to a French site that has a
KEP conversion program that works fine.

Rick T.

706. Re: What' Wrong with My InstanTrack?

Newsgroup: rec.radio.amateur.space
Date: 2000-03-06 00:00:00 UTC
From: AnonMn@netscape.net
Message-ID: <38c3eceb.934907615@news>
Source record: 9990

The site mentioned has a couple of patches for InstanTrak, but neither one is described as a Y2K patch. And neither one helps. I found a KEPS Y2K conversion editor for use in addition to the tracking software on an offshore site some time back, but never installed it because the word on this newsgroup was that InstanTrak would have a patch or update soon. Editing KEPS is a drag.
Didn't happen.
Ken K5MBV

On 03 Mar 2000 22:57:52 GMT, ralphmw@aol.com (RalphMW) wrote:

>Check:
>
>http://www.amsat.org
>
>They have a Y2K patch for InstanTrak.
>
>Ralph NH6QT/3
>

707. Re: What' Wrong with My InstanTrack? - cvitk_en.zip (0/1)

Newsgroup: rec.radio.amateur.space
Date: 2000-03-06 00:00:00 UTC
From: AnonMn@netscape.net
Message-ID: <38c3f055.935782057@news>
Source record: 9991

Found the site in Itilia. Here's the program The readme text may not be in
english.
Ken K5MBV

708. IC706MK2G Suitable for satellite work?

Newsgroup: rec.radio.amateur.space
Date: 2000-03-06 00:00:00 UTC
From: kf5oj@prodigy.net
Message-ID: <38c3f27f.1062332@news.prodigy.net>
Source record: 9992

Any one have experience using the Icom 706MK2G on the satellites?
There is $200-$300 difference between it and the FT847. Is the FT847
that much better?

ANY feedback is welcome.
Clifton

709. Re: M2 Eggbeater Antennas

Newsgroup: rec.radio.amateur.space
Date: 2000-03-06 00:00:00 UTC
From: njvets <njvets@skyweb.net>
Message-ID: <_MSw4.1780$yV1.413439@tw11.nn.bcandid.com>
Source record: 9993

njvets <njvets@skyweb.net> wrote in message news:...
> I have used one for about 4 years now. It is a fine antenna that does
> exactly what it is supposed to do. On the Mode A birds, it can't be beat.
> No need to track the sat with a beam for a real good uplink or downlink
> signal. I have also had good results on terrestrial SSB work. I
primarily
> use it now on 137Mhz WXSAT work, where it is just superb.
> Hows that for an opinion?
> Jim
> Jerry M <jmagnani@jps.net> wrote in message
news:3891307e_2@news.jps.net...
> > Does anyone have experience with the M2 eggbeater antennas for 2 meter
and
> > 70 cm?
> >
> >
>
>

710. Re: P3D dummy Keps?

Newsgroup: rec.radio.amateur.space
Date: 2000-03-06 00:00:00 UTC
From: stanb@citadel.metropolis
Message-ID: <slrn8c7uhm.5mu.stanb@citadel.metropolis.local>
Source record: 9994

On Mon, 06 Mar 2000 10:49:15 -0700,
R.L. Tannehill, P.E. <rickw7rt@mail.firstinter.net> wrote:
>Stan Barr wrote:
>>
>> Hi there,
>>
>> Does anyone know of a set of dummy or provisional keps for P3D so I can try
>> them on my sat tracking prog?
>>
>> TIA
>> --
>> Cheers,
>> Stan Barr stanb@dial.pipex.com
>>
>> The future was never like this!
>
>AMSAT had a dummy set several years ago. I tried them and they ran fine
>on InstantTrack, but that was before Y2K. They may still be on the
>AMSAT website.
>

Thanks, found them there ok.
--
Cheers,
Stan Barr stanb@dial.pipex.com

The future was never like this!

711. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-06 00:00:00 UTC
From: Don Edwards <don455@pipeline.com>
Message-ID: <38C4226C.3B33B7EC@pipeline.com>
Source record: 9995
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Yep, K4SEX belongs to a radio club in Newnan, GA

Larry W4CSC wrote:

>
> My second choice for a vanity call was N4SEX. It's available. K4SEX
> is a radio club in Atlanta, I think!
>
> Larry W4CSC

712. Re: IC706MK2G Suitable for satellite work?

Newsgroup: rec.radio.amateur.space
Date: 2000-03-06 00:00:00 UTC
From: Garrett Waltrip <gwaltrip@home.com>
Message-ID: <qOWw4.6131$WI1.112840@news1.frmt1.sfba.home.com>
Source record: 9996

For Satellite work get the FT-847 it does full duplex
the 706 does not.
--
Garrett B Waltrip
N7QWT DN41AG
TRA# 721 Level 2
Email- gwaltrip@home.com
Home Page http://members.home.net/gwaltrip

"Clifton Turner" <kf5oj@prodigy.net> wrote in message
news:38c3f27f.1062332@news.prodigy.net...
>
> Any one have experience using the Icom 706MK2G on the satellites?
> There is $200-$300 difference between it and the FT847. Is the FT847
> that much better?
>
> ANY feedback is welcome.
> Clifton
>

713. Re: Navsat telemetry spectrum

Newsgroup: rec.radio.amateur.space
Date: 2000-03-06 00:00:00 UTC
From: Erik van Bronkhorst <kc6uut@subdimension.com>
Message-ID: <38C4280D.8F67B2BA@subdimension.com>
Source record: 9997
Cross-posted to: rec.radio.amateur.space,sci.space.tech

Sven's space place may be found at
http://www.users.wineasy.se/svengrahn/index.htm

Sven Grahn wrote:

> A spectrogram of "OSCAR" navsat telemetry on 149.985 MHz added to my
> Web-site "Svens' Space Place".
>
> Sven Grahn

--
Erik van Bronkhorst

The machine does not isolate man from the great problems of nature
but plunges him more deeply into them.
-- Antoine de Saint-Exupery, 'Wind, Sand, and Stars.'

714. Re: IC706MK2G Suitable for satellite work?

Newsgroup: rec.radio.amateur.space
Date: 2000-03-06 00:00:00 UTC
From: Ralph Mowery <rmowery@dialpoint.net>
Message-ID: <38C45930.E560A7EF@dialpoint.net>
Source record: 9998

While not needed, it is very nice to have two radios. One that can receive and one to transmitt with. I have talked with some that have tried it with the 706 and they were frustrated because they could not tell where the downlink was or if they tried to uplink to a CQ they were ont heard due to not being on frequency.

Clifton Turner wrote:
>
> Any one have experience using the Icom 706MK2G on the satellites?
> There is $200-$300 difference between it and the FT847. Is the FT847
> that much better?
>
> ANY feedback is welcome.
> Clifton

715. Re: A couple questions, I'll be upgrading to Extra class in April :-)

Newsgroup: rec.radio.amateur.space
Date: 2000-03-06 00:00:00 UTC
From: W6RCecilA <Cecil.A.Moore@IEEE.org>
Message-ID: <38C46B39.BAF18BAC@IEEE.org>
Source record: 9999
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner

```
Michael P. Deignan wrote:
>
> W6RCecilA <Cecil.A.Moore@IEEE.org> wrote in message
> news:38C184C9.2A6A52CF@IEEE.org...
> > charlie bravo wrote:
> > > Can I use my hf radio on CB?
> >
> > Not legally.
>
> Since when has that little "fact" bothered you, Cecil old boy?

You're right, Michael, I should have said, not legally except
for emergencies. I actually have never used my ham transceiver
on the CB bands. I "confessed" because I knew it would drive
Dick right up the wall. I had my emergency blinkers on and was
considering using my IC-706 on CB when a kind motorist pulled
over to see if he could help. If someone had not stopped to help
me, I probably would have tried using my IC-706 on a CB frequency
since I didn't have a CB radio with me at the time and I was
out of range of any 2m repeater.
--
73, Cecil, W6RCA http://www.mindspring.com/~w6rca
```

716. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-07 00:00:00 UTC
From: nikkie_michaels@yahoo.com
Message-ID: <38c449f8.99866639@news.gte.net>
Source record: 10000
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

On Tue, 15 Feb 2000 00:34:31 GMT, vlfiscus@mcn.net (Vince Fiscus,
KB7ADL) wrote:

>I'm an ARRL accredited examiner, but not for long. I Canceled my League
>membership in August, and I won't give exams under the new system. I'm
>turning in my Badge.
>
>Anyone else have the guts to join me?
>
>73 de KB7ADL

Good buy, we won't miss you.

717. Re: Navsat telemetry spectrum

Newsgroup: rec.radio.amateur.space
Date: 2000-03-07 00:00:00 UTC
From: Ash <ash@vvv.tf>
Message-ID: <38C44C88.AC0258DA@vvv.tf>
Source record: 10001
Cross-posted to: rec.radio.amateur.space,sci.space.tech

and what url is that? :)
I've been there before I think, but lost the url.

Sven Grahn wrote:

> A spectrogram of "OSCAR" navsat telemetry on 149.985 MHz added to my
> Web-site "Svens' Space Place".
>
> Sven Grahn

718. Re: A couple questions, I'll be upgrading to Extra class in April :-)

Newsgroup: rec.radio.amateur.space
Date: 2000-03-07 00:00:00 UTC
From: "Michael P. Deignan" <kh6hz@arrl.net>
Message-ID: <_pZw4.2772$yV1.667055@tw11.nn.bcandid.com>
Source record: 10002
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner

W6RCecilA <Cecil.A.Moore@IEEE.org> wrote in message
news:38C184C9.2A6A52CF@IEEE.org...
> charlie bravo wrote:
> > Can I use my hf radio on CB?
>
> Not legally.

Since when has that little "fact" bothered you, Cecil old boy?

MD

719. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-07 00:00:00 UTC
From: tlbryant@my-deja.com
Message-ID: <8a1muh02hn@enews3.newsguy.com>
Source record: 10003
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

In article <38c449f8.99866639@news.gte.net>, nikkie_michaels@yahoo.com says...
>
>On Tue, 15 Feb 2000 00:34:31 GMT, vlfiscus@mcn.net (Vince Fiscus,
>KB7ADL) wrote:
>
>>I'm an ARRL accredited examiner, but not for long. I Canceled my League
>>membership in August, and I won't give exams under the new system. I'm
>>turning in my Badge.
>>
>>Anyone else have the guts to join me?
>>
>>73 de KB7ADL
>
>Good buy, we won't miss you.

Don't you mean good bye?

Tom - N8ECW

720. P3D Preparation

Newsgroup: rec.radio.amateur.space
Date: 2000-03-07 00:00:00 UTC
From: Ron <jpettingill@compuserve.com>
Message-ID: <8a3742$p6r$1@nnrp1.deja.com>
Source record: 10004

Im looking for an analog sat tracking program in preparation for P3D. Currently Im using The Station which works quite well, but Im looking for other alternatives. Nova-for-Windows doesnt support doppler control. On the Nova reflector someone mentioned Uni-Trac, where can I find this program. Im looking for total control of doppler, antenna and rig.

--
Ron Pettingill N7RN

Sent via Deja.com http://www.deja.com/
Before you buy.

721. Clipperton Satellite QSO's ??

Newsgroup: rec.radio.amateur.space
Date: 2000-03-07 00:00:00 UTC
From: Steve <ai7w@NoSpam.com>
Message-ID: <38c53636_1@news.continet.com>
Source record: 10005

Who actually worked these guys on satellite?
Steve

>March 7, 2000
>
>The Clipperton team indicated that last night they have reached 60,386 Qs.
>
>They will be on 30 Meters (XMIT 10105) for the next 12-14 hours starting
>around 0500-0600Z.
>
>Unfortunately they will begin to tear down stations tomorrow leaving 2CW
and
>2SSB stations on the air. Additionally, satellite Qs were made today on
>
^^
>AO-10. They indicated that their satellite and RTTY stations will be
>^^^^^^^
>disassembled around 1500Z (3/7).
>
>This may be the last bulletin regarding the team on Clipperton.
>We will provide status of the Shogun on its return trip to San Diego.
>
>The support team for the Clipperton2000 Expedition congratulates the
>Clipperton team for an outstanding job."
>
>All details about Clipperton 2000 http://www.qsl.net/clipperton2000
>
>Clipperton2000 Pilots
>W2IJ pcb4u@earthlink.net (ALL BUT EUROPE)
>PA1AW pa1aw@qsl.net (EUROPE ONLY)

722. Re: P3D Preparation

Newsgroup: rec.radio.amateur.space
Date: 2000-03-07 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8cajua.b3d.nomail@linux.pe1chl.ampr.org>
Source record: 10006

Ron <jpettingill@compuserve.com> wrote:
> Im looking for an analog sat tracking program in preparation for P3D.
>Currently Im using The Station which works quite well, but Im looking
>for other alternatives.

When you are going to use P3D for voice QSO's, you probably are not going
to need doppler control. That is primarily useful for semi-automatic
operation on single-channel systems (like pacsats).

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

723. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-07 00:00:00 UTC
From: vlfiscus@mcn.net
Message-ID: <scatp251bi7172@corp.supernews.com>
Source record: 10007
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

nikkie_michaels@yahoo.com (nikkie michaels) wrote in
<38c449f8.99866639@news.gte.net>:

I decided not to turn in my badge before April 15th because I might still
be able to help test someone who wants to be a real ham.

73 de KB7ADL

>On Tue, 15 Feb 2000 00:34:31 GMT, vlfiscus@mcn.net (Vince Fiscus,
>KB7ADL) wrote:
>
>>I'm an ARRL accredited examiner, but not for long. I Canceled my League
>>membership in August, and I won't give exams under the new system. I'm
>>turning in my Badge.
>>
>>Anyone else have the guts to join me?
>>
>>73 de KB7ADL
>
>Good buy, we won't miss you.
>

724. Radio Meteor Obs. Bulletin February 2000

Newsgroup: rec.radio.amateur.space
Date: 2000-03-07 00:00:00 UTC
From: steyaert@vvs.be
Message-ID: <38c581d0.8724243@news.innet.be>
Source record: 10008
Cross-posted to: sci.astro.amateur,rec.radio.amateur.space

Radio Meteor Observation Bulletin No. 79 March 2000

1. FORWARD SCATTER METEOR OBSERVATIONS

Observer: Enric Fraile Algeciras
Location: Paseo Bonanova, 8 Barcelona (02 07'E, 41 24' N)
Frequency: 48.24715 MHz.
Transmitter Location: Biedenkopf C2 TV, Video Frequency 48.250 MHz,
ERP 100 kW, Azimut 90 +/-65
Antenna: 6-element Yagi 617-6B, 14 dBd gain.
astronomical azimuth 215 deg (=NE), elevation 0 deg.
Antenna: Six element Yagi 617-6B, 14 dBi gain, horizontal polariz.
Azimuth 200 deg (NE), elevation 20 deg
Receiver: home made converter 20 dB gain, 1 dB noise and Kenwood TS-830S.
10 dB attenuator in the receiver to reduce direct reception
Sensitivity: 0.25 uV for 10 dB S/N
Observing method: the audio signal of the video carrier is received using
a narrow CW filter (500 Hz) and fed into the PC in real time.
Data sampling system: own written software "MSD" with sound card.

| Feb 2000
UT | 26 27 28 29
----+----------------------
0h| 25 15 22
1 | 13 18 9
2 | 11 22 9
3 | 15 16 22
4 | 24 10 14
5 | 14 20 13
6 | 10 12 14
7 | 19 15 11
8 | 25 23 15
9 | 50 14 22
10 | 26 15 22
11 | 3 17 5 10
12 | 29 36 23 17
13 | 22 20 14 2
14 | 23 13 15 7
15 | 11 7 6 9
16 | 18 10 5 5
17 | 5 5 5 5
18 | 10 9 6 6
19 | 25 13 11 11
20 | 17 30 19 15

```
21 | 28 27 16 14
22 | 19 20 25 26
23 | 38 25 20
----+---------------------
UT | 26 27 28 29
| Feb 2000
```

Note:
. Finally I have a good meteor detection software, called MSD, using a sound card! Electric noise pulses, computers, household electrical appliances and especially the Radio Intermodulation of TV C4 of Barcelona, make cities bad places to use software like MCT5X or my old DATA CAPTURE software using a 14 bit AD/DA Card. In the near future I will put the software on my web site. I am positive that the observations are meteors. The software also makes ".wav" files for further analysis.

Enric Fraile Algeciras

Observer: Jean-Louis Aillaud
Location: Sainte Clotilde, R&#65533;union Island (55 29' E, 20 52' S)
Frequency: 89.30 MHz
Transmitter location: Mauritius Broadcasting Corporation SUGAR FM
Antenna: 3 elements Yagi FM (WISI UA 05), horizontal polarisation
azimut 247 deg, elevation 35 deg
Receiver: FM tuner TEAC -T-R 400
observing method: Electronic interface on LINE output audio signal are fed in
COM1: of laptop 486
Meteor c 2.05 processes the signal and records on hard disk the time
of the events
METEOR parameters: SAMPLING = 440, THRESHOLD = 0.8, DELAY = 30 s

```
| Jan 2000
UT | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
---+-------------------------------------------------------------
0 | 1 0 0 0 0 1 0 1 0 0 0 0 1 12 0
1 | 1 1 0 1 1 0 0 0 1 0 0 0 0 17 0
2 | 0 1 0 0 0 0 0 0 0 0 1 1 0 16 0
3 | 1 0 5 4 3 3 2 0 1 1 4 7 3 4 0
4 | 0 3 1 4 1 1 4 0 0 3 4 0 4 5 1
5 | 4 2 0 5 0 0 0 3 6 3 4 0 82 3 3
6 | 1 0 0 4 0 0 3 5 0 1 11 0 92 4 1
7 | 2 0 0 0 0 1 0 0 0 0 1 0 103 0 4
8 | 0 0 0 0 0 0 0 0 3 0 0 1 24 0 3
9 | 0 0 0 0 2 0 0 0 0 0 0 0 22 0 0
10 | 2 0 0 3 3 1 2 5 0 0 5 0 43 0 3
11 | 2 7 3 3 4 4 4 4 5 1 11 0 43 3 4
12 | 3 2 0 4 0 0 6 3 7 2 23 5 26 3 4
13 | 0 0 0 0 0 0 0 0 3 0 28 6 30 2 0
14 | 0 3 0 0 0 3 0 3 0 0 16 0 26 10 0
15 | 9 3 7 3 3 6 3 6 3 6 33 3 16 6 10
```

```
16 | 0 6 0 0 3 0 3 0 0 0 19 4 20 2 1
17 | 0 0 0 0 0 0 0 0 4 0 14 0 6 0 0
18 | 0 3 0 0 1 0 0 1 2 0 3 3 9 0 0
19 | 0 0 1 0 0 1 0 0 0 1 9 0 6 0 0
20 | 0 0 0 0 0 0 0 0 0 4 2 0 11 0 0
21 | 0 0 0 0 0 0 0 0 0 8 2 0 23 0 0
22 | 0 0 0 0 0 0 0 0 0 0 1 0 23 1 0
23 | 3 0 2 0 0 2 0 0 0 2 1 0 15 5 0
---+------------------------------------------------------------
UT | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
| Jan 2000

| Jan 2000
UT | 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
---+------------------------------------------------------------------
0 | 1 1 0 0 1 0 1 1 0 9 15 0 8 6 3 31
1 | 3 0 1 1 0 0 0 0 0 4 6 0 13 8 1 5
2 | 0 0 0 0 0 0 0 0 0 9 8 0 17 8 6 12
3 | 0 2 3 2 2 3 3 0 0 8 11 0 20 19 7 7
4 | 2 3 3 0 2 4 5 0 2 5 5 22 17 16 1 6
5 | 0 0 6 1 4 4 0 11 32 5 75 30 17 3 12 5
6 | 3 0 3 0 0 0 3 51 11 19 66 16 18 11 5
7 | 0 0 5 0 4 0 2 87 19 14 40 0 15 6 15 13
8 | 2 3 0 0 0 0 0 54 20 7 57 27 17 14 15
9 | 0 0 0 0 0 0 0 44 5 8 58 11 14 7 8
10 | 3 1 0 0 0 0 0 42 1 7 67 14 22 9 18
11 | 8 4 3 1 3 6 5 45 17 8 57 13 13 1 20
12 | 5 3 2 3 4 6 2 52 5 12 57 18 12 2 14
13 | 3 0 3 3 0 1 3 72 6 9 58 14 12 6 4 17
14 | 3 0 0 0 1 0 1 49 20 22 77 30 12 17 16 15
15 | 7 7 3 3 11 6 26 66 4 5 80 13 23 16 11 32
16 | 0 0 0 0 0 4 14 59 4 1 40 27 6 8 19 5
17 | 0 0 0 0 0 0 29 47 1 5 8 25 10 13 23 2
18 | 1 0 0 3 0 3 14 61 3 8 27 12 10 7 27 16
19 | 0 0 0 0 2 0 26 100 0 0 6 9 8 14 17 14
20 | 0 0 0 0 1 0 12 96 2 2 7 5 4 4 20 25
21 | 0 2 0 0 1 0 17 90 9 8 29 12 9 8 16 27
22 | 0 0 0 0 0 0 6 93 9 5 40 12 5 3 12 4
23 | 0 2 3 0 5 2 12 107 13 13 20 11 15 4 15 0
---+------------------------------------------------------------------
UT | 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
| Jan 2000
```

Jean-Louis Aillaud

Observer: Michael Boschat
Location: Halifax, Canada (63 36'W, 44 39'N, 58 meters above sea level)
Listening Frequency: 83.24 MHz
Receiver: Icom R-10
Antenna : resonant dipole

Antenna Direction: Horizontally polarized with lobes in E-W plane, elev 0 deg
Filter : high-Q (Q at least 300) bandpass filter between antenna & receiver.
Listening Mode: CW
Recording method: listening by ear

February 2000

Number of meteors heard in one hour interval

| UT
Feb | 09h 10 11 12 13 14 15
----+--------------------------
3 | - - - 6 18 6 4
4 | - - - - - - -
5 | - - - - 17 8 -
6 | - - - 12 5 16 9

18 | - - - 17 - - -

Notes:
. no corrections for radiant position made to the counts.
. - = no observations made.
. * = interference

Mike Boschat

Observer: Maurice De Meyere
Location: Deurle, Belgium (3 37' E, 51 00' N)
Frequency: 66.51 MHz
Transmitter locations (all stations of more than 10 kW):
66.35 MHz, Klaipeda, Lithuania 12 kW, 05h00-22h00
66.47 Viesintos Lithuania 12 05h00-22h00
66.62 Budapest Hungary 100 24hrs
66.68 Valmiera Latvia 20 04h30-22h00
Antenna: crossed Yagi (x form), 4 elements, astronomical azimuth 270 deg
(= E), elevation 27 deg.
Antenna amplifier: 25 dB max level 90 dBmuV
Receiver: commercial, Progresson 447A, TESLA (Bratislava)
The receiver was calibrated with a Marconi TF2008 signal
generator. Sensitivity: 5 muV (modulation frequency
1000 Hz, frequency sweep 38 kHz) at (S+N)/N = 20 dB.
SWR of antenna alone at 66.5 MHz: 1.4/1 (good to very good),
measured with MFJ/259P SWR analyzer (HF-VHF 1.8 MHz to 170 MHz)
on Sep 28, 1998.
Observing method: automated setup, 150 samples/second, 8 bit resolution.
[Time and details of all individual meteor reflections are stored
on file in the Ghent University format (Prometeos), and are
available for further analysis. Reduction software for DOS and
Windows available].

February 2000

Raw counts of reflections with a duration of at least 0.027 s
during one hour interval starting at UT:

```
Feb | UT
2000 | 21h 22 23 00 01 02 03 04 05 06 07
------+-------------------------------------------------
1- 2 | 20 21 30 21 6 12 40 51 41 44 41
2- 3 | 15 22 21 15 7 21 ? 52 28 57 ?
3- 4 | 10 25 13 6 10 14 41 46 34 34 32
4- 5 | 33 30 ? ? 11 20 39 50 42 ? ?
5- 6 | 30 27 16 27 7 6 12 37 26 ? ?
6- 7 | 17 22 9 13 9 17 ? ? 38 ? ?
7- 8 | 34 38 19 12 9 15 34 34 27 45 36
8- 9 | 8 23 10 11 7 18 25 32 31 45 33
9-10 | 4 10 8 20 23? 10 34 34 39 51 28
10-11 | 27 18 10 13 10 20 28 37 32 48 34
11-12 | 8 17 12 20 7 18 44 43 46 ? ?
12-13 | 18 21 14 13 13 11 15 38 31 41 36
13-14 |
14-15 | 22 50 13 8 10 9 36 53 32 36 35
15-16 | 17 24 9 11 14 16 36 37 46 46 43
16-17 | 14 25 15 17 12 24 39 25 46 56 40
17-18 | ? 27 10 16 10 8 22 11 34 37 59
18-19 | 14 25 6 6 14 11 34 36 54 35 33
19-20 | 10 31 14 12 15 17 11 38 55 43 33
20-21 | 38 17 12 8 11 19 ? 29 53 45 ?
21-22 |
22-23 | 19 29 16 13 10 14 36 35 29 50 43
23-24 | 23 22 17 5 8 9 35 42 28 49 ?
24-25 | 23 14 12 22 6 12 18 28 19 51 34
25-26 | 26 28 ? 11 7 13 24 40 38 51 22
26-27 | 11 24 12 9 6 7 16 44 39 ? ?
27-28 | 39 40? 20 18 18 19 40 35 32 54 27
28-29 | 31 25 7 4 5 14 32 28 39 ? 49
------+-------------------------------------------------
2000 | 21h 22 23 00 01 02 03 04 05 06 07
Feb | UT
```

Raw counts of reflections with a duration of at least 1.000 s
during one hour interval starting at UT:

```
Feb |
2000 | 21h 22 23 00 01 02 03 04 05 06 07
------+-------------------------------------------------------
1- 2 | 5* 2 2 9* 1 0 1 6 5 3 5
2- 3 | 5* 3 4 0 1 0 5 3 2 6 11
3- 4 | 3* 5 1 0 0 0 6 3 1 4 8*
4- 5 | 5 6 ? ? 3* 2 1 6 4 ? ?
5- 6 | 5 6* 3 5 1 0 1 2 2 ? ?
6- 7 | 1 5* 0 0 2* 2 ? ? 7 ? ?
7- 8 | 1 4 4* 3* 0 1 2 0 2 6 4
8- 9 | 0 2 2 3* 1 5* 0 3 3 7 4
```

```
9-10 | 0 2 1 ? ? 0 1 6 4 13* 5
10-11 | 1 5* 2 0 0 1 4 2 2 8 4
11-12 | 1 2 2 1 1 7* 4 5 4 20* 15*
12-13 | 4* 3 2 3* 0 4* 2 4 3 9* 6
13-14 |
14-15 | 2 3 1 1 0 1 3 9 2 2 8*
15-16 | 5* 3 0 0 1 0 3 4 6 5 3
16-17 | 1 9* 0 2 1 3 2 0 6 6 12*
17-18 | 4 9* 2 3 0 2* 0 2 2 8* 6
18-19 | 4* 4 3* 0 0 2 4 4 9 6 7
19-20 | 0 6 1 2 3 1 0 5 4 3 5
20-21 | 9* 2 4* 1 1 1 ? 4 4 7 13*
21-22 |
22-23 | 1 4 1 3* 3* 1 ? 3 5 11* 15*
23-24 | 4 3 1 3 0 1 2 6 2 5 14*
24-25 | 4 2 1 8* 0 0 0 4 5* ? * 8*
25-26 | 3 5 ? 1 1 2 1 3 1 8 2
26-27 | 0 4 4* 2* 0 0 2 3 9* ? 15*
27-28 | 5 5 5- 10* 12* 3 8 1 1 13* 6*
28-29 | 2 2 0 1* 1 2 0 1 9* 11 13*
------+-----------------------------------------------------
2000 | 21h 22 23 00 01 02 03 04 05 06 07
Feb |
```

Notes:
. ? probably affected by sporadic-E, tropo, direct reception.
. * warning for relative high number of long duration reflections,
an indication for potential stream activity.
. local time = UT + 1 hour

Maurice De Meyere

Location: Astronomical Observatory, Ghent University, Belgium
(ED50 coordinates: 3 42' 32" E, 51 01' 25" N)
Antenna (2x): 4 elements horizontal Yagi, pointed East, elevation= 20 deg
Antenna amplifier: 10 dB gain
narrow band resonance lambda/4 antenna filter
Frequency: (1)=66.29 MHz (signal) and (2)=65.3 MHz (interference control)
Receiver (2x): modified commercial FM receiver
Data acquisition: 12 bits PC-based A/D convertor, 250 Hz sampling rate
Interference rejection:
dual setup: receiver (1) tuned at distant transmitter, receiver (2)
tuned at empty frequency. Anti-coincidence measurement rejects
registration of broadbanded spurious signals (lightning, computers,
ignition motors, etc).
Further information:
see WWW page (additional info + observational data)
http://allserv.rug.ac.be/~hdejongh/astro/meteor/meteor.html
Data format:
results are shown as total reflection time, expressed as

a percentage. The actual number shows 10 times this value.
When no figure is shown, the equipment was either out of service,
or results could have been affected by interference, sporadic-E.

| Feb 2000 | 10x % reflec. time | horiz: day | vert: time UT|

| 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

0 | 5 2 6 2 4 6 3 2 1 10 3 5 5 5 11
1 | 7 10 4 6 9 4 8 4 3 17 6 6 13 15 5
2 | 23 12 22 14 5 8 4 9 2 5 8 10 7 6 7
3 | 8 14 8 13 5 5 9 8 6 19 21 8 13 12
4 | 16 29 33 13 15 17 15 13 23 19 28 27 16 42
5 | 12 14 15 18 12 9 21 20 32 10 11 20 22 19 15
6 | 32 16 17 11 16 18 49 25 21 26 27 26 12 17 20
7 | 43 30 22 20 15 17 21 25 7 15 24 30 21 18 14
8 | 28 17 19 11 7 30 15 21 14 15 18 38 47 6 15
9 | 19 8 28 22 15 18 11 16 13 18 9 97 20 9 16
10 | 17 9 12 22 7 10 5 6 10 8 8 43 15 12 22
11 | 23 8 13 26 14 7 6 13 5 6 8 17 29 15 18
12 | 6 12 7 12 8 19 5 4 9 7 12 10 16 16 8
13 | 4 25 7 5 4 5 7 4 8 8 3 20 10 8 3
14 | 6 11 2 7 5 6 7 2 4 4 3 9 6 3 23
15 | 7 6 2 5 4 6 3 7 5 5 2 9 23 3 3
16 | 2 4 3 7 4 3 1 2 4 4 2 4 4 3 9
17 | 1 10 2 5 13 4 6 3 7 3 3 3 6 2 3
18 | 4 3 1 4 8 4 11 7 7 5 9 3 4 5 5
19 | 6 3 2 5 3 4 5 2 9 5 7 8 7 5 7
20 | 6 6 8 6 2 8 9 5 9 8 11 8 9 23 8
21 | 8 7 3 5 2 5 8 6 7 7 14 12 9 14 11
22 | 15 6 6 3 4 11 12 4 6 9 8 10 8 6 11
23 | 4 3 6 3 2 2 2 4 5 2 4 6 5 3 3

| 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

| Feb 2000 | 10x % reflec. time | horiz: day | vert: time UT|

| 16 17 18 19 20 21 22 23 24 25 26 27 28 29

0 | 2 10 2 4 3 4 2 5 9 8 1 10 3 5
1 | 14 4 10 14 6 18 4 4 15 3 3 6 8 5
2 | 8 9 15 10 7 5 9 1 8 4 12 13 18
3 | 15 11 8 13 8 11 14 13 12 3 3 12 27 6
4 | 23 13 20 16 16 19 16 22 42 8 25 17 12
5 | 25 16 18 18 17 16 20 15 19 4 20 26 16
6 | 23 23 24 14 33 17 35 20 24 11 15 28 12
7 | 14 30 42 34 20 34 11 14 20 10 19 10 19
8 | 26 25 34 38 59 13 21 20 18 20 20 29 7
9 | 17 11 16 16 42 18 14 12 21 23 17 10 18

```
10 | 25 10 21 23 21 11 14 10 29 11 27 10 22
11 | 15 15 22 26 15 10 7 9 17 20 16 6 21
12 | 23 10 8 13 13 11 18 6 14 10 14 7 10
13 | 5 6 6 12 13 11 8 5 5 7 11 8 3
14 | 4 11 6 10 12 7 3 1 6 5 18 8 8 7
15 | 2 8 9 9 9 5 10 2 1 4 6 4 1 4
16 | 2 14 5 3 8 4 2 10 3 10 5 6 6 4
17 | 7 4 6 2 14 5 8 6 9 1 4 3 4 10
18 | 8 6 5 5 5 6 4 4 2 5 3 3 4
19 | 6 9 8 6 9 5 4 4 1 4 6 6 6
20 | 9 9 9 9 10 9 8 12 7 6 7 10 6
21 | 8 8 8 13 10 9 6 13 6 8 11 8 8
22 | 13 14 12 21 9 8 6 12 3 11 12 12 10
23 | 4 3 6 4 3 4 2 2 2 4 6 5 3 6
---+-----------------------------------------------------
| 16 17 18 19 20 21 22 23 24 25 26 27 28 29
```

Notes:
. the situation with fewer transmitters since early January 2000 continues.

Pierre De Groote

Observers: Del Dobberpuhl, John Meyer, Jack Meyer
Location: Van Andel Creation Research Center, Chino Valley, AZ. USA. 34 50' 50" N, 112 29' 50" W. Elevation 1347 meters above sea level. Frequencies: 88.5, 88.9, and 89.7 MHz for signal FM receivers; 87.9 MHz (currently an unused frequency) for noise FM receiver.
Transmitter Locations: Many possibilities including: El Paso, TX; Mesquite, TX; Commerce, TX; Abilene, TX; Farmington, NM; Colorado Springs, CO.
Antenna: dipole housed in corner reflector built from wire screen. Open end of reflector tilted at about 65 degrees above horizon and facing due east.
Antenna Pre-amplifier: 27 dB gain.
Coax Cable: 152 meters of RG-8
Receiver inputs: Four-way splitter with outputs to each receiver
Receivers: Four OPTIMUS STA-80 FM receivers modified to 10KHz band width using IF amplifiers with 80 dB dynamic range signal strength output voltages.
Data Acquisition: DATAQ type DI-190, 2-channel module connected to computer serial input port. Acquisition rate is 40 samples per second for each channel. Channel one is the combined peak signal amplitudes from the three signal receivers. Channel 2 is the signal amplitude from the noise receiver. Data are reported only when signal strength at the antenna exceeds -124 dBm. Storage continues for one second after signal drops below -124 dBm.
Interference Rejection: Data storage is inhibited if interference at the noise receiver's frequency exceeds -122 dBm at the antenna. Inhibiting continues for one second after noise level drops back

below -122 dBm.
Data Reduction: Mostly automated computerized reduction.
Data Format: Results are shown as total seconds of reflection time per hour.
When no figure is shown, the equipment was either out of service or
results could have been contaminated by sporadic-E or interference.
Data are in comma delimited ASCII.

For further technical information contact Del Dobberpuhl or John Meyer at
crsvarc@primenet.com

STARDUST RADIO-METEOR OBSERVATORY data for January 2000

Reflection time (seconds) per hour

| Jan 2000
UT | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
---+--
7h| 10 15 42 9 14 12 9 19 10 9 9 13 8
8 | 9 16 73 16 14 13 38 16 19 9 14 11 10
9 | 16 20 88 13 21 21 19 22 14 18 19 19 21
10 | 16 25 63 21 18 27 18 51 16 18 18 17 23
11 | 21 31 78 42 16 29 29 44 27 20 23 22 28
12 | 23 24 46 14 25 46 30 32 18 20 17 19 25
13 | 16 28 61 26 24 21 21 19 18 22 25 17 22
14 | 18 27 47 18 19 29 23 27 9 11 19 29 21
15 | 19 32 27 15 18 33 29 17 22 14 28 22
16 | 12 22 23 13 23 23 16 17 14 25 16 20
17 | 59 30 28 18 18 21 22 18 17 16 12 19 17
18 | 27 42 37 18 19 24 18 26 19 13 19 20 16
19 | 23 25 47 26 29 23 15 12 14 16 16 16 14
20 | 17 14 108 28 18 14 13 10 10 12 14 13 19 12
21 | 12 9 44 20 15 15 10 9 15 19 7 15 16 11
22 | 11 11 35 12 14 7 16 6 7 9 8 7 8 11
23 | 8 7 38 9 7 4 8 7 6 7 5 4 5
0 | 7 6 11 9 5 5 3 6 6 3 5 4 12 7
1 | 4 7 4 4 6 4 10 4 3 6 7 12 7 3
2 | 6 4 6 9 6 9 7 3 4 7 7 4 10 5
3 | 3 9 8 4 5 7 11 4 6 6 8 8 7 4
4 | 6 9 8 7 6 6 7 12 4 5 10 8 7 4
5 | 9 9 7 7 8 9 6 14 11 9 9 8 10 6
6 | 10 7 10 8 6 11 12 11 9 9 8 10 6 8
---+--
UT | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
| Jan 2000

| Jan 2000
UT | 17 18 19 20 21 22 23 24 26 26 27 28 29 30 31
---+--
7h| 11 7 8 12 12 6 7 7 11 8 8 6 8 16 9
8 | 14 10 11 13 9 10 9 15 9 9 7 13 12 10 8
9 | 15 13 20 12 16 14 18 10 11 13 14 17 15 13 11
10 | 20 24 20 15 26 13 17 12 14 14 13 14 36 16 11

```
11 | 19 13 16 27 15 14 15 17 14 19 15 21 19 19 11
12 | 16 21 18 24 21 17 16 20 17 16 17 14 19 17 15
13 | 19 15 24 17 13 20 26 18 14 17 18 25 16 19 17
14 | 17 17 21 21 14 18 6 17 12 15 14 12 23 16 10
15 | 17 14 24 19 16 12 14 21 19 24 11 20 23 12 18
16 | 24 20 21 22 19 15 21 19 15 14 21 16 22 13 17
17 | 21 20 20 31 25 14 17 20 18 18 14 26 18 13 17
18 | 30 23 18 18 17 18 15 15 16 23 15 18 16 16 16
19 | 14 16 15 15 17 10 11 40 26 13 16 14 12 10 13
20 | 16 15 12 22 15 12 12 29 19 18 19 11 7 15 14
21 | 14 14 10 15 14 11 11 15 10 9 11 7 6 5 18
22 | 7 11 8 15 15 9 6 15 20 9 9 0 6 6 10
23 | 7 4 4 7 7 8 5 5 7 4 5 0 4 4 5
0 | 4 4 2 4 7 4 12 6 6 4 4 11 5 4 6
1 | 2 3 10 4 8 5 5 6 4 3 4 3 10 6 4
2 | 6 5 6 2 4 4 4 6 5 5 5 4 9 3 4
3 | 11 7 7 11 5 8 9 6 4 5 5 6 6 6 6
4 | 8 11 10 6 5 8 5 7 6 6 10 7 7 7 6
5 | 5 6 10 6 4 7 7 7 3 5 5 12 8 9 5
6 | 7 9 11 7 10 7 10 7 3 7 7 12 7 6 7
---+------------------------------------------------------
UT | 17 18 19 20 21 22 23 24 26 26 27 28 29 30 31
| Jan 2000
```

Del Dobberpuhl, John Meyer, Jack Meyer

Observer: R.B. Minton
Location: Raton, NM (104 26' W, 36 54' N, 2000 m above sea level)
Frequency: 92.9 MHz
Transmitters: KTZA FM 100 kW, Artesia NM, dist 444 km, geogr azim 178 deg
KSPZ FM 53 kW, Color. Springs, dist 217 km, geogr azim 352 deg
KYBR FM ? kW, Espanola NM, dist 180 km, geogr azim 236 deg
???? FM ? kW, Juarez Mexico, dist 579 km, geogr azim 198 deg
KWFM FM 90 kW, Tucson AZ, dist 798 km, geogr azim 233 deg
Antenna: folded dipole, on 6.3 m high mast, oriented N-S
Receiver: Subaru 12 V DC car radio with digital tuning
Observing method: conditioned audio input in the game port of an IBM 386 SX-50 PC, 128 samples/second, DOS/Basic software, automatic

Total hourly counts

January 2000

```
Jan| UT
2000| 0h 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23
----+------------------------------------------------------------------------
1 | 4 5 6 3 1 0 0 2 0 1 2 1 0 0 2 2 6 9 7 0 7 5 5 6
2 | 5 4 4 2 4 3 1 4 1 1 3 2 3 5 3 8 10 8 7 4 9 7 6 7
3 | 7 8 7 1 7 2 0 4 1 2 2 7 2 3 2 4 5 14 10 2 5 12 18 10
4 | 7 2 3 2 1 5 7 16 2 1 16 29 23 19 8 6 3 2 5 1 0 4 7 23
5 | 9 8 5 8 7 6 2 1 0 1 6 3 3 0 1 0 1 0 8 0 2 0 0 1
```

```
6 | 1 0 0 1 3 10 6 2 3 0 0 0 0 0 2 3 4 7 12 3 5 3 5 2
7 | 3 5 3 5 3 5 2 0 3 2 8 4 5 1 2 4 11 9 6 0 1 3 1 6
8 | 3 0 2 4 9 8 4 2 3 3 0 5 1 4 1 3 7 8 17 7 8 4 1 2
9 | 0 2 1 0 0 0 1 0 1 2 6 3 7 7 7 5 13 7 8 7 8 5 6 7
10 | 6 3 2 6 2 4 - - - - - - - - - - - - - - - - - - -
11 | - - - - - - - - - - - - - - - - - - - - - - - - 10
12 | 6 4 0 2 7 8 2 7 4 1 5 5 6 7 3 2 5 7 13 7 4 7 1 6
13 | 7 3 8 6 4 10 5 2 2 3 4 7 3 3 0 7 29 7 9 7 6 5 6 13
14 | 6 4 10 5 5 6 3 5 2 4 5 4 3 4 1 4 2 0 8 2 4 4 5 4
15 | 1 2 2 5 7 5 0 2 1 2 0 4 0 1 0 0 0 0 3 4 1 1 3 19
16 | 1 10 2 0 5 1 2 5 2 2 0 0 3 5 8 9 16 11 8 7 13 3 2 1
17 | 7 2 1 9 7 5 5 2 3 0 0 2 1 1 3 1 6 9 0 5 12 3 0 23
18 | 10 6 5 4 5 5 2 4 3 4 2 7 6 4 1 6 10 9 7 4 4 0 5 5
19 | 3 0 0 8 17 4 4 2 2 1 4 5 1 2 4 7 7 14 19 7 5 0 3 0
20 | 1 0 1 8 1 0 0 1 3 1 0 2 0 0 0 0 18 8 8 6 5 6 10 5
21 | 2 2 3 2 1 0 0 0 0 1 1 2 0 0 2 3 0 0 0 2 1 2 1 2
22 | 1 0 0 0 3 4 1 1 1 0 0 2 0 0 0 0 11 20 6 2 2 2 1 2
23 | 0 2 1 0 0 0 0 2 2 0 0 3 1 8 1 2 7 0 2 4 0 1 1 8
24 | 6 4 1 2 7 1 0 0 4 1 0 0 0 1 3 6 15 11 21 8 7 6 4 5
25 | 5 4 6 3 1 1 4 2 0 1 3 9 5 7 3 8 4 21 2 6 5 2 1 5
26 | 5 7 5 4 5 2 2 3 3 2 4 4 2 3 9 8 8 11 10 6 2 4 6 7
27 | 7 4 4 2 8 11 1 0 0 4 4 4 3 1 4 2 8 1 3 1 2 8 2 6
28 | 1 4 5 2 9 4 2 4 0 2 6 1 4 3 4 2 3 9 14 4 2 0 0 0
29 | 0 1 6 3 8 1 1 5 2 1 1 8 1 8 3 5 12 11 12 1 0 1 6 2
30 | 5 1 6 1 1 1 1 1 4 1 3 1 0 0 4 1 8 3 10 3 3 4 0 5
31 | 6 5 2 0 0 0 0 0 1 0 2 0 1 1 2 0 0 5 6 7 5 8 4 9
----+--------------------------------------------------------------------------
2000| 0h 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23
Jan| UT
```

Signal duration distribution for the above period

Duration (s)	Number
< 0.1	1119
0.1 to 0.3	755
0.3 to 1	523
1 to 3	356
3 to 10	98
10 to 30	0
> 30	0

Notes:
. volume was reduced from Nov 11, 1999 onwards to increase signal/noise ratio (see also RMOB No. 77)
. computer down between Jan 10-12 for repairs

R.B. Minton

Observer: Sadao Okamoto
Location: Damine Meteor Observatory, Japan (137.53 E, 35.07 N)
Transmitter: HAM beacon (JA9YDB) for RMO (50 W CW, 53.7500 MHz) by

JA9BOH Kimio Maegawa. No modulation except for identification.
Antenna: 2 element Cross Yagi 4 dBi aiming to Zenith. Omni-directional
in azimuth and elevation above 15 deg elevation.
Location: Fukui-NCT at Sabae city (136.2 E, 35.9 N)
At present time about 10 observers are listing for
Kimio Maegawa's 53.75 MHz beacon.
Receiver: IC575
Antenna: 2 element Yagi, pointed to the zenith.
Observing method: FFTDSP software, manual count.

Hourly echoes over 10 dB SNR
2000
Feb| 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23LT
Feb| 15 16 17 18 19 20 21 22 23 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14UT
--+---
1 | 17 18 25 29 15 28 42 26@23 20 11 n n n n n @7 3 3 12 13 26 41 45
2 | 26 32 56 29 27 35 34 35@12@12@16 n n n n 4 6 3 7 10 14 20 27 30
3 | 33 37 41 33 38 46 31@25@30 21 @8 n n n n n n 7 7 7 22 26 32 38
4 | 33 28 46 51 43 38 32 33@21@21 n 11 @8 7 7 8 8 4 5 5 14@18 39 32
5 | 31 58 45 47 54 57 44 29@24 32 27 21 12 9 7 4 4 2 5 9 16 31 25 48
6 | 25 44 41 51 43 34 39 52@35 27 30 23 24 21 10 13 11 7 6 9 10 24 31 31
7 | 39 37 40 24 30 27 31@21@27 22 19@21 n 7 10 7 0 4 10 6 15 29 45 46
8 | 40 41 32 46 41 32 33 43@37 23@18 12 20 33 11 11 11 5 6 12 10 26 26 38
9 | 35 44 44 48 34 32 33 24@18 8 16 n 9 8 4 4 2 2 3 2 10 23 32 34
10 | 29 24 32 50 45 35 45 48@22 14 16 n n n 7 5 9 7 6 10 17 19 15 31
11 | 29 28 37 47 52 45 43 53@39 18 25 25 9 14 10 5 5 -- 7 10 22 26 24 31
12 | -- -- -- 36 35 30@35 23@31 18 12 10 6 1 3 5 3 7 4 11 n 20 36 36
13 | 36 24 46 37 40 17 36 33@25 20 9 10 n n n n @3 5 3 9 7 23 24 29
14 | 25 40 43 44 53 45 35 42@28 18 16 10 12 5 7 12 7 6 8 10 14 31 38 24
15 | 28 52 44 44 31 39 32 23@15 36@30 24 21 n n n 4 4 7 6 13 23 38 40
16 | 20 37 48 49 48 57 54 33@38 38 34 38 25 19 12 12 4 6 8 11 11 n 17 40
17 | 33 40 47 45 38 49 45 53@48 28 18 13 15@12 n n 5 5 5 6 12 32 40 38
18 | 37 37 54 43 46 44 46 33@54 24@24@10 12 29 3 6 10 4 5 10 7 26 32 25
19 | 24 23 18 29 45 46 42 42 n 18 n 6 12 11 n n n n 11 9 18 38 31 26
20 | 31 40 46 45 40 43 50 28@51 43 36 29 25 n 9 9 4 5 8 4 9 14 26 24
21 | 13 37 38 31 27 21 30 17@17@18 n n n n n n n n @6 3 16 26 27 30
22 | 27 48 33 30 54 37 25 30@22 n 14 n n n n n 7 2 1 10 15 26 15 21
23 | 15 31 32 45 33 18 39 31@20 9 n n n n n n 3 2 6 18 17 27 35 40
24 | 41 38 35 53 43 30 52 44@47 35 38 21 11@12 n 6 11 8 0 6 18 11 16 26
25 | 17 25 34 35 40 38 49 46@23 n@19@14 n n n n n n 4 4 5 10 18 18
26 | 29 19 28 26 24 28 24 39@36 34 21@12 20 12 9 16 4 10 8 n n 24 43 38
27 | 34 47 47 37 38 47 52 37@44 33 27 25 16 7 13 10 7 8 5 8 17 12 28 29
28 | 34 52 40 33 42 46 42 34@24 32@15 12 16 12 11 7 3 4 4 5 9 e n 11
29 | 22 15 22 22 28 31 37 33@17@22 n n n n n n n n 4 n n@18 15 27
---+---
- Feb| 15 16 17 18 19 20 21 22 23 00 01 02 03 04 05 06 07 08 09 10 11 12 13
14UT Feb| 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21
22 23LT 2000

Echoes with duration > 5 s
2000

```
Feb| 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23LT
Feb| 15 16 17 18 19 20 21 22 23 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14UT
--+-------------------------------------------------------------------------
1 | 3 4 1 5 1 1 1 1
2 | 1 1 1 4 2 1
3 | 2 3 2 2 3 1 4 1 2 2
4 | 2 3 3 4 4 1 2 1 2 2
5 | 1 3 1 3 1 4 4 2 2 2 1
6 | 1 1 1 2 3 3 3 3 1 1 1 1 2
7 | 2 1 2 3 1 1 1 1
8 | 1 1 2 5 7 2 2 4 2 1 1 1 1 1
9 | 1 1 5 1 3 2 3 3
10 | 1 3 1 7 5 1 1 1 1
11 | 1 7 1 4 3 3 3 2 2 1 1
12 | 1 2 2 3 3 1
13 | 1 1 1 2 1 1 1 1
14 | 1 4 4 1 2 1 1 1
15 | 1 2 2 2 2 1 2 1 3 2 1 1 2
16 | 1 1 1 2 4 2 1 6 1
17 | 1 2 3 7 5 6 2 7 6 2 2 3 1 1 3 1
18 | 2 1 3 4 4 2 2 3 2 1 1 1 2 3 1
19 | 1 1 1 3 1 1 1 1 1 1
20 | 1 2 1 1 3 1 1 1 1 1
21 | 3 2 1 2 1 1
22 | 1 2 2 1 1 1 1 2
23 | 2 2 1 1 1 1 2 1 1
24 | 1 2 1 3 3 2 3 1 1 1 1
25 | 1 2 1 2 5 1 5 2 2 1
26 | 1 2 6 1 4 1 1 3 1 1 1
27 | 3 3 9 2 2 1 1 2 1 1 1 2 1
28 | 1 1 5 3 2 4 3 1 2 1
29 | 1 1 2 1 1 2 1 1
---+-------------------------------------------------------------------------
- Feb| 15 16 17 18 19 20 21 22 23 00 01 02 03 04 05 06 07 08 09 10 11 12 13
14UT Feb| 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21
22 23LT 2000

Daily rate of long echoes (duration > 20 s)

2000
Feb 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
-----------------------------------------------------------------
Count 0 0 1 1 1 3 1 0 0 2 3 0 0 1 1 1

Feb 17 18 19 20 21 22 23 24 25 26 27 28 29
-------------------------------------------------------
Count 2 1 1 1 0 1 2 0 4 1 0 1 1

Notes:
-: lost counts because of high noise level or machine failure.
@: hourly rate estimated by effective observation time less than 60 min.
```

n: contamination due to radio noise or interference.
e: contamination due to sporadic E opening.
f: no data available due to TX or RX failure.
LT = local time = JST = UT + 9 hours

Sadao Okamoto

Observer: Pierre Terrier
Location: Canet, France (3 36'E, 43 41' N)
Frequencies: 102.5 MHz
Transmitter Location: Several, which complicates things!
Antenna: 5-element Yagi FM, horizontal polar.
azimuth 90 deg (E), elevation 20 deg.
Receiver: FM Tuner Kenwood KT-54 L
Observing method: Electronic interface on LINE output audio signal are fed in
COM1: of Laptop 486.
METEOR v 4.0 test version processes the signal and records on
hard disk the time of the events.
METEOR parameters: SAMPLING = 120, THRESHOLD = 0.8, DELAY = 30 s

| Jan 2000
UT | 9 10 11 12 13 14 15 16
---+--------------------------------
0 | 9 17 17 7 20 13
1 | 9 16 18 6 31 11
2 | 14 22 11 4 9 11
3 | 5 17 12 7 21 11
4 | 8 24 15 6 18 13
5 | 6 18 19 5 15 15
6 | 7 23 12 5 14 9
7 | 9 23 15 10 15 17
8 | 14 10 22 13 10 9 16
9 | 13 16 17 19 11 20 23
10 | 15 15 16 13 13 12 18
11 | 22 12 25 14 8 12 12
12 | 11 9 14 18 16 15 12
13 | 12 5 17 14 18 12 19
14 | 12 9 14 13 10 12 9
15 | 4 4 5 9 10 7 5
16 | 11 4 6 3 6 5 4
17 | 9 2 6 4 2 3 4
18 | 5 2 8 1 4 1 4
19 | 1 6 5 7 3 5
20 | 4 11 11 3 2 8
21 | 6 8 4 15 7 9
22 | 6 13 17 5 12 13 8
23 | 3 17 17 4 12 11 11
---+--------------------------------
UT | 9 10 11 12 13 14 15 16
| Jan 2000

| Jan 2000
UT | 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
---+---
0 | 10 8 6 9 14 19 11 11 7 10 7 7 10 11 13
1 | 8 5 14 17 11 11 11 16 8 8 10 6 9 8 12
2 | 4 8 6 14 14 13 11 9 13 10 6 7 11 13 12
3 | 20 11 5 17 11 8 12 10 7 8 10 12 11 10 14
4 | 13 5 10 16 8 12 14 14 3 11 6 7 11 14 11
5 | 12 7 6 7 17 14 10 17 10 11 9 10 7 9 14
6 | 12 12 5 11 13 16 8 12 6 6 10 14 16 14 15
7 | 4 4 7 12 19 13 10 7 10 7 10 5 12 11 14
8 | 10 4 9 22 16 10 17 11 16 8 12 10 12 15 14
9 | 14 10 8 15 11 8 5 12 15 9 10 8 9 9 16
10 | 11 17 12 11 10 7 12 11 9 9 10 8 7 15 17
11 | 16 10 10 18 11 18 11 10 11 11 6 12 12 11 16
12 | 7 14 14 7 5 20 9 10 14 7 10 5 4 11 11
13 | 6 13 10 15 11 23 8 13 11 9 7 2 3 5 13
14 | 11 12 10 13 6 12 6 5 8 4 2 4 4 7 10
15 | 3 12 4 5 6 7 6 2 2 6 7 3 4 6 23
16 | 5 4 7 8 3 6 4 2 0 0 4 8 6 0 2
17 | 4 2 4 2 4 1 4 4 3 3 2 3 2 5 4
18 | 3 4 4 2 5 4 2 1 3 6 3 6 10 3 6
19 | 2 10 2 4 4 4 3 4 4 0 2 4 5 4 3
20 | 4 7 5 10 4 8 5 4 4 2 4 3 4 10 5
21 | 12 6 6 9 5 5 4 3 7 5 3 3 9 16 6
22 | 10 6 8 8 10 5 3 9 7 7 6 7 9 5 9
23 | 12 16 5 11 8 7 4 11 7 13 9 13 15 10 10
---+---
UT | 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
| Jan 2000

Pierre Terrier

Observer: Garfield Tsao (BM2EQB)
Location: LonTan Observatory
LonTan, TauYan, Taiwan R.O.C. (121 14'37" E, 24 52'54" N by GPS)
Frequency: 50.0169 MHz USB mode 3 kHz width.
Antenna: Comet made 50 MHz Yagi HB 4 element (gain 10.3 dBi)
astronomical azimuth 225 deg (=NE), elevation 7 deg.
Transmitter: MIYAZAKI University Japan, USB mode, 50 W (24 hours),
distance about 1125 km from Lon Tan.
Receiver: Icon PCR-1000 computer controlled all band receiver
Sensitivity: 0.25 uV for 10 dB S/N for USB mode
Observing method: the beacon 880 Hz voice signal (by FFTDSP) is
received by a low frequency filter (880 Hz)and fed into
the D/A converter and computer in real time.
Data sampling system: using an 8 bits A/D card to PC/AT and Qbasic program
with 1/8 second sampling interval to store the> 1.0 s reflections.

January 2000

```
2000|00h01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23LT
Jan|16h17 18 19 20 21 22 23 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15UT
----+-----------------------------------------------------------------------
1 | - - - - - - - - - - - - - - - 29 21 16 10 8 13 9 9 13 20
2 |39 40 48 38 50 58 54 61 90149 88 46 39 45 - - - - - - - - - -
8 | - - - - - - - - - - - - - - - 28 19 10 9 9 6 7 7 4 6 6
9 | 4 7 13 10 11 41 45 53 52 56 43 11 48 37 27 19 15 - - - - - - -
-----------------------------------------------------------------------------
15 | - - - - - - - - - - - - - - - - - - - - - - - - - - - 14 17
16 |19 24 31 31 24 34 33 28 33 34 31 23 27 14 10 - - - - - - - - -
22 | - - - - - - - - - - - - - - - - - - - - - - 10 5 14 14 17 18 21
23 |17 26 19 18 14 20 15 20 30 89 80 63 49 28 - - - - - - - - - -
```

Notes:
. "Es" mark= E layer propagation and E layer sporadic of reflection.
. Quadrantids meteor shower on Jan 1/2. There were many very
strong (>20 dB) and long duration echoes(>60 s):

Jan 2 00h27m echo > 20 dBi
01h27m echo > 20 dBi
05h21m echo > 20 dBi
05h31m40s echo > 20 dBi
10h42m echo > 20 dBi
10h49m echo >120 s
12h03m echo > 25 dBi
13h50m echo > 20 dBi
13h50m echo > 60 s

Garfield Tsao

2. ABOUT THE RMOB

The RMOB is an independent initiative of some workers in the field of radio meteor scatter observations and data reduction. It started in August 1993 in order to spread rapidly the Perseid results via E-mail. Since then, it has appeared monthly, and it has gradually been expanded. In regularly publishing summaries of observations, potential radio observers are kept up to date of existing installations, possibilities and limitations of radio meteor observations. In the long run, there should be sufficient observing stations to cover the whole globe, allowing to detect stream outbursts which may remain unnoticed visually.

RMOB contains typically: summaries of recent observations, equipment data, first results of stream activity by radio methods, relations between radio and optical meteors, references to other publications in the field of meteor astronomy and radio scatter techniques, announcements of meetings, short questions and answers, non-commercial (second hand) sale of radio equipment, available software.

Contributors are mentioned, and interested persons are asked to contact them directly.

RMOB can be copied freely in unabridged and unmodified form. Extracts should indicate the source (Radio Meteor Obs Bulletin, month and year).

If you want to subscribe (or un-subscribe) to the E-mail distribution list,
please send a message to C. Steyaert.
Those not having access to E-mail can obtain a printed copy free of charge
from J. Van Wassenhove (current or back-issues).

3. ANNOUNCEMENT: French mailing list

To subscribe to the METEOR soft user list, go to:

http://club.voila.fr/list/meteor

and you will get an identification form. Choose the link

"New users: subscribe here/Nouveaux utilisateurs: inscrivez-vous ici"

and follow the instructions.

Pierre Terrier

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E-mail home: oh5iy@sci.fi
http://www.sci.fi/~oh5iy/
Call: OH5IY, packet radio: OH5IY@OH5RBG.#KVL.FIN.EU

--
Christian Steyaert (RMOB0002) 7 March 2000
--

725. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-08 00:00:00 UTC
From: gdfthr768@aol.com
Message-ID: <20000307201519.01551.00000862@ng-cb1.aol.com>
Source record: 10009
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

>I decided not to turn in my badge before April 15th because I might still
>be able to help test someone who wants to be a real ham.
>
Oh, gee whiz, a boon from on high... don't do me any favours.
You started this thread, so I guess you had to bring it back up, although it's been dead for a while. To add to your quitter's post of a month ago, you now state that you WON'T wimp out as early as you first said, and then say that any amateur who gets licensed after the April changeover cannot be a "real ham".
I shudder to think of what kind of help you'd be giving to a prospective amateur... "Listen, sonny, when YOU get your license, you'll be better than anyone who gets it after April... YOU'LL be the next generation of highbrow elite who baselessly feel they are better than the other guy and never let a chance go by to say so, whether it's appropriate or not, either on the air or on the 'Net."
I'd have hoped you decided not to quit because you rethought the absurdity of your whining, but I guess you're sticking around to make it worse.
Oh well, que sera, sera...
Mike

726. Re: Clipperton Satellite QSO's ??

Newsgroup: rec.radio.amateur.space
Date: 2000-03-08 00:00:00 UTC
From: afranco@rc.mayfield.hp.com
Message-ID: <8a4ka6$r4f$1@nnrp1.deja.com>
Source record: 10010

Hi Steve,

Checkout the DX Summit, there are a few logged there under "satellite"

http://oh2aq.kolumbus.com/dxs/

73,

Antonio
(sorry didnt work them myself.. constant rain prevented me from
working on antennas :-(..).

In article <38c53636_1@news.continet.com>,
"Steve" <ai7w@NoSpam.com> wrote:
> Who actually worked these guys on satellite?
> Steve
>
> >March 7, 2000
> >
> >The Clipperton team indicated that last night they have reached
60,386 Qs.
> >
> >They will be on 30 Meters (XMIT 10105) for the next 12-14 hours
starting
> >around 0500-0600Z.
> >
> >Unfortunately they will begin to tear down stations tomorrow leaving
2CW
> and
> >2SSB stations on the air. Additionally, satellite Qs were made today
on
> >
> ^^
> >AO-10. They indicated that their satellite and RTTY stations will be
> >^^^^^^^
> >disassembled around 1500Z (3/7).
> >
> >This may be the last bulletin regarding the team on Clipperton.
> >We will provide status of the Shogun on its return trip to San Diego.
> >
> >The support team for the Clipperton2000 Expedition congratulates the
> >Clipperton team for an outstanding job."
> >
> >All details about Clipperton 2000 http://www.qsl.net/clipperton2000
> >
> >Clipperton2000 Pilots

> >W2IJ pcb4u@earthlink.net (ALL BUT EUROPE)
> >PA1AW pa1aw@qsl.net (EUROPE ONLY)
>
>

Sent via Deja.com http://www.deja.com/
Before you buy.

727. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-08 00:00:00 UTC
From: ohlibby555@aol.com
Message-ID: <20000307233917.14597.00000839@ng-ce1.aol.com>
Source record: 10011
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

I decided not to turn in my badge before April 15th because I might still
be able to help test someone who wants to be a real ham.>>

No, laddy. Better that you quit and go hang with your superaged friends in
your little corner of HF heaven, as far away from the rest of us as you can
get, and keep to your daily discussions of hemorroids and the rising cost of
nursing care. In a few years you and your kind will be too senile to work a
key anyway. Can't wait.

Ten-Four, good buddy, catcha on the skip.

728. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-08 00:00:00 UTC
From: Keith Wood <kw@bctv.com>
Message-ID: <38C5DE6E.D2427393@bctv.com>
Source record: 10012
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Don Edwards wrote:
>
> Yep, K4SEX belongs to a radio club in Newnan, GA

So, Southern hospitality includes group SEX?

729. HAMFEST - INDOOR HAMFEST - HAMFEST

Newsgroup: rec.radio.amateur.space
Date: 2000-03-08 00:00:00 UTC
From: Paul & Cindy Loiero <kissn1fi@javanet.com>
Message-ID: <38C5EBEA.EA516FBB@javanet.com>
Source record: 10013

Less than 1 WEEK away... Weather forecasted to be good.
MARK YOUR CALENDAR THE LARGEST INDOOR HAMFEST IN WESTERN NEW ENGLAND -
the Mount Tom Amateur Repeater Assoc. 15th Annual
Hamfest/Flea Market will be held on SUNDAY, MARCH 12, 2000 at the
Blessed Sacrament Parish Center, 127 Holyoke Road, Westfield
Massachusetts. Doors open at 7:00 AM for Vendors, 9:00 AM for Bargain
Hunters. Tables $15, Tailgating $5. General admission $4 per person,
under age 12 FREE. Amateur and commercial licensing sessions at 10:00
AM ----- Talk-in on the 146.94 W1TOM repeater. Snack Bar, Handicapped
Parking, Raffle prizes, NO Stairs, 120 VAC available, help loading and
unloading!!! For more info, contact Cindy, K1ISS at (413)568-1175 or
kissn1fi@javanet.com . Visit our web site at www.mtara.org

730. Re: P3D Preparation

Newsgroup: rec.radio.amateur.space
Date: 2000-03-08 00:00:00 UTC
From: Ron <jpettingill@compuserve.com>
Message-ID: <8a5p3q$k29$1@nnrp1.deja.com>
Source record: 10014

In article <slrn8cajua.b3d.nomail@linux.pe1chl.ampr.org>,
nomail@rob.knoware.nl (Rob Janssen) wrote:
> Ron <jpettingill@compuserve.com> wrote:
> > Im looking for an analog sat tracking program in preparation for
P3D.
> >Currently Im using The Station which works quite well, but Im looking
> >for other alternatives.
>
> When you are going to use P3D for voice QSO's, you probably are not
going
> to need doppler control. That is primarily useful for semi-automatic
> operation on single-channel systems (like pacsats).
>
> Rob
>

Thanks Rob and others for the replies
-- I guess I should have thrown in the fact that I was intending to
also work the analog sats like AO-27 , uo-14, SO-35 and the like.
Several years ago I used to work a lot of AO 10 and 13 (cw).

Ron Pettingill N7RN
> +---------------------------------+---------------------------------
----+
> | Rob Janssen pe1chl@amsat.org | WWW:
http://www.knoware.nl/users/rob |
> | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS:
PE1CHL@PI8WNO.#UTR.NLD.EU |
> +---------------------------------+---------------------------------
----+
>

--
Ron Pettingill

Sent via Deja.com http://www.deja.com/
Before you buy.

731. Re: Which sat tracking program

Newsgroup: rec.radio.amateur.space
Date: 2000-03-08 00:00:00 UTC
From: jeffg6570@my-deja.com
Message-ID: <8a69f0$1bh$1@nnrp1.deja.com>
Source record: 10015

Alisa,

Have you had an opportunity to compare the accuracy of Orbmaster to other programs such as STSPLUS, LOGSAT, NOVA, etc? Also, if you are using the registered version, how much does it cost. I couldn't find that information on their website.

Thanks

Jeff Gibson, KB0DSH

In article <38c09458.8106732@news.earthlink.net>, askensey@earthlink.net wrote:
> This may seem silly, but it has burned me several times with other
> programs: make sure that both programs are using the same time zone.
> Some programs default to local time, and others to GMT time, and if
> your two programs don't use the same standard, then they'll give you
> different predicts.
>
> Also, I would suggest you take a look at OrbMaster as an alternative
> to the programs you've already seen. The shareware version is at
>
> http://www.pond.com/~ssp
>
> Good luck
> Alisa
>
> On Fri, 25 Feb 2000 21:36:42 +0100, "peter"
> <peter.van.den.bos@hetnet.nl> wrote:
>
> >I hope some one can help me.
> >
> >I live in Europe and I'd like to restart my hobby working with sat's with 2m
> >uplink and 10 mtr down. I found a program called STSplus and Win orbit. The
> >funny thing is both program give a different tracking for the same sat at
> >the same time? How can I be sure. Please can anyone help me out in helping
> >configuring the programs?
> >
> >Thanks for your response to:
> >
> >pvdbos@hetnet.nl (PE1KEV)

> >
> >
> >
> >
>
>

Sent via Deja.com http://www.deja.com/
Before you buy.

732. Re: M2 Eggbeater Antennas

Newsgroup: rec.radio.amateur.space
Date: 2000-03-08 00:00:00 UTC
From: John - VE7JDB <johndb@dbtechnet.com>
Message-ID: <952553110.773729@news2.islandnet.com>
Source record: 10016

Would 2m & 70cm Eggbeater antennas work for the new Phase 3 in SSB mode?
If so, it would save me a couple of thousand dollars that I would otherwise
have to spend for directional antennas and AZ/EL rotator.
Just curious.

John den Boer (VE7JDB)

johndb@ANTISPAMdbtechnet.com
remove ANTISPAM for real e-mail address.

njvets <njvets@skyweb.net> wrote in message
news:_MSw4.1780$yV1.413439@tw11.nn.bcandid.com...
>
> njvets <njvets@skyweb.net> wrote in message news:...
> > I have used one for about 4 years now. It is a fine antenna that does
> > exactly what it is supposed to do. On the Mode A birds, it can't be
beat.
> > No need to track the sat with a beam for a real good uplink or downlink
> > signal. I have also had good results on terrestrial SSB work. I
> primarily
> > use it now on 137Mhz WXSAT work, where it is just superb.
> > Hows that for an opinion?
> > Jim
> > Jerry M <jmagnani@jps.net> wrote in message
> news:3891307e_2@news.jps.net...
> > > Does anyone have experience with the M2 eggbeater antennas for 2 meter
> and
> > > 70 cm?
> > >
> > >
> >
> >
>
>

733. Re: A couple questions, I'll be upgrading to Extra class in April :-)

Newsgroup: rec.radio.amateur.space
Date: 2000-03-08 00:00:00 UTC
From: cb@11meters.com
Message-ID: <8a6kkp$nd5$1@nntp9.atl.mindspring.net>
Source record: 10017
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner

Thanks for the info Cecil. I'll talk to you again tonight on 11 meters. You can give me a signal report on my new CB and amplifier. Your echo-mic sounded great last night.

CU later.

In article <38C184C9.2A6A52CF@IEEE.org>, W6RCecilA <Cecil.A.Moore@IEEE.org> wrote:

>> What diode do I need to cut and what do diodes
>> look like?
>
>You didn't say what kind of hf radio you have. Modification
>instructions can be found on http://www.qrz.com

734. What Antennas Should I Buy ?

Newsgroup: rec.radio.amateur.space
Date: 2000-03-08 00:00:00 UTC
From: Jeff Grey <cdma77@aol.com>
Message-ID: <38C6D91A.133B@aol.com>
Source record: 10018

Dear All,

I am in the process of setting up a satellite station. I will be starting with FM based satellites like AO-14 & Sunsat. I will be in the future going to multimode, ssb, cw, etc. What antennas should I buy ? Should I go with the Arrow antenna for now and then buy some a 70cm & 2mtr antenna that supports cross polarization for future ?

Thanks,

Jeff
N8EIP

735. Re: A couple questions, I'll be upgrading to Extra class in April :-)

Newsgroup: rec.radio.amateur.space
Date: 2000-03-08 00:00:00 UTC
From: W6RCecilA <Cecil.A.Moore@IEEE.org>
Message-ID: <38C6F01F.86BE9512@IEEE.org>
Source record: 10019
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner

charlie bravo wrote:
> Thanks for the info Cecil. I'll talk to you again tonight on 11 meters. You
> can give me a signal report on my new CB and amplifier. Your echo-mic sounded
> great last night.

You were off frequency last night. Remember to set your display to 27.225 MHz.
--
73, Cecil, W6RCA http://www.mindspring.com/~w6rca

736. Cecil W6RCA runs echo!

Newsgroup: rec.radio.amateur.space
Date: 2000-03-08 00:00:00 UTC
From: AB7RS <tglenn@imt.net>
Message-ID: <38C6F6CB.29A6@imt.net>
Source record: 10020
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner

I LOVVVVE it.

charlie bravo wrote:
>
> Thanks for the info Cecil. I'll talk to you again tonight on 11 meters. You
> can give me a signal report on my new CB and amplifier. Your echo-mic sounded
> great last night.
>
> CU later.
>
> In article <38C184C9.2A6A52CF@IEEE.org>, W6RCecilA <Cecil.A.Moore@IEEE.org>
> wrote:

737. trade kenwood

Newsgroup: rec.radio.amateur.space
Date: 2000-03-09 00:00:00 UTC
From: Edwardc@thezone.net
Message-ID: <38c7276b.33584288@news.thezone.net>
Source record: 10021

i wanna trade a tm kenwood 261 a two meter mobile
new only 2 months old still have bill and in miint condition reason
for selling i want a digital camera i wanna trade for a digital
camera. any one interested. in trading. i have pictures of the radio
if your interested it got 5 25 50 watts both newmeric and alpha
newmeric readout dial pad mike. and many features auto dial
stores up to sixty channels stores up to 20 phone numbers i thinks.
has many options i can list them all. but realy nice radio. i use it
as a base so never bounced around in car. never hooked up in car.
if interested eamil me i need a digital camera for my comepuer. please
respond with offers.

738. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-09 00:00:00 UTC
From: Rickhit@worldnet.att.net
Message-ID: <38c85631.21071692@netnews.worldnet.att.net>
Source record: 10022
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

```
>>
>> "Vince Fiscus, KB7ADL" wrote:
>> >
>> > I'm an ARRL accredited examiner, but not for long. I Canceled my League
>> > membership in August, and I won't give exams under the new system. I'm
>> > turning in my Badge.
>> >
>> > Anyone else have the guts to join me?
>> >
>> > 73 de KB7ADL
>>
Good Riddance

Rick KC2ESD
```

739. Boeing loses space station parts (news story)

Newsgroup: rec.radio.amateur.space
Date: 2000-03-09 00:00:00 UTC
From: ds0007@medtronic.COM
Message-ID: <8a8h45$5f5$1@gazette.corp.medtronic.com>
Source record: 10023

Almost on topic, but is really funny...

http://dailynews.yahoo.com/h/ap/20000303/sc/space_station_trash_1.html

Science Headlines

Friday March 3 2:55 PM ET

Workers Seek Space Station Parts

HUNTSVILLE, Ala. (AP) - Boeing Co. workers unsuccessfully combed a
Huntsville landfill looking for two mistakenly discarded parts of
the international space station valued at $750,000.

The nitrogen and oxygen tanks used by astronauts were never found
despite a ``pretty intense search,'' said Boeing spokesman Jim Keller.

[...]

Dale Skiba
W0BOT

740. Re: Boeing loses space station parts (news story)

Newsgroup: rec.radio.amateur.space
Date: 2000-03-09 00:00:00 UTC
From: Jeff Grey <cdma77@aol.com>
Message-ID: <38C81DF6.4B35@aol.com>
Source record: 10024

Dale M. Skiba wrote:
>
> Almost on topic, but is really funny...
>
> http://dailynews.yahoo.com/h/ap/20000303/sc/space_station_trash_1.html
>
> Science Headlines
>
> Friday March 3 2:55 PM ET
>
> Workers Seek Space Station Parts
>
> HUNTSVILLE, Ala. (AP) - Boeing Co. workers unsuccessfully combed a
> Huntsville landfill looking for two mistakenly discarded parts of
> the international space station valued at $750,000.
>
> The nitrogen and oxygen tanks used by astronauts were never found
> despite a ``pretty intense search,'' said Boeing spokesman Jim Keller.
>
> [...]
>
> Dale Skiba
> W0BOT
DOOAHHH!!!!

741. Re: Clipperton Satellite QSO's ??

Newsgroup: rec.radio.amateur.space
Date: 2000-03-09 00:00:00 UTC
From: Clifford Buttschardt <cbuttsch@slonet.org>
Message-ID: <Pine.GSO.3.95.1000309165328.9721B-100000@oso.slonet.org>
Source record: 10025

The satellite effort was just a token. They really could care less about
the number of "Q"'s via AO-10!

On Tue, 7 Mar 2000, Steve wrote:

> Who actually worked these guys on satellite?
> Steve
>
> >March 7, 2000
> >
> >The Clipperton team indicated that last night they have reached 60,386 Qs.
> >
> >They will be on 30 Meters (XMIT 10105) for the next 12-14 hours starting
> >around 0500-0600Z.
> >
> >Unfortunately they will begin to tear down stations tomorrow leaving 2CW
> and
> >2SSB stations on the air. Additionally, satellite Qs were made today on
> >
> ^^
> >AO-10. They indicated that their satellite and RTTY stations will be
> >^^^^^^^
> >disassembled around 1500Z (3/7).
> >
> >This may be the last bulletin regarding the team on Clipperton.
> >We will provide status of the Shogun on its return trip to San Diego.
> >
> >The support team for the Clipperton2000 Expedition congratulates the
> >Clipperton team for an outstanding job."
> >
> >All details about Clipperton 2000 http://www.qsl.net/clipperton2000
> >
> >Clipperton2000 Pilots
> >W2IJ pcb4u@earthlink.net (ALL BUT EUROPE)
> >PA1AW pa1aw@qsl.net (EUROPE ONLY)
>
>
>
>
>

742. news article: 66 Iridium satelites likely to become floating space junk

Newsgroup: rec.radio.amateur.space
Date: 2000-03-10 00:00:00 UTC
From: ds0007@medtronic.COM
Message-ID: <8ab7ln$j19$1@gazette.corp.medtronic.com>
Source record: 10026

Another almost on topic article:

http://www.usatoday.com/money/mds2.htm

Iridium users may be cut off permanently

66 satellites could be space junk if $6B system shuts down

By Kevin Maney, USA TODAY

[...]

Motorola, which built, operates and owns 18% of Iridium, is sending out the notices this week. "Unless a qualified buyer comes forward and provides additional funding by March 15," the letter says, "we do not expect Iridium service to be available after 11:59 p.m. ET on March 17."

[...]

While the system works, Iridium has fallen behind the times. It can handle only analog voice calls and pages in a market driven by digital data. Plus, land-based cellular systems have spread across almost all of the developed world, usurping the need for Iridium.

Once service is stopped, it will take time for Iridium's satellites and worldwide ground stations to be decommissioned, experts say. No one's sure when, but at some point during that process, it would be nearly impossible to restart Iridium. The 66 satellites would be left to float in space.

[I thought the Iridium satellites were capabable of induced re-entry entry. Perhaps this would be a better option. How long will it take for these satellites to re-enter on their own?]

Dale Skiba
W0BOT

743. Re: news article: 66 Iridium satelites likely to become floating space junk

Newsgroup: rec.radio.amateur.space
Date: 2000-03-10 00:00:00 UTC
From: Searoy <searoy@earthlink.net>
Message-ID: <NNay4.5836$u8.221426@newsread2.prod.itd.earthlink.net>
Source record: 10027

What other uses could they have? It seems like that much communication power could be adopted by someone for another purpose? After all, if they are just going to be floating heaps of lost money for Motorola if no one buys them, then it seems like a tiny bit of cash could be used to buy up the whole network worth $6,000,000,000 and then transfer SOME kind of data.

> 66 satellites could be space junk if $6B system shuts down
>
> By Kevin Maney, USA TODAY
>
> [...]
>
> Motorola, which built, operates and owns 18% of Iridium, is sending out
> the notices this week. "Unless a qualified buyer comes forward and
> provides additional funding by March 15," the letter says, "we do not
> expect Iridium service to be available after 11:59 p.m. ET on March 17."
>
> [...]
>
> While the system works, Iridium has fallen behind the times. It can handle
> only analog voice calls and pages in a market driven by digital data. Plus,
> land-based cellular systems have spread across almost all of the
> developed world, usurping the need for Iridium.
>
> Once service is stopped, it will take time for Iridium's satellites and
> worldwide ground stations to be decommissioned, experts say. No one's
> sure when, but at some point during that process, it would be nearly
> impossible to restart Iridium. The 66 satellites would be left to float in
> space.
>
> [I thought the Iridium satellites were capabable of induced re-entry
> entry. Perhaps this would be a better option. How long will it take
> for these satellites to re-enter on their own?]
>
> Dale Skiba
> W0BOT
>

744. Re: news article: 66 Iridium satelites likely to become floating space junk

Newsgroup: rec.radio.amateur.space
Date: 2000-03-10 00:00:00 UTC
From: Searoy <searoy@earthlink.net>
Message-ID: <CTay4.5845$u8.223785@newsread2.prod.itd.earthlink.net>
Source record: 10028

I just went to Iridium's web site, and almost died laughing.

In the upper right corner there is a little button that says "Purchase
Iridium Now." I haven't clicked it yet afraid to see what would happen...

--
*** Teach a Man to Fish ***
Searoy

Dale M. Skiba <ds0007@medtronic.COM> wrote in message
news:8ab7ln$j19$1@gazette.corp.medtronic.com...
> Another almost on topic article:
>
> http://www.usatoday.com/money/mds2.htm
>
> Iridium users may be cut off permanently
>
> 66 satellites could be space junk if $6B system shuts down
>
> By Kevin Maney, USA TODAY
>
> [...]
>
> Motorola, which built, operates and owns 18% of Iridium, is sending out
> the notices this week. "Unless a qualified buyer comes forward and
> provides additional funding by March 15," the letter says, "we do not
> expect Iridium service to be available after 11:59 p.m. ET on March 17."
>
> [...]
>
> While the system works, Iridium has fallen behind the times. It can
handle
> only analog voice calls and pages in a market driven by digital data.
Plus,
> land-based cellular systems have spread across almost all of the
> developed world, usurping the need for Iridium.
>
> Once service is stopped, it will take time for Iridium's satellites and
> worldwide ground stations to be decommissioned, experts say. No one's
> sure when, but at some point during that process, it would be nearly
> impossible to restart Iridium. The 66 satellites would be left to float
in
> space.
>
> [I thought the Iridium satellites were capabable of induced re-entry

> entry. Perhaps this would be a better option. How long will it take
> for these satellites to re-enter on their own?]
>
> Dale Skiba
> W0BOT
>

745. Re: news article: 66 Iridium satelites likely to become floating space junk

Newsgroup: rec.radio.amateur.space
Date: 2000-03-10 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8cig7v.6pv.nomail@linux.pe1chl.ampr.org>
Source record: 10029

```
Searoy <searoy@earthlink.net> wrote:
>What other uses could they have? It seems like that much communication
>power could be adopted by someone for another purpose? After all, if they
>are just going to be floating heaps of lost money for Motorola if no one
>buys them, then it seems like a tiny bit of cash could be used to buy up the
>whole network worth $6,000,000,000 and then transfer SOME kind of data.

This could be the long-awaited amateur packet radio network backbone :-)

Rob
--
+----------------------------------+-------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+-------------------------------------+
```

746. Re: news article: 66 Iridium satelites likely to become floating space junk

Newsgroup: rec.radio.amateur.space
Date: 2000-03-10 00:00:00 UTC
From: Searoy <searoy@earthlink.net>
Message-ID: <upby4.5894$u8.227496@newsread2.prod.itd.earthlink.net>
Source record: 10030

I was actually thinking about something like that.

Anybody got $1M. I figure we could buy the whole shebang.

--
*** Teach a Man to Fish ***
Searoy

Rob Janssen <nomail@rob.knoware.nl> wrote in message
news:slrn8cig7v.6pv.nomail@linux.pe1chl.ampr.org...
> Searoy <searoy@earthlink.net> wrote:
> >What other uses could they have? It seems like that much communication
> >power could be adopted by someone for another purpose? After all, if
they
> >are just going to be floating heaps of lost money for Motorola if no one
> >buys them, then it seems like a tiny bit of cash could be used to buy up
the
> >whole network worth $6,000,000,000 and then transfer SOME kind of data.
>
> This could be the long-awaited amateur packet radio network backbone :-)
>
> Rob
> --
>
+----------------------------------+--------------------------------------+
> | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob
|
> | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU
|
>
+----------------------------------+--------------------------------------+
>

747. Re: news article: 66 Iridium satelites likely to become floating space junk

Newsgroup: rec.radio.amateur.space
Date: 2000-03-11 00:00:00 UTC
From: alf sauve <alf.sauve@wcom.com>
Message-ID: <Ufiy4.24$oj.727@pm01news.wcom.com>
Source record: 10031

And as we all know, Iridium is the 77th element in the periodic table, representative of the original design of 77 satellites. While the 66th element in the table is, Dysprosium, a rare earth metal discovered by de Boisbaudrain in 1886. Dysprosium is a component of glass blowers spectacles. With due respect to professor de Boisbaudrain, it sound like it's all down the drain to me.

"Dale M. Skiba" <ds0007@medtronic.COM> wrote in message news:8ab7ln$j19$1@gazette.corp.medtronic.com...
> Another almost on topic article:
>
> http://www.usatoday.com/money/mds2.htm
>
> Iridium users may be cut off permanently
>
> 66 satellites could be space junk if $6B system shuts down
>
> By Kevin Maney, USA TODAY
>
> [...]
>
> Motorola, which built, operates and owns 18% of Iridium, is sending out
> the notices this week. "Unless a qualified buyer comes forward and
> provides additional funding by March 15," the letter says, "we do not
> expect Iridium service to be available after 11:59 p.m. ET on March 17."
>
> [...]
>
> While the system works, Iridium has fallen behind the times. It can handle
> only analog voice calls and pages in a market driven by digital data. Plus,
> land-based cellular systems have spread across almost all of the
> developed world, usurping the need for Iridium.
>
> Once service is stopped, it will take time for Iridium's satellites and
> worldwide ground stations to be decommissioned, experts say. No one's
> sure when, but at some point during that process, it would be nearly
> impossible to restart Iridium. The 66 satellites would be left to float in
> space.
>
> [I thought the Iridium satellites were capabable of induced re-entry
> entry. Perhaps this would be a better option. How long will it take

> for these satellites to re-enter on their own?]
>
> Dale Skiba
> W0BOT

748. PB and PG v.1.4 - programs for communicating with Microsat satellites

Newsgroup: rec.radio.amateur.space
Date: 2000-03-11 00:00:00 UTC
From: Bent Bagger <bentbagger@my-deja.com>
Message-ID: <8adh2h$83f$1@nnrp1.deja.com>
Source record: 10032

I have uploaded version 1.4 of PB and PG for Linux to Metalab.unc.edu.
The file
name is pbpg-1.4.tar.gz. I have placed the file and the accompanying
lsm-file in /incoming/linux. The target directory is
/pub/linux/apps/ham.
The file may also be downloaded from
ftp://ftp.amsat.org/amsat/software/Linux/pbpg-1.4.tar.gz.

The updated documentation is found in the file named README.

The following changes have been made since version 1.3:

- The programs are no longer installed SUID. This removes a security
hole that existed in previous versions.

- The build process is based on the use of the ax.25 library (ax25lib).
Use version 1.3 if you are on a version of Linus that does not
support ax25lib. If you want to remove the security hole from earlier
versions, change the two lines in Makefile that install the programs
to read:
install -g root -o root -m 0755 -s pb /usr/local/bin
install -g root -o root -m 0755 -s pg /usr/local/bin

The following is (still) believed to be an incorrectness:
- Sometimes PB will send requests for directory fills when it is not
needed. I have only seen this with AO-16 but it has been reported to
happen
with KO-25 as well.

The lsm reads as follows:

Begin3
Title: PB and PG for Linux
Version: 1.4
Entered-date: 10 MAR 2000

Description: PB and PG for Linux are program used for download from
and
upload to digital satellites (Pacsats) supporting the FTL0
protocol. This software allows you to directly communicate
with the Microsat series of satellites. It provides a
Curses (Ncurses) based user interface. It features automatic
directory fill requests and simple, rules based file
download requests.
This version of the programs will work with kernel
revisions 2.2.13 or higher.
Keywords: AX.25

Digital Satellites
Pacsat
FTL0
Amateur Radio
Author: oz6bl@amsat.org (Bent Bagger)
oz2aba@amsat.org (Peter Scott Bentsen)
and others.
Maintained-by: oz6bl@amsat.org (Bent Bagger)
Primary-site: sunsite.unc.edu /pub/linux/apps/ham/pbpg-1.4.tar.gz
Alternate-site: ftp.amsat.org /amsat/software/Linux/pbpg-1.4.tar.gz
Copying-policy: GPL.
End

Happy hamming

Bent/OZ6BL
(also oz6bl@amsat.org)

Sent via Deja.com http://www.deja.com/
Before you buy.

749. Satellite rig

Newsgroup: rec.radio.amateur.space
Date: 2000-03-11 00:00:00 UTC
From: Fred <Fredmp@megsinet.net>
Message-ID: <Opry4.454$iK5.18798@news.corecomm.net>
Source record: 10033

Dayton Hamvention is only a couple of months away. I am thinking of purchasing a rig to work the birds with.

Which ones are you using and what are the pros and cons of them. I would like a little in-put from all of you long and short time users out there as to what you really like and dislike.

Thanks

73
Fred

KE8TQ
Hams Do It With High Frequency

750. Re: A couple questions, I'll be upgrading to Extra class in April :-)

Newsgroup: rec.radio.amateur.space
Date: 2000-03-11 00:00:00 UTC
From: Oh Yeah! <maps75@pvtnetworks.net>
Message-ID: <38CA93E9.27C9@pvtnetworks.net>
Source record: 10034
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner

CB Police wrote:
>
> Please provide Mr. Hollingsworth with your call.
> "charlie bravo" <cb@11meters.com> wrote in message
> news:89ruirjdq1@nntp3.atl.mindspring.net...
> >
> > Can I use my hf radio on CB? What diode do I need to cut and what do
> diodes
> > look like?
> >
> > thanks, charlie.
> >

In your previous post you said:
W6RCA has been reported to Hollingsworth for assisting in the illegal
modification of type accepted radio equipment.

I had a tech. work on a highly modified TS-520 once, and he told me
that to clear his responsibility for working on it, was to clearly tell
me that operating the equipment on 11 meters was illigal. Now how in the
hell do you get in trouble for simply pointing the way to the mod. sheet
posted on the web? Yeah, we need more people like yourself on the air
and on the web! Crawl your dumb ass back under the rock from which you
came troll and think with your OTHER head.

751. RS-13 Telemetry Decoder available

Newsgroup: rec.radio.amateur.space
Date: 2000-03-11 00:00:00 UTC
From: Barrett Thompson <barrettthompson@mindspring.com>
Message-ID: <8ae7o8$1ac$1@slb1.atl.mindspring.net>
Source record: 10035

I've composed a quick-n-dirty perl script that decodes RS-13 telemetry (from text format) into a one-screen "dashboard" display of the channel data. You need a DOS executable version of perl (5.001) to run it. Drop me an email if you're interested in getting a copy.

--

Barrett Thompson
KE4R
barrettthompson@mindspring.com

752. RS-13 - What mode?

Newsgroup: rec.radio.amateur.space
Date: 2000-03-11 00:00:00 UTC
From: w8ijdave@aol.com
Message-ID: <20000311171108.02850.00001215@ng-fw1.aol.com>
Source record: 10036

This newsgroup has been very helpful in helping me find a satelite tracking program. I can predict when RS13 is in listening range and find it when I turn on ten meters.

Now, my question. How do you know when RS13 is using the 15 meter uplink and when it is using the two meter uplink? I should be ready to try to find my signal in the downlink, but I need to know which band to transmit on.

Thanks,

Dave W8IJ

753. Re: RS-13 - What mode?

Newsgroup: rec.radio.amateur.space
Date: 2000-03-11 00:00:00 UTC
From: Laura Halliday <va3ldh@sympatico.ca>
Message-ID: <38CACA48.3C9595DF@sympatico.ca>
Source record: 10037

W8IJ Dave wrote:
>
> This newsgroup has been very helpful in helping me find a satelite tracking
> program. I can predict when RS13 is in listening range and find it when I turn
> on ten meters.
>
> Now, my question. How do you know when RS13 is using the 15 meter uplink and
> when it is using the two meter uplink? I should be ready to try to find my
> signal in the downlink, but I need to know which band to transmit on.

The current ANS bulletin says mode KA, which is what it's been for
a very long time. Nor does it show any sign of changing.
--
Laura Halliday VA3LDH "Laisse le vent tout emporter..."
Grid: FN03gs - Foly/Viennet

754. NEED KEPS

Newsgroup: rec.radio.amateur.space
Date: 2000-03-11 00:00:00 UTC
From: ke2ls@attglobal.net
Message-ID: <38CB0F96.709CA8BC@attglobal.net>
Source record: 10038

I am using NOVA for a tracking program and need to find where I can down
load current KEPS. The NOVA uses a file called KEPS.TXT. Are KEPS
that I download in a format that NOVA can use ?

Thanks
Paul
KE2LS

755. Re: A couple questions, I'll be upgrading to Extra class in April :-)

Newsgroup: rec.radio.amateur.space
Date: 2000-03-12 00:00:00 UTC
From: Keith Wood <kw@bctv.com>
Message-ID: <38CBE367.98EF0C5E@bctv.com>
Source record: 9899
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner

charlie bravo wrote:
>
> > Can I use my hf radio on CB?

Only if you are a 20 WPM Extra. Of the several HF rigs I've owned since the Novice Enhancements, every one of those which came from an Extra had been modified to run CB or other unlawful freqs. In one case, an estate sale, I had to buy replacement crystals to modify the radio BACK to ham (the 10m band had been changed to 11m), and his widow said that that was the only radio he ever used.

756. Re: news article: 66 Iridium satelites likely to become floating space junk

Newsgroup: rec.radio.amateur.space
Date: 2000-03-12 00:00:00 UTC
From: "Richard L. Tannehill, P.E." <rickw7rt@firstinter.net>
Message-ID: <38CBE93B.33F5@firstinter.net>
Source record: 9900

Dale M. Skiba wrote:
> Another almost on topic article:
>
> http://www.usatoday.com/money/mds2.htm
>
> Iridium users may be cut off permanently
>
> 66 satellites could be space junk if $6B system shuts down
>
> By Kevin Maney, USA TODAY
>
> [...]
>
> Motorola, which built, operates and owns 18% of Iridium, is sending out
> the notices this week. "Unless a qualified buyer comes forward and
> provides additional funding by March 15," the letter says, "we do not
> expect Iridium service to be available after 11:59 p.m. ET on March 17."
>
> [...]
>
> While the system works, Iridium has fallen behind the times. It can handle
> only analog voice calls and pages in a market driven by digital data. Plus,
> land-based cellular systems have spread across almost all of the
> developed world, usurping the need for Iridium.
>
> Once service is stopped, it will take time for Iridium's satellites and
> worldwide ground stations to be decommissioned, experts say. No one's
> sure when, but at some point during that process, it would be nearly
> impossible to restart Iridium. The 66 satellites would be left to float in
> space.
>
> [I thought the Iridium satellites were capabable of induced re-entry
> entry. Perhaps this would be a better option. How long will it take
> for these satellites to re-enter on their own?]
>
> Dale Skiba
> W0BOT

The news release I saw said that once the system shut down, the
satellites would be de-orbited; a nice term for "sent burning up into
the atmosphere".

Rick T.
W7RT

757. Re: A couple questions, I'll be upgrading to Extra class in April :-)

Newsgroup: rec.radio.amateur.space
Date: 2000-03-12 00:00:00 UTC
From: W6RCecilA <Cecil.A.Moore@IEEE.org>
Message-ID: <38CBF3FB.D2F9642F@IEEE.org>
Source record: 9901
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner

Jeffrey S Austin wrote:
> You could have made a call on the Maritime Net for help.

Doubt it. The lowest frequency I could transmit on was 17m
and it was 2am in the morning, long before the sunspot cycle
started to improve.
--
73, Cecil, W6RCA http://www.mindspring.com/~w6rca

758. KENWOOD AND GE: RADIOS

Newsgroup: rec.radio.amateur.space
Date: 2000-03-12 00:00:00 UTC
From: Joe F <nils@voyager.net>
Message-ID: <38cc15bb$0$1387@news.voyager.net>
Source record: 9902

I Need ANY and ALL MODIFICATIONS for the Kenwood TM D700A model radio and
any manuals for the GE: Ranger series with the delta head using S825 Control
Unit v.4.0 software.

PLEASE HELP ME!!!!!!!!!

Thanks
Joe F
nils@voyager.net

759. Re: KENWOOD AND GE: RADIOS

Newsgroup: rec.radio.amateur.space
Date: 2000-03-12 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8co8sb.r97.nomail@linux.pe1chl.ampr.org>
Source record: 9903

Joe F <nils@voyager.net> wrote:
>I Need ANY and ALL MODIFICATIONS for the Kenwood TM D700A model radio and

How about this one:

To modify radio into useless piece of charcoal: apply sufficiently high
supply voltage.

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

760. !!!!!!Can anyone Help me fix my Kenwood or GE??

Newsgroup: rec.radio.amateur.space
Date: 2000-03-12 00:00:00 UTC
From: Joe F <nils@voyager.net>
Message-ID: <38cc5bde$0$19364@news.voyager.net>
Source record: 9904
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.space

I Need ANY and ALL MODIFICATIONS for the Kenwood TM D700A model radio and any manuals for the GE: Ranger series with the delta head using S825 Control Unit v.4.0 software.

PLEASE HELP ME!!!!!!!!!

Thanks
Joe F
nils@voyager.net

761. Re: Satellite rig

Newsgroup: rec.radio.amateur.space
Date: 2000-03-12 00:00:00 UTC
From: Jeff Grey <cdma77@aol.com>
Message-ID: <38CC66CE.45F3@aol.com>
Source record: 9905

Fred wrote:
>
> Dayton Hamvention is only a couple of months away. I am thinking of
> purchasing a rig to work the birds with.
>
> Which ones are you using and what are the pros and cons of them. I would
> like a little in-put from all of you long and short time users out there as
> to what you really like and dislike.
>
> Thanks
>
> 73
> Fred
>
> KE8TQ
> Hams Do It With High Frequency

Fred,

You need to change your motto to: "Hams do it with very, ultra & giga frequency"

762. WTB: FT-726R Module

Newsgroup: rec.radio.amateur.space
Date: 2000-03-12 00:00:00 UTC
From: Jeff Grey <cdma77@aol.com>
Message-ID: <38CC7E46.1248@aol.com>
Source record: 9906

Looking for 70cm satellite module for FT-726R

Jeff
N8EIP

763. ACTIVATION

Newsgroup: rec.radio.amateur.space
Date: 2000-03-12 00:00:00 UTC
From: arvm <arvm@mail.telepac.pt>
Message-ID: <8afs5f$ub5$1@duke.telepac.pt>
Source record: 9907

ACTIVATION
A.R.V.M. Aldeia da Luz
Date: 18 / 19 March
SPECIAL CALL: CQ7LUZ
ITU37 IM58HI
Freq&#65533;s: 40M * 14.195Mhz * 21.295Mhz * 28.695Mhz * 145.350Mhz * 434.350Mhz
http://www.qsl.net/arvm/aldeiadaluz/
73&#65533;s

- -
-

764. Re: A couple questions, I'll be upgrading to Extra class in April :-)

Newsgroup: rec.radio.amateur.space
Date: 2000-03-12 00:00:00 UTC
From: Hamish Moffatt <hamish@rising.com.au>
Message-ID: <8afiaa$17jq$2@arachne.labyrinth.net.au>
Source record: 10039
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner

In rec.radio.amateur.space Oh Yeah! <maps75@pvtnetworks.net> wrote:
> In your previous post you said:
> W6RCA has been reported to Hollingsworth for assisting in the illegal
> modification of type accepted radio equipment.

No modification of type accepted radio equipment has occurred or was suggested. The problem is that for it to be used on CB it needs that acceptance, not the other way around.

73

hamish

765. Re: M2 Eggbeaters

Newsgroup: rec.radio.amateur.space
Date: 2000-03-12 00:00:00 UTC
From: Jeffrey S Austin <w8jsa@exis.net>
Message-ID: <38CC0FB9.9BC40056@exis.net>
Source record: 10040

Pat Cox wrote:

> Anyone had any experience with the 145/435 eggbeater antennas by M2.
> Particularly interested in FO-20/FO-29 results using these antennas.
> Thanks. Pat K4AVO

Pat-
I've had both of them for about four years now including going to Field Day. I'm very happy with them.

-73s de jeff w8jsa@amsat.org

766. Re: Good Sat Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-03-12 00:00:00 UTC
From: Jeffrey S Austin <w8jsa@exis.net>
Message-ID: <38CC10C6.72532FB5@exis.net>
Source record: 10041

Henry wrote:

> I just cant come up with the dollars for an IC-821 are there any other
> good satelite rigs out there that I can get started with?
> Thanks,
> Henry

Henry-
Quite a few of the birds are FM, check in to a good dual bander that has
twin VFOs.

-73s de jeff@amsat.org

767. Re: A couple questions, I'll be upgrading to Extra class in April :-)

Newsgroup: rec.radio.amateur.space
Date: 2000-03-12 00:00:00 UTC
From: Jeffrey S Austin <w8jsa@exis.net>
Message-ID: <38CC11A1.FA8BD968@exis.net>
Source record: 10042
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner

charlie bravo wrote:

> Can I use my hf radio on CB? What diode do I need to cut and what do diodes
> look like?
>
> thanks, charlie.

No.

768. Re: A couple questions, I'll be upgrading to Extra class in April :-)

Newsgroup: rec.radio.amateur.space
Date: 2000-03-12 00:00:00 UTC
From: Jeffrey S Austin <w8jsa@exis.net>
Message-ID: <38CC1283.D25670C2@exis.net>
Source record: 10043
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner

W6RCecilA wrote:

> Michael P. Deignan wrote:
> >
> > W6RCecilA <Cecil.A.Moore@IEEE.org> wrote in message
> > news:38C184C9.2A6A52CF@IEEE.org...
> > > charlie bravo wrote:
> > > > Can I use my hf radio on CB?
> > >
> > > Not legally.
> >
> > Since when has that little "fact" bothered you, Cecil old boy?
>
> You're right, Michael, I should have said, not legally except
> for emergencies. I actually have never used my ham transceiver
> on the CB bands. I "confessed" because I knew it would drive
> Dick right up the wall. I had my emergency blinkers on and was
> considering using my IC-706 on CB when a kind motorist pulled
> over to see if he could help. If someone had not stopped to help
> me, I probably would have tried using my IC-706 on a CB frequency
> since I didn't have a CB radio with me at the time and I was
> out of range of any 2m repeater.
> --
> 73, Cecil, W6RCA http://www.mindspring.com/~w6rca

Cecil-
You could have made a call on the Maritime Net for help.

769. Re: IC706MK2G Suitable for satellite work?

Newsgroup: rec.radio.amateur.space
Date: 2000-03-12 00:00:00 UTC
From: Jeffrey S Austin <w8jsa@exis.net>
Message-ID: <38CC1371.39428E8F@exis.net>
Source record: 10044

Clifton Turner wrote:

> Any one have experience using the Icom 706MK2G on the satellites?
> There is $200-$300 difference between it and the FT847. Is the FT847
> that much better?
>
> ANY feedback is welcome.
> Clifton

Yes, it does. I'm considering it for mobile sat use.

-73s de jeff@amsat.org

770. Re: news article: 66 Iridium satelites likely to become floating space junk

Newsgroup: rec.radio.amateur.space
Date: 2000-03-12 00:00:00 UTC
From: Jeffrey S Austin <w8jsa@exis.net>
Message-ID: <38CC1584.5A1BCDEB@exis.net>
Source record: 10045

"Dale M. Skiba" wrote:

> Another almost on topic article:
>
> http://www.usatoday.com/money/mds2.htm
>
> Iridium users may be cut off permanently
>
> 66 satellites could be space junk if $6B system shuts down
>
> By Kevin Maney, USA TODAY
>
> [...]
>
> Motorola, which built, operates and owns 18% of Iridium, is sending out
> the notices this week. "Unless a qualified buyer comes forward and
> provides additional funding by March 15," the letter says, "we do not
> expect Iridium service to be available after 11:59 p.m. ET on March 17."
>
> [...]
>
> While the system works, Iridium has fallen behind the times. It can handle
> only analog voice calls and pages in a market driven by digital data. Plus,
> land-based cellular systems have spread across almost all of the
> developed world, usurping the need for Iridium.
>
> Once service is stopped, it will take time for Iridium's satellites and
> worldwide ground stations to be decommissioned, experts say. No one's
> sure when, but at some point during that process, it would be nearly
> impossible to restart Iridium. The 66 satellites would be left to float in
> space.
>
> [I thought the Iridium satellites were capabable of induced re-entry
> entry. Perhaps this would be a better option. How long will it take
> for these satellites to re-enter on their own?]
>
> Dale Skiba
> W0BOT

Here's just an idea . . . can they be reprogrammed for ham sat use?

771. Re: Satellite rig

Newsgroup: rec.radio.amateur.space
Date: 2000-03-12 00:00:00 UTC
From: Jeffrey S Austin <w8jsa@exis.net>
Message-ID: <38CC160F.9A1972D4@exis.net>
Source record: 10046

Fred wrote:

> Dayton Hamvention is only a couple of months away. I am thinking of
> purchasing a rig to work the birds with.
>
> Which ones are you using and what are the pros and cons of them. I would
> like a little in-put from all of you long and short time users out there as
> to what you really like and dislike.
>
> Thanks
>
> 73
> Fred
>
> KE8TQ
> Hams Do It With High Frequency

Fred-
Find yourself an ICOM IC-970 . . . ask the man who owns one.

-73s de jeff@amsat.org

772. Re: NEED KEPS

Newsgroup: rec.radio.amateur.space
Date: 2000-03-12 00:00:00 UTC
From: Jeffrey S Austin <w8jsa@exis.net>
Message-ID: <38CC1681.D7E4BB23@exis.net>
Source record: 10047

ke2ls@attglobal.net wrote:

> I am using NOVA for a tracking program and need to find where I can down
> load current KEPS. The NOVA uses a file called KEPS.TXT. Are KEPS
> that I download in a format that NOVA can use ?
>
> Thanks
> Paul
> KE2LS

www.amsat.org

773. F6KEH HAM RADIO RELAY SITE

Newsgroup: rec.radio.amateur.space
Date: 2000-03-12 00:00:00 UTC
From: f5lcy <f5lcy@wanadoo.fr>
Message-ID: <8agjd1$jc9$4@wanadoo.fr>
Source record: 10048

This site has been updated

http://members.xoom.com/_XMCM/softelecom/index_r.htm

774. PB and PG v.1.4 - Linux programs for communicating with Microsat satellites

Newsgroup: rec.radio.amateur.space
Date: 2000-03-13 00:00:00 UTC
From: Bent Bagger <bentbagger@my-deja.com>
Message-ID: <8ai6mr$am0$1@nnrp1.deja.com>
Source record: 9908

I have uploaded version 1.4 of PB and PG for Linux to Metalab.unc.edu.
The file
name is pbpg-1.4.tar.gz. I have placed the file and the accompanying
lsm-file in /pub/Incoming/linux. The target directory is
/pub/linux/apps/ham.
The file may also be downloaded from
ftp://ftp.amsat.org/amsat/software/Linux/pbpg-1.4.tar.gz.

The updated documentation is found in the file named README.

The following changes have been made since version 1.3:

- The programs are no longer installed SUID. This removes a
security
hole that existed in previous versions.

- The build process is based on the use of the ax.25 library
(ax25lib).
Use version 1.3 if you are on a version of Linus that does not
support ax25lib. If you want to remove the security hole from
earlier
versions, change the two lines in Makefile that install the
programs
to read:
install -g root -o root -m 0755 -s pb /usr/local/bin
install -g root -o root -m 0755 -s pg /usr/local/bin

The following is (still) believed to be an incorrectness:
- Sometimes PB will send requests for directory fills when it is
not
needed. I have only seen this with AO-16 but it has been
reported to happen
with KO-25 as well.

The lsm reads as follows:

Begin3
Title: PB and PG for Linux
Version: 1.4
Entered-date: 10 MAR 2000

Description: PB and PG for Linux are program used for download from
and
upload to digital satellites (Pacsats) supporting the
FTL0
protocol. This software allows you to directly
communicate

with the Microsat series of satellites. It provides a
Curses (Ncurses) based user interface. It features
automatic
directory fill requests and simple, rules based file
download requests.
This version of the programs will work with kernel
revisions 2.2.13 or higher.
Keywords: AX.25
Digital Satellites
Pacsat
FTL0
Amateur Radio
Author: oz6bl@amsat.org (Bent Bagger)
oz2aba@amsat.org (Peter Scott Bentsen)
and others.
Maintained-by: oz6bl@amsat.org (Bent Bagger)
Primary-site: sunsite.unc.edu /pub/linux/apps/ham/pbpg-1.4.tar.gz
Alternate-site: ftp.amsat.org /amsat/software/Linux/pbpg-1.4.tar.gz
Copying-policy: GPL.
End

Happy hamming

Bent/OZ6BL
(also oz6bl@amsat.org)

Sent via Deja.com http://www.deja.com/
Before you buy.

775. Re: news article: 66 Iridium satelites likely to become floating space junk

Newsgroup: rec.radio.amateur.space
Date: 2000-03-13 00:00:00 UTC
From: Craig Patterson <craiglp@swbell.net>
Message-ID: <38CD1F05.93C6B87E@swbell.net>
Source record: 9909

For the Iridium partners to get full benefit from tax losses and such, the system must be scrapped. To be scrapped the sats must be deorbited. So, it is unlikely the ham community can come up with the cash to offset the tax advantages of turning the sats into 'shooting stars'.

Jeffrey S Austin wrote:

> "Dale M. Skiba" wrote:
>
> > Another almost on topic article:
> >
> > http://www.usatoday.com/money/mds2.htm
> >
> > Iridium users may be cut off permanently
> >
> > 66 satellites could be space junk if $6B system shuts down
> >
> > By Kevin Maney, USA TODAY
> >
> > [...]
> >
> > Motorola, which built, operates and owns 18% of Iridium, is sending out
> > the notices this week. "Unless a qualified buyer comes forward and
> > provides additional funding by March 15," the letter says, "we do not
> > expect Iridium service to be available after 11:59 p.m. ET on March 17."
> >
> > [...]
> >
> > While the system works, Iridium has fallen behind the times. It can handle
> > only analog voice calls and pages in a market driven by digital data. Plus,
> > land-based cellular systems have spread across almost all of the
> > developed world, usurping the need for Iridium.
> >
> > Once service is stopped, it will take time for Iridium's satellites and
> > worldwide ground stations to be decommissioned, experts say. No one's
> > sure when, but at some point during that process, it would be nearly
> > impossible to restart Iridium. The 66 satellites would be left to float in
> > space.
> >
> > [I thought the Iridium satellites were capabable of induced re-entry
> > entry. Perhaps this would be a better option. How long will it take
> > for these satellites to re-enter on their own?]
> >
> > Dale Skiba
> > W0BOT

>
> Here's just an idea . . . can they be reprogrammed for ham sat use?

776. Re: Satellite rig

Newsgroup: rec.radio.amateur.space
Date: 2000-03-13 00:00:00 UTC
From: "Stevan A. White" <engineer@kgnc.com>
Message-ID: <38cd39cc@news.usenetnews.org>
Source record: 9910

Good luck finding an IC-970! You might take a look at the Yaesu FT-847.

"Jeffrey S Austin" <w8jsa@exis.net> wrote in message
news:38CC160F.9A1972D4@exis.net...
> Fred wrote:
>
> > Dayton Hamvention is only a couple of months away. I am thinking of
> > purchasing a rig to work the birds with.
> >
> > Which ones are you using and what are the pros and cons of them. I
would
> > like a little in-put from all of you long and short time users out there
as
> > to what you really like and dislike.
> >
> > Thanks
> >
> > 73
> > Fred
> >
> > KE8TQ
> > Hams Do It With High Frequency
>
> Fred-
> Find yourself an ICOM IC-970 . . . ask the man who owns one.
>
> -73s de jeff@amsat.org
>

777. Re: Good Sat Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-03-13 00:00:00 UTC
From: "Stevan A. White" <engineer@kgnc.com>
Message-ID: <38cd3ac4@news.usenetnews.org>
Source record: 9911

Consider the Yaesu FT-847. Look at http://www.en.com/users/rayd/ft-847 and see what you think.

"Jeffrey S Austin" <w8jsa@exis.net> wrote in message news:38CC10C6.72532FB5@exis.net...
> Henry wrote:
>
> > I just cant come up with the dollars for an IC-821 are there any other
> > good satelite rigs out there that I can get started with?
> > Thanks,
> > Henry
>
> Henry-
> Quite a few of the birds are FM, check in to a good dual bander that has
> twin VFOs.
>
> -73s de jeff@amsat.org
>

778. Re: Satellite rig

Newsgroup: rec.radio.amateur.space
Date: 2000-03-13 00:00:00 UTC
From: "R.L. Tannehill, P.E." <rickw7rt@mail.firstinter.net>
Message-ID: <38CD3DA5.5BD3@mail.firstinter.net>
Source record: 9912

Fred wrote:
>
> Dayton Hamvention is only a couple of months away. I am thinking of
> purchasing a rig to work the birds with.
>
> Which ones are you using and what are the pros and cons of them. I would
> like a little in-put from all of you long and short time users out there as
> to what you really like and dislike.
>
> Thanks
>
> 73
> Fred
>
> KE8TQ
> Hams Do It With High Frequency

Fred,

You might want to wait to see if P3D get's up OK first before spending a lot of money. Their isn't much left in the way of "easysats", and AO10 is getting harder to work by the day. The 970 is indeed a good radio, but hard to find. The FT847 is good, but without any L-band or S-band capability. The FT736 has an L-band module available, if you can find them. (I have a 736 and it's a great workhorse) The 821 ICOM is probably a good choice with it's price.

However, having said all that; I firmly believe that if P3D makes it up, there will be so much new satellite interest that the major manufacturers will come out with some new radios with mode L/S built into them.

Rick Tannehill
W7RT

779. Re: Satellite rig

Newsgroup: rec.radio.amateur.space
Date: 2000-03-13 00:00:00 UTC
From: Laura Halliday <va3ldh@sympatico.ca>
Message-ID: <38CD52F6.BF6AC559@sympatico.ca>
Source record: 9913

"R.L. Tannehill, P.E." wrote:

> You might want to wait to see if P3D get's up OK first before spending a
> lot of money. Their isn't much left in the way of "easysats", and AO10
> is getting harder to work by the day. The 970 is indeed a good radio,
> but hard to find. The FT847 is good, but without any L-band or S-band
> capability. The FT736 has an L-band module available, if you can find
> them. (I have a 736 and it's a great workhorse) The 821 ICOM is
> probably a good choice with it's price.
>
> However, having said all that; I firmly believe that if P3D makes it up,
> there will be so much new satellite interest that the major
> manufacturers will come out with some new radios with mode L/S built
> into them.

Consider also the possibility of a solid radio (HF or otherwise) plus a
transverter or two. That way you can concentrate on a really good prime
mover and then mix and match up- and downlinks as you need to.

There is rarely much point in having a 1270 or 2400 MHz radio in the
shack.
It's much more effective to have a converter out by the antenna and a
lower-frequency radio in the shack.

With all the split-frequency operation you don't even need a transceiver
-
the best satellite receiver in my shack is a Collins 51J-4. Receives
RS-13
and RS-15 nicely all by itself, and I look forward to using it as an IF
with P3D. General coverage, so I don't need to stick to ham band IFs.

It also picks up the BBC very nicely, holds the bench down and keeps the
shack warm in the winter. :-)
--
Laura Halliday VA3LDH "Laisse le vent tout emporter..."
Grid: FN03gs - Foly/Viennet

780. WTB:AZ/EL ROTOR

Newsgroup: rec.radio.amateur.space
Date: 2000-03-13 00:00:00 UTC
From: ke2ls@attglobal.net
Message-ID: <38CDABE2.FD6A3BDB@attglobal.net>
Source record: 9914

Still looking for a USED AZ/EL rotor that can be driven by NOVA software
a package with 2 meter and 70 cm antennas will be considered.

Paul
KE2LS

781. Re: Satellite rig

Newsgroup: rec.radio.amateur.space
Date: 2000-03-14 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8cs2p5.9er.nomail@linux.pe1chl.ampr.org>
Source record: 9915

Laura Halliday <va3ldh@sympatico.ca> wrote:
>There is rarely much point in having a 1270 or 2400 MHz radio in the
>shack.
>It's much more effective to have a converter out by the antenna and a
>lower-frequency radio in the shack.

>With all the split-frequency operation you don't even need a transceiver
>-
>the best satellite receiver in my shack is a Collins 51J-4. Receives
>RS-13
>and RS-15 nicely all by itself, and I look forward to using it as an IF
>with P3D. General coverage, so I don't need to stick to ham band IFs.

This is certainly true, but for a simple 2400 MHz receive converter you
should use 432 as a first IF (or 144 if you really have to), not 28.

It will be difficult to get any image rejection at 2400 with such a low IF,
and while images may not be your first problem, they will double the noise
figure.

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

782. Satellite antennas

Newsgroup: rec.radio.amateur.space
Date: 2000-03-14 00:00:00 UTC
From: Rob Hull <rhka0fbj@winco.net>
Message-ID: <8amk8c$1r7$1@news3.infoave.net>
Source record: 9916

Am looking to buy used satellite antennas. 2m and 435mhz, for use on oscar
and the new phase 3 when it goes up.
Reply by email
Thanks, Rob

783. F6KEH HAM RADIO RESOURCES RELAY SITE moved

Newsgroup: rec.radio.amateur.space
Date: 2000-03-14 00:00:00 UTC
From: f5lcy <f5lcy@wanadoo.fr>
Message-ID: <8amkm0$m53$7@wanadoo.fr>
Source record: 9917

F6KEH RESOURCES RELAY SITE is updated and has been moved to :

http://f6keh.free.fr/index_r

784. Re: news article: 66 Iridium satelites likely to become floating space junk

Newsgroup: rec.radio.amateur.space
Date: 2000-03-14 00:00:00 UTC
From: Clifford Buttschardt <cbuttsch@slonet.org>
Message-ID: <Pine.GSO.3.95.1000314184944.18157C-100000@oso.slonet.org>
Source record: 9918

So the GD-ed MBA's win again!!! When are we going to return to common
sense? Guess an an asteroid will have to hit before we can get rid of
these leaches! Cliff K7RR

On Mon, 13 Mar 2000, Craig Patterson wrote:

> For the Iridium partners to get full benefit from tax losses and such, the system
> must be scrapped. To be scrapped the sats must be deorbited. So, it is unlikely the
> ham community can come up with the cash to offset the tax advantages of turning the
> sats into 'shooting stars'.
>
> Jeffrey S Austin wrote:
>
> > "Dale M. Skiba" wrote:
> >
> > > Another almost on topic article:
> > >
> > > http://www.usatoday.com/money/mds2.htm
> > >
> > > Iridium users may be cut off permanently
> > >
> > > 66 satellites could be space junk if $6B system shuts down
> > >
> > > By Kevin Maney, USA TODAY
> > >
> > > [...]
> > >
> > > Motorola, which built, operates and owns 18% of Iridium, is sending out
> > > the notices this week. "Unless a qualified buyer comes forward and
> > > provides additional funding by March 15," the letter says, "we do not
> > > expect Iridium service to be available after 11:59 p.m. ET on March 17."
> > >
> > > [...]
> > >
> > > While the system works, Iridium has fallen behind the times. It can handle
> > > only analog voice calls and pages in a market driven by digital data. Plus,
> > > land-based cellular systems have spread across almost all of the
> > > developed world, usurping the need for Iridium.
> > >
> > > Once service is stopped, it will take time for Iridium's satellites and
> > > worldwide ground stations to be decommissioned, experts say. No one's
> > > sure when, but at some point during that process, it would be nearly
> > > impossible to restart Iridium. The 66 satellites would be left to float in
> > > space.
> > >

> > > [I thought the Iridium satellites were capabable of induced re-entry
> > > entry. Perhaps this would be a better option. How long will it take
> > > for these satellites to re-enter on their own?]
> > >
> > > Dale Skiba
> > > W0BOT
> >
> > Here's just an idea . . . can they be reprogrammed for ham sat use?
>
>
>

785. My web site

Newsgroup: rec.radio.amateur.space
Date: 2000-03-15 00:00:00 UTC
From: fa1cfx <fa1cfx@wanadoo.fr>
Message-ID: <8ane3m$6ag$1@wanadoo.fr>
Source record: 9919

Hello,you can see my web page to this adress:

http://perso.wanadoo.fr/fa1cfx/

it's only in french

thank's for the remarks

73's from FA1CFX / Phil

786. vx-5r LEO set up?

Newsgroup: rec.radio.amateur.space
Date: 2000-03-15 00:00:00 UTC
From: user <user@cisco.com>
Message-ID: <38CFAC8B.DC3CF4E5@cisco.com>
Source record: 9920

hello,
any of you guys use the vx5 for e.g.AO-27 contact?,i need to know how
you set up the unit with the arrow satellite antenna.
details,tips or advice is appreciated;-)

thanks and 73

787. Re: 6 New High frequency CB radio Bands Authorized.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-15 00:00:00 UTC
From: tnom@mucks.net
Message-ID: <ojd0ds8arui04ch96ehp0inoafe212cvui@4ax.com>
Source record: 9921
Cross-posted to:
rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

>CB-160 1.8 - 2.0 Splatter Mode, Echo-mics o.k.
>CB-80 3.5 - 4.0 Belching & Farting permitted on 3.950
>CB-40 7.0 - 7.3 Splatter mode, 7.2 echo-mic calling freq.
>CB-20 14.0 - 13.35 Jamming modes permitted on 14.313
>CB-15 21.0 - 21.45 Noise Toys & Roger beeps ok below 21.250
>CB-11 27.185 Restructured amateur calling frequency.
>CB-10 28.0 - 29.7 Tweak your CB a bit more and you're there!

I thought theses frequencies were already "CB type accepted".
At least they sound like that when I listen to them. Do you mean
that they are now going to make it official?

788. Re: 6 New High frequency CB radio Bands Authorized.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-15 00:00:00 UTC
From: John <hydro@fx2.com>
Message-ID: <7EWz4.460$vb.3658@newsfeed.slurp.net>
Source record: 9922
Cross-posted to:
rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

Hey , Thats pretty funny, But you know what the real funny thing is ??
Nothing is going to happen after april 15.... You could put ham radio
license on the back of morning Cereal boxes .... Just sign here, your an
extra ham and you would have NO takers. About the only thing thats going to
happen on april 15 is the already licensed hams are going to capitalize on
an easy upgrade...................

John ....

789. I'm stupid and I like it that way.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-15 00:00:00 UTC
From: Bob <bob@bob.com>
Message-ID: <38D048F3.24E09977@bob.com>
Source record: 9923
Cross-posted to:
rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

I would rather no restructuring so HAM radio would die
quicker than it already is.

790. Re: 6 New High frequency CB radio Bands Authorized.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-15 00:00:00 UTC
From: Miles Davis <MDD327@aol.com>
Message-ID: <8aq483$5pq$1@nnrp02.primenet.com>
Source record: 9924
Cross-posted to:
rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

Do you think CB11 might be for 11 meters?

--
Miles Davis
This is CB radio.....No crying allowed!

Sidney J. Latham <sidneylatham@home.com> wrote in message
news:wAYz4.2690$S4.59320@news1.rdc1.il.home.com...
> Channel 11 on the CB is not frequency 27.185.
> 27.185 is Channel 19.
>
> SJL
> KZM6484
> "heat sink" <announce@radio-org.com> wrote in message
> news:8apbfsjvv1@slb7.atl.mindspring.net...
> > Here is a listing of the six new HF CB bands available
> > April, 2000, their designations and allowable modes.
> >
> > Note: This bandplan has been endorsed by the C.B.R.L., Citizen
> > Band Relay League, Newington CT.
> >
> > Band Frequency Allowable
> > Range(mHz) Emmissions
>
> ---
> ---
> > CB-160 1.8 - 2.0 Splatter Mode, Echo-mics o.k.
> > CB-80 3.5 - 4.0 Belching & Farting permitted on 3.950
> > CB-40 7.0 - 7.3 Splatter mode, 7.2 echo-mic calling
> freq.
> > CB-20 14.0 - 13.35 Jamming modes permitted on 14.313
> > CB-15 21.0 - 21.45 Noise Toys & Roger beeps ok below 21.250
> > CB-11 27.185 Restructured amateur calling frequency.
> > CB-10 28.0 - 29.7 Tweak your CB a bit more and you're there!
> >
> > Profanity, insults, and Cursing are permitted if phrases like
> > "Extra Class" or "Morse Code" are used in the same sentence.
> >
> > Discussions of a technical nature are rarely heard and prohibited.
> >
> > I'm 10-7, 10-4?
> >
> > See ya on the new Bands!

> >
> >
>
>

791. Re: I'm stupid and I like it that way.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-16 00:00:00 UTC
From: gil <gilpi@mindspring.com>
Message-ID: <8as9hg$a11$1@nntp9.atl.mindspring.net>
Source record: 9849
Cross-posted to:
rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

Get a life!

Bob <bob@bob.com> wrote in message news:38D048F3.24E09977@bob.com...
> I would rather no restructuring so HAM radio would die
> quicker than it already is.
>

792. Re: 6 New High frequency CB radio Bands Authorized.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-16 00:00:00 UTC
From: xman Charlie <xman@earthlink.com>
Message-ID: <8as7qk0kut@enews4.newsguy.com>
Source record: 9850
Cross-posted to:
rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

```
Good post, left out:

> > CB-170 1.9 - 2.6 What Antenna or Your Final Answer

xman Charlie

gil <gilpi@mindspring.com> wrote in message
news:01bf8fb8$2cfb89e0$89aa8ad1@default...
> Im sorry i dont get this, is this a joke or just another comment by one of
> those angry and frustrated "old hams"?
> Gil
>
>
> heat sink <announce@radio-org.com> wrote in article
> <8apbfs$jvv$1@slb7.atl.mindspring.net>...
> > Here is a listing of the six new HF CB bands available
> > April, 2000, their designations and allowable modes.
> >
> > Note: This bandplan has been endorsed by the C.B.R.L., Citizen
> > Band Relay League, Newington CT.
> >
> > Band Frequency Allowable
> > Range(mHz) Emmissions
> >
> ------------------------------------------------------------------------
--
> -
> > CB-160 1.8 - 2.0 Splatter Mode, Echo-mics o.k.
> > CB-80 3.5 - 4.0 Belching & Farting permitted on 3.950
> > CB-40 7.0 - 7.3 Splatter mode, 7.2 echo-mic calling
> freq.
> > CB-20 14.0 - 13.35 Jamming modes permitted on 14.313
> > CB-15 21.0 - 21.45 Noise Toys & Roger beeps ok below 21.250
> > CB-11 27.185 Restructured amateur calling frequency.
> > CB-10 28.0 - 29.7 Tweak your CB a bit more and you're there!
> >
> > Profanity, insults, and Cursing are permitted if phrases like
> > "Extra Class" or "Morse Code" are used in the same sentence.
> >
> > Discussions of a technical nature are rarely heard and prohibited.
> >
> > I'm 10-7, 10-4?
> >
```

> > See ya on the new Bands!
> >
> >
> >

793. Re: news article: 66 Iridium satelites likely to become floating space junk

Newsgroup: rec.radio.amateur.space
Date: 2000-03-16 00:00:00 UTC
From: ds0007@medtronic.COM
Message-ID: <8apa3f$js9$1@gazette.corp.medtronic.com>
Source record: 9925

: The news release I saw said that once the system shut down, the
: satellites would be de-orbited; a nice term for "sent burning up into
: the atmosphere".

: Rick T.
: W7RT

Yep, another article says that as well.

http://dailynews.yahoo.com/h/nm/20000315/tc/tech_iridium_3.html

By Jim Wolf

[...]

Barring the last-minute arrival of a qualified buyer, the company plans to
begin ``de-orbiting'' the 66 satellites that make up the world's first
low-orbit system for wireless telephone service.

That means the network -- variously reported to have cost $5 billion to $7
billion -- would be vaporized as its satellites, bumped by their thrusters,
plunge from 485 miles above the Earth in flames over the ocean.

[...]

``They had the wrong product for the wrong market at the wrong time,'' said
John Logsdon, director of the Space Policy Institute at George Washington
University in Washington.

[...]

--
Dale Skiba
W0BOT

794. 6 New High frequency CB radio Bands Authorized.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-16 00:00:00 UTC
From: announce@radio-org.com
Message-ID: <8apbfsjvv1@slb7.atl.mindspring.net>
Source record: 9926
Cross-posted to:
rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

Here is a listing of the six new HF CB bands available
April, 2000, their designations and allowable modes.

Note: This bandplan has been endorsed by the C.B.R.L., Citizen
Band Relay League, Newington CT.

Band Frequency Allowable
Range(mHz) Emmissions

CB-160 1.8 - 2.0 Splatter Mode, Echo-mics o.k.
CB-80 3.5 - 4.0 Belching & Farting permitted on 3.950
CB-40 7.0 - 7.3 Splatter mode, 7.2 echo-mic calling freq.
CB-20 14.0 - 13.35 Jamming modes permitted on 14.313
CB-15 21.0 - 21.45 Noise Toys & Roger beeps ok below 21.250
CB-11 27.185 Restructured amateur calling frequency.
CB-10 28.0 - 29.7 Tweak your CB a bit more and you're there!

Profanity, insults, and Cursing are permitted if phrases like
"Extra Class" or "Morse Code" are used in the same sentence.

Discussions of a technical nature are rarely heard and prohibited.

I'm 10-7, 10-4?

See ya on the new Bands!

795. Re: 6 New High frequency CB radio Bands Authorized.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-16 00:00:00 UTC
From: konstans@oneleven.net
Message-ID: <38d031ba.381450699@nntp.one-eleven.net>
Source record: 9927
Cross-posted to:
rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

On Thu, 16 Mar 2000 00:55:57 GMT, announce@radio-org.com (heat sink)
wrote:

>Here is a listing of the six new HF CB bands available
>April, 2000, their designations and allowable modes.
>
>Note: This bandplan has been endorsed by the C.B.R.L., Citizen
>Band Relay League, Newington CT.

I realy find it priceless to blame the ARRL for restructing.
They did everything possible to stop from showing up at all, and when
it FCC decided to go ahaead anyway (which was something of suprise to
me) the ARRL put forth the best that it hoped it could get on Morse
Code, yes they failed to get it (thank the gods), but they did their
best for the code bigots

796. Re: 6 New High frequency CB radio Bands Authorized.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-16 00:00:00 UTC
From: Radio Oger <radio_oger@my-deja.com>
Message-ID: <8ape46kkb1@nnrp1.deja.com>
Source record: 9928
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner

10-4 good buddy.

I have my 20kw diesel generator and my 5kw CB linear all tuned up and ready to go. It'll do 5 kw with a bag of sugar laying on the D-104 key all day long, while I play Eddie Arnold records. (gag)

I can't wait to burp, pass gas, work the action and fire my guns, and tell glorious stories of killing and dismembering cats to the retarded masses that will have one of these shining new licences like me! Heck I might even get out my comode 64 and have it swear in CW at 20wpm for all those code loving dirtbags in those elite areas of the band.

See you all there. Haw Haw Haw

Radio Oger!

In article <8apbfsjvv1@slb7.atl.mindspring.net>,
announce@radio-org.com (heat sink) wrote:
> Here is a listing of the six new HF CB bands available
> April, 2000, their designations and allowable modes.
>
> Note: This bandplan has been endorsed by the C.B.R.L., Citizen
> Band Relay League, Newington CT.
>
> Band Frequency Allowable
> Range(mHz) Emmissions
>

> CB-160 1.8 - 2.0 Splatter Mode, Echo-mics o.k.
> CB-80 3.5 - 4.0 Belching & Farting permitted on 3.950
> CB-40 7.0 - 7.3 Splatter mode, 7.2 echo-mic calling freq.
> CB-20 14.0 - 13.35 Jamming modes permitted on 14.313
> CB-15 21.0 - 21.45 Noise Toys & Roger beeps ok below 21.250
> CB-11 27.185 Restructured amateur calling frequency.
> CB-10 28.0 - 29.7 Tweak your CB a bit more and you're there!
>
> Profanity, insults, and Cursing are permitted if phrases like
> "Extra Class" or "Morse Code" are used in the same sentence.
>
> Discussions of a technical nature are rarely heard and prohibited.
>
> I'm 10-7, 10-4?
>
> See ya on the new Bands!

>
>
--
Radio Oger
Giving a straight answer every time.

Sent via Deja.com http://www.deja.com/
Before you buy.

797. Re: 6 New High frequency CB radio Bands Authorized.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-16 00:00:00 UTC
From: konstans@oneleven.net
Message-ID: <38d03798.382952991@nntp.one-eleven.net>
Source record: 9929
Cross-posted to:
rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

On Wed, 15 Mar 2000 20:26:20 -0500, "John" <hydro@fx2.com> wrote:

>Hey , Thats pretty funny, But you know what the real funny thing is ??
>Nothing is going to happen after april 15.... You could put ham radio
>license on the back of morning Cereal boxes .... Just sign here, your an
>extra ham and you would have NO takers. About the only thing thats going to

Be fair John You'd have some takers, heck I might buy a box of such
cereal

>happen on april 15 is the already licensed hams are going to capitalize on
>an easy upgrade...................
>
>John ....
>
>

798. Re: 6 New High frequency CB radio Bands Authorized.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-16 00:00:00 UTC
From: Bo Knows <boknowsamps@aol.com>
Message-ID: <QnXz4.443$DX1.58946@news2.voicenet.com>
Source record: 9930
Cross-posted to:
rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

I can agree to that, it still takes 5 wpm to get a ticket today on april 15
it still takes 5wpm where are the people beating the door down at this time,
dont expect to see them on april 15
"John" <hydro@fx2.com> wrote in message
news:7EWz4.460$vb.3658@newsfeed.slurp.net...
> Hey , Thats pretty funny, But you know what the real funny thing is ??
> Nothing is going to happen after april 15.... You could put ham radio
> license on the back of morning Cereal boxes .... Just sign here, your an
> extra ham and you would have NO takers. About the only thing thats going
to
> happen on april 15 is the already licensed hams are going to capitalize on
> an easy upgrade.....................
>
> John ....
>
>

799. Re: 6 New High frequency CB radio Bands Authorized.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-16 00:00:00 UTC
From: "Sidney J. Latham" <sidneylatham@home.com>
Message-ID: <wAYz4.2690$S4.59320@news1.rdc1.il.home.com>
Source record: 9931
Cross-posted to:
rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

Channel 11 on the CB is not frequency 27.185.
27.185 is Channel 19.

SJL
KZM6484
"heat sink" <announce@radio-org.com> wrote in message
news:8apbfsjvv1@slb7.atl.mindspring.net...
> Here is a listing of the six new HF CB bands available
> April, 2000, their designations and allowable modes.
>
> Note: This bandplan has been endorsed by the C.B.R.L., Citizen
> Band Relay League, Newington CT.
>
> Band Frequency Allowable
> Range(mHz) Emmissions
> --

> CB-160 1.8 - 2.0 Splatter Mode, Echo-mics o.k.
> CB-80 3.5 - 4.0 Belching & Farting permitted on 3.950
> CB-40 7.0 - 7.3 Splatter mode, 7.2 echo-mic calling
freq.
> CB-20 14.0 - 13.35 Jamming modes permitted on 14.313
> CB-15 21.0 - 21.45 Noise Toys & Roger beeps ok below 21.250
> CB-11 27.185 Restructured amateur calling frequency.
> CB-10 28.0 - 29.7 Tweak your CB a bit more and you're there!
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> Profanity, insults, and Cursing are permitted if phrases like
> "Extra Class" or "Morse Code" are used in the same sentence.
>
> Discussions of a technical nature are rarely heard and prohibited.
>
> I'm 10-7, 10-4?
>
> See ya on the new Bands!
>
>

800. Re: 6 New High frequency CB radio Bands Authorized.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-16 00:00:00 UTC
From: "Scott (Unit 69)" <EATSPAMupplus@hotmail.com>
Message-ID: <38D07DA2.CE1187DD@hotmail.com>
Source record: 9932
Cross-posted to:
rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

He's 30 over 9 on the troll-o-meter on the east coast!

```
_______________________
| 1 3 7 9 10 3|0 |
| | |
|_____________________|___|
```

Just in time for the full moon on Monday, a new cross-posted
troll thread.

heat sink wrote:

--
Unit SIX-NINE Chesapeake Bay
Channel 28 AM / 36 LSB

801. Re: Registration of domain with ExitExchange.com

Newsgroup: rec.radio.amateur.space
Date: 2000-03-16 00:00:00 UTC
From: reg@exitexchange.COM
Message-ID: <200003160934.BAA25473@www.exitexchange.com>
Source record: 9933

Here's how to register.

ExitExchange is the fastest way to grow your website. Every time someone leaves your website ExitExchange sends you new traffic. More effective than banners, ExitExchange actually brings real traffic right to your front door. Whether you're a large corporation or just a single homepage, there has never been an easier way to promote your website. Experience the explosive growth you've been dreaming of for your website. Put the power of the ExitExchange Orbit Network® to work for you and start counting
the hits immediately.

Ohhh... and did we mention it's absolutely FREE!

Sign up is simple and takes just a few minutes (literally). Come take our Quick Tour and see for yourself how easy it is to Get Big, Real Big, Really Fast with ExitExchange.com

http://www.exitexchange.com

Sincerely,
ExitExchange Registration Services
"Never Say Goodbye To Your Traffic Again"

//
One time mailing, no need for removal.
//

802. Re: 6 New High frequency CB radio Bands Authorized.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-16 00:00:00 UTC
From: John <mrbreezej@netscape.net>
Message-ID: <38D0D5AB.DEE740C2@netscape.net>
Source record: 9934
Cross-posted to:
rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

You are absolutely right! OBTW, why the hell should I have to learn to use an arcane mode of communications such as CW so that I can use phone on 10M & 12M, which is all I really want to be able to do? Hell, even the US Navy dropped CW from their technical requirements for Communications Technicians! I am a technician perfectly capable of doing my own repairs and adjustments to radios. I have passed all of the trial tests for Technician and General. I was once licensed as a Broadcast Engineer back in the late '60s with an FCC Radio Telephone license. But I have tried and failed to learn code. So, I am probably more qualified than those idiots out there that passed the CW test but don't know Ohms Law! IT STILL SUCKS!

Bo Knows wrote:

> I can agree to that, it still takes 5 wpm to get a ticket today on april 15
> it still takes 5wpm where are the people beating the door down at this time,
> dont expect to see them on april 15
> "John" <hydro@fx2.com> wrote in message
> news:7EWz4.460$vb.3658@newsfeed.slurp.net...
> > Hey , Thats pretty funny, But you know what the real funny thing is ??
> > Nothing is going to happen after april 15.... You could put ham radio
> > license on the back of morning Cereal boxes .... Just sign here, your an
> > extra ham and you would have NO takers. About the only thing thats going
> to
> > happen on april 15 is the already licensed hams are going to capitalize on
> > an easy upgrade.....................
> >
> > John ....
> >
> >

803. Re: I'm stupid and I like it that way.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-16 00:00:00 UTC
From: Hamish Moffatt <hamish@rising.com.au>
Message-ID: <8aqnat$1r8d$2@arachne.labyrinth.net.au>
Source record: 9935
Cross-posted to:
rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

In rec.radio.amateur.space Bob <bob@bob.com> wrote:
> I would rather no restructuring so HAM radio would die
> quicker than it already is.

Ham radio will be better off when attitudes like this cease.
Honestly, whether you like it or not, get over it! April 15 will
come and go, you might find some new people to talk to on HF
but otherwise you probably won't notice much difference.

From what I read on these newsgroups, all the really badly behaved
ops are extras already!

Some young people might get interested and actually progress the hobby
forward in some way. Wouldn't that be amazing? Less people talking on
HF about their currentl illnesses, I'll look forward to that.

73

Hamish VK3SB

804. Re: 6 New High frequency CB radio Bands Authorized.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-16 00:00:00 UTC
From: Martin Meserve <meserve@my-deja.com>
Message-ID: <38D0EFF4.446B9B3D@my-deja.com>
Source record: 9936
Cross-posted to:
rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

John wrote:
>
> Hey , Thats pretty funny, But you know what the real funny
> thing is ?? Nothing is going to happen after april 15...

Funnier yet is what's happening right now. And it started over a
year ago, when the anouncement was made about the license structure
changes.

If you attend a VE session right now you will find that they are
pouring in to take the 13 and 20 WPM tests, because after April 15
they won't be able to any more. For many hams it's simply a personal
issue and they could care less that the need for these tests might
not exist a week after taking them.

When I heard about the license restructuring, in Dec 1998, I
decided that this was my last chance to prove to myself that I
could do it. It took 6 months of effort but I did pass the 20 WPM
test (with solid copy) and finally made Extra. Now, I don't care
if they change everything. I did it only for myself. I have been
loving Ham Radio for over 35 years and I don't intend to stop
loving it.

Well, so much for patting myself on the back.

The only part of the change that surprised me was dropping the
13 WPM requirement. I knew the 20 WPM test was going to go away
and I thought they might lower the 13 WPM test to 10 WPM, but
it seems I was mistaken. Go figure.

> You could put ham radio license on the back of morning Cereal
> boxes .... Just sign here, your an extra ham and you would have
> NO takers.

Will that be the box of Wheaties with the picture of
the Old Man himself, Hiram Percy Maxim, on the front.
I'll by a box even if I don't need to cut out the coupon.

> About the only thing thats going to happen on
> april 15 is the already licensed hams are going to capitalize on
> an easy upgrade.....................
>

If they are willing to venture into the CW portions of the band,
I'll be glad to talk to them. No matter how bad their CW might

be in the beginning. As long as they don't mind how bad mine is.

But, no matter, it's their right to choose what license they
want to obtain and where they want to operate.

No flame intended to anyone. Just another opinion.

Martin

--
Martin E. Meserve KB7EQS martin.e.meserve
Engineer, Program/Project Specialist AT
Lockheed Martin M&DS - Reconnaissance Systems lmco.com

I respond to news groups and E-Mail on my own time and therefore my
responses may not be as timely as you, or I, would like them to be. If
I seem to be ignoring you, send me another E-Mail to jog my memory.
Opinions are my own and do not reflect the opinions of my employer.

------------== Posted via Deja News, The Discussion Network ==----------
http://www.dejanews.com/ Search, Read, Discuss, or Start Your Own

805. Re: I'm stupid and I like it that way.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-16 00:00:00 UTC
From: "R.L. Tannehill, P.E." <rickw7rt@mail.firstinter.net>
Message-ID: <38D12A62.50C1@mail.firstinter.net>
Source record: 9937
Cross-posted to:
rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

Bob wrote:
>
> I would rather no restructuring so HAM radio would die
> quicker than it already is.

Perhaps it would be better for those that wanted no kind of change ever again to the hobby/service to depart themselves, rather than see their beloved hobby depart....that way it leaves it for the rest of us who have a more realistic attitude toward change.

Rick T.

806. Re: 6 New High frequency CB radio Bands Authorized.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-16 00:00:00 UTC
From: Bob Fay <robert.fay@unisys***.com>
Message-ID: <8ar7n9$2c5e$1@si05.rsvl.unisys.com>
Source record: 9938
Cross-posted to:
rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

Do you understand the concept of a personal goal?
"Mark" <my@antispam.mail> wrote in message
news:uuu1dsse8ogfirtko83k4dvtoelqsumd3a@4ax.com...
> On Thu, 16 Mar 2000 07:30:12 -0700, Martin Meserve <meserve@my-deja.com>
> wrote:
>
> >When I heard about the license restructuring, in Dec 1998, I
> >decided that this was my last chance to prove to myself that I
> >could do it. It took 6 months of effort but I did pass the 20 WPM
> >test (with solid copy) and finally made Extra. Now, I don't care
> >if they change everything. I did it only for myself. I have been
> >loving Ham Radio for over 35 years and I don't intend to stop
> >loving it.
>
> I'm glad you feel good about yourself, but what did you accomplish by rushing
> out do so something that you KNEW would go away? It just seems to demonstrate
> that you have lots of free time.
>
> Not a slam, but I just don't see it.

807. Re: 6 New High frequency CB radio Bands Authorized.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-16 00:00:00 UTC
From: dynastic@REMOVE_THIScwcom.net
Message-ID: <38d131fd.2375480@news.cwcom.net>
Source record: 9939
Cross-posted to:
rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

On Thu, 16 Mar 2000 12:37:47 GMT, John <mrbreezej@netscape.net> wrote:

>You are absolutely right! OBTW, why the hell should I have to learn to use an
>arcane mode of communications such as CW so that I can use phone on 10M & 12M,
>which is all I really want to be able to do? Hell, even the US Navy dropped CW
>from their technical requirements for Communications Technicians! I am a
>technician perfectly capable of doing my own repairs and adjustments to radios.
>I have passed all of the trial tests for Technician and General. I was once
>licensed as a Broadcast Engineer back in the late '60s with an FCC Radio
>Telephone license. But I have tried and failed to learn code. So, I am
>probably more qualified than those idiots out there that passed the CW test but
>don't know Ohms Law! IT STILL SUCKS!

Perhaps, but do you know how to OPERATE on HF?

--
Posted by G4RGA.
dynastic at cwcom.net
Rallies Info: http://website.lineone.net/~nordland
http://www.netcomuk.co.uk/~amadeus

808. Re: 6 New High frequency CB radio Bands Authorized.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-16 00:00:00 UTC
From: W6RCecilA <Cecil.A.Moore@IEEE.org>
Message-ID: <38D136E5.B63778D9@IEEE.org>
Source record: 9940
Cross-posted to:
rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

Mark wrote:
> I'm glad you feel good about yourself, but what did you accomplish by rushing
> out do so something that you KNEW would go away? It just seems to demonstrate
> that you have lots of free time.
>
> Not a slam, but I just don't see it.

Unlike some extras on this newsgroup, he didn't do it for the
purpose of being worshipped by other hams - he did it for himself
which is exactly as it should be.
--
73, Cecil, W6RCA http://www.mindspring.com/~w6rca

809. Re: 6 New High frequency CB radio Bands Authorized.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-16 00:00:00 UTC
From: Martin Meserve <meserve@my-deja.com>
Message-ID: <38D13FDC.15FB7483@my-deja.com>
Source record: 9941
Cross-posted to:
rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

Mark wrote:
>
> On Thu, 16 Mar 2000 07:30:12 -0700, Martin Meserve <meserve@my-deja.com>
> wrote:
>
> >When I heard about the license restructuring, in Dec 1998, I
> >decided that this was my last chance to prove to myself that I
> >could do it. It took 6 months of effort but I did pass the 20 WPM
> >test (with solid copy) and finally made Extra. Now, I don't care
> >if they change everything. I did it only for myself. I have been
> >loving Ham Radio for over 35 years and I don't intend to stop
> >loving it.
>
> I'm glad you feel good about yourself, but what did you accomplish
> by rushing out do so something that you KNEW would go away? It
> just seems to demonstrate that you have lots of free time.
>
> Not a slam, but I just don't see it.

I somewhat see your point. Like anyone else, if you really want
to do something, you find the time. As far as what I accomplished,
well, I accomplished what I set out to do. That is not always an
easy thing to do.

Having over a year of advanced notice isn't exactly "rushing"
into it. I definitly had to think about whether I just wanted
to sit tight and wait it out, or just get it done. I know you
didn't ask, but, had I waited for the change to happen, I would
have upgraded the easy way. But, after all these years, it just
wouldn't seem the same.

It really didn't take that much time. I only studied the
code for about 15 minutes a day. It turned out a whole lot easier
than I thought it was going to be. And, no, I am not saying that
"anyone can do it", or that "If I did it, you can to". Because
some people just can't do it. For a while, I thought I was one
of them. And, it helps me accept all the other million things that
I can't do that someone else can.

Oh well, I think I generated enough noise on these news groups.
It's been nice talking with you.

Martin

--
Martin E. Meserve KB7EQS martin.e.meserve
Engineer, Program/Project Specialist AT
Lockheed Martin M&DS - Reconnaissance Systems lmco.com

I respond to news groups and E-Mail on my own time and therefore my
responses may not be as timely as you, or I, would like them to be. If
I seem to be ignoring you, send me another E-Mail to jog my memory.
Opinions are my own and do not reflect the opinions of my employer.

----------== Posted via Deja News, The Discussion Network ==----------
http://www.dejanews.com/ Search, Read, Discuss, or Start Your Own

810. Re: 6 New High frequency CB radio Bands Authorized.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-16 00:00:00 UTC
From: Gary Danaher <gdanaher@home.com>
Message-ID: <38D14256.C78DD575@home.com>
Source record: 9942
Cross-posted to:
rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

You've never heard of learning for the sake of learning? Most amateurs
don't upgrade to prove something to others--most do it to prove
something to themselves.

Mark wrote:

> I'm glad you feel good about yourself, but what did you accomplish by rushing
> out do so something that you KNEW would go away? It just seems to demonstrate
> that you have lots of free time.
>
> Not a slam, but I just don't see it.

811. Re: 6 New High frequency CB radio Bands Authorized.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-16 00:00:00 UTC
From: tnom@mucks.net
Message-ID: <vfi2dsgo2g5ifdgiockj4hrgfkdo9386da@4ax.com>
Source record: 9943
Cross-posted to:
rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

On Thu, 16 Mar 2000 20:21:41 GMT, Gary Danaher <gdanaher@home.com>
wrote:

>You've never heard of learning for the sake of learning? Most amateurs
>don't upgrade to prove something to others--most do it to prove
>something to themselves.
>
Give me a break. Many Hams can't pass up the chance of waving
a piece of paper in the face of any one who does not also
posses that same piece of paper.

812. Re: 6 New High frequency CB radio Bands Authorized.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-16 00:00:00 UTC
From: POSSUM BELLY ASSHOLE <one.big.asshole@ahole.com>
Message-ID: <38D167F4.7C718D52@ahole.com>
Source record: 9944
Cross-posted to:
rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

Life really sucks, doesn't it john. WAWAWAWAWAWAWAWAWAWA

John wrote:
>
> You are absolutely right! OBTW, why the hell should I have to learn to use an
> arcane mode of communications such as CW so that I can use phone on 10M & 12M,
> which is all I really want to be able to do? Hell, even the US Navy dropped CW
> from their technical requirements for Communications Technicians! I am a
> technician perfectly capable of doing my own repairs and adjustments to radios.
> I have passed all of the trial tests for Technician and General. I was once
> licensed as a Broadcast Engineer back in the late '60s with an FCC Radio
> Telephone license. But I have tried and failed to learn code. So, I am
> probably more qualified than those idiots out there that passed the CW test but
> don't know Ohms Law! IT STILL SUCKS!
>
> Bo Knows wrote:
>
> > I can agree to that, it still takes 5 wpm to get a ticket today on april 15
> > it still takes 5wpm where are the people beating the door down at this time,
> > dont expect to see them on april 15
> > "John" <hydro@fx2.com> wrote in message
> > news:7EWz4.460$vb.3658@newsfeed.slurp.net...
> > > Hey , Thats pretty funny, But you know what the real funny thing is ??
> > > Nothing is going to happen after april 15.... You could put ham radio
> > > license on the back of morning Cereal boxes .... Just sign here, your an
> > > extra ham and you would have NO takers. About the only thing thats going
> > to
> > > happen on april 15 is the already licensed hams are going to capitalize on
> > > an easy upgrade.....................
> > >
> > > John ....
> > >
> > >

813. Re: 6 New High frequency CB radio Bands Authorized.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-16 00:00:00 UTC
From: POSSUM BELLY ASSHOLE <one.big.asshole@ahole.com>
Message-ID: <38D16827.CD3583BE@ahole.com>
Source record: 9945
Cross-posted to:
rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

John, why should I have to take a written test if all I want to do
is yak into a mic???????

John wrote:
>
> You are absolutely right! OBTW, why the hell should I have to learn to use an
> arcane mode of communications such as CW so that I can use phone on 10M & 12M,
> which is all I really want to be able to do? Hell, even the US Navy dropped CW
> from their technical requirements for Communications Technicians! I am a
> technician perfectly capable of doing my own repairs and adjustments to radios.
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> licensed as a Broadcast Engineer back in the late '60s with an FCC Radio
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> > it still takes 5wpm where are the people beating the door down at this time,
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> > "John" <hydro@fx2.com> wrote in message
> > news:7EWz4.460$vb.3658@newsfeed.slurp.net...
> > > Hey , Thats pretty funny, But you know what the real funny thing is ??
> > > Nothing is going to happen after april 15.... You could put ham radio
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> > > extra ham and you would have NO takers. About the only thing thats going
> > to
> > > happen on april 15 is the already licensed hams are going to capitalize on
> > > an easy upgrade.....................
> > >
> > > John ....
> > >
> > >

814. Re: 6 New High frequency CB radio Bands Authorized.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-16 00:00:00 UTC
From: "M.J.Powell" <mike@pickmere.demon.co.uk>
Message-ID: <LmPwzEAdxT04Ewrs@pickmere.demon.co.uk>
Source record: 9946
Cross-posted to:
rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

In article <uuu1dsse8ogfirtko83k4dvtoelqsumd3a@4ax.com>, Mark
<my@antispam.mail> writes
>On Thu, 16 Mar 2000 07:30:12 -0700, Martin Meserve <meserve@my-deja.com>
>wrote:
>
>>When I heard about the license restructuring, in Dec 1998, I
>>decided that this was my last chance to prove to myself that I
>>could do it. It took 6 months of effort but I did pass the 20 WPM
>>test (with solid copy) and finally made Extra. Now, I don't care
>>if they change everything. I did it only for myself. I have been
>>loving Ham Radio for over 35 years and I don't intend to stop
>>loving it.
>
>I'm glad you feel good about yourself, but what did you accomplish by rushing
>out do so something that you KNEW would go away? It just seems to demonstrate
>that you have lots of free time.
>
>Not a slam, but I just don't see it.

Personal satisfaction, obviously.

Mike
--
M.J.Powell

815. Re: 6 New High frequency CB radio Bands Authorized.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-16 00:00:00 UTC
From: gil <gilpi@mindspring.com>
Message-ID: <01bf8fb8$2cfb89e0$89aa8ad1@default>
Source record: 9947
Cross-posted to:
rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

Im sorry i dont get this, is this a joke or just another comment by one of
those angry and frustrated "old hams"?
Gil

heat sink <announce@radio-org.com> wrote in article
<8apbfsjvv1@slb7.atl.mindspring.net>...
> Here is a listing of the six new HF CB bands available
> April, 2000, their designations and allowable modes.
>
> Note: This bandplan has been endorsed by the C.B.R.L., Citizen
> Band Relay League, Newington CT.
>
> Band Frequency Allowable
> Range(mHz) Emmissions
>

-
> CB-160 1.8 - 2.0 Splatter Mode, Echo-mics o.k.
> CB-80 3.5 - 4.0 Belching & Farting permitted on 3.950
> CB-40 7.0 - 7.3 Splatter mode, 7.2 echo-mic calling
freq.
> CB-20 14.0 - 13.35 Jamming modes permitted on 14.313
> CB-15 21.0 - 21.45 Noise Toys & Roger beeps ok below 21.250
> CB-11 27.185 Restructured amateur calling frequency.
> CB-10 28.0 - 29.7 Tweak your CB a bit more and you're there!
>
> Profanity, insults, and Cursing are permitted if phrases like
> "Extra Class" or "Morse Code" are used in the same sentence.
>
> Discussions of a technical nature are rarely heard and prohibited.
>
> I'm 10-7, 10-4?
>
> See ya on the new Bands!
>
>
>

816. Re: 6 New High frequency CB radio Bands Authorized.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-16 00:00:00 UTC
From: Prince of Coyotes <fdecker@catskill.net>
Message-ID: <sd317dtd9n97@corp.supernews.com>
Source record: 9948
Cross-posted to:
rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

```
He meant CB-11 as in "11-meter band," not channel 11. Ham rigs aren't
channelized, even the 5- and 12.5-kHz-step V/UHF rigs read out in mHz.
"Sidney J. Latham" <sidneylatham@home.com> wrote in message
news:wAYz4.2690$S4.59320@news1.rdc1.il.home.com...
> Channel 11 on the CB is not frequency 27.185.
> 27.185 is Channel 19.
>
> SJL
> KZM6484
> "heat sink" <announce@radio-org.com> wrote in message
> news:8apbfs$jvv$1@slb7.atl.mindspring.net...
> > Here is a listing of the six new HF CB bands available
> > April, 2000, their designations and allowable modes.
> >
> > Note: This bandplan has been endorsed by the C.B.R.L., Citizen
> > Band Relay League, Newington CT.
> >
> > Band Frequency Allowable
> > Range(mHz) Emmissions
>
> ------------------------------------------------------------------------
> ---
> > CB-160 1.8 - 2.0 Splatter Mode, Echo-mics o.k.
> > CB-80 3.5 - 4.0 Belching & Farting permitted on 3.950
> > CB-40 7.0 - 7.3 Splatter mode, 7.2 echo-mic calling
> freq.
> > CB-20 14.0 - 13.35 Jamming modes permitted on 14.313
> > CB-15 21.0 - 21.45 Noise Toys & Roger beeps ok below 21.250
> > CB-11 27.185 Restructured amateur calling frequency.
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> >
> > Profanity, insults, and Cursing are permitted if phrases like
> > "Extra Class" or "Morse Code" are used in the same sentence.
> >
> > Discussions of a technical nature are rarely heard and prohibited.
> >
> > I'm 10-7, 10-4?
> >
> > See ya on the new Bands!
> >
> >
>
```

>

817. Re: 6 New High frequency CB radio Bands Authorized.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-17 00:00:00 UTC
From: Joe Schlatter <w4hh@3wave.com>
Message-ID: <ushA4.8069$511.2083724@tw11.nn.bcandid.com>
Source record: 9851
Cross-posted to:
rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

Perhaps he is the sort of old-fashioned person who takes pride in doing
something that requires a bit of dedication and effort.

I'll never win any Olympic gold but, at age 55, I still run a marathon each
year.

It's known as personal challenge.

It's one of those things that, if you have to ask, you would not understand
the answer.

--

Regards,
Joe Schlatter
joe@schlatter.org
http://www.schlatter.org/
http://www.miafacts.org/
Amateur Radio Extra Class call sign W4HH

Mark wrote in message ...
>On Thu, 16 Mar 2000 07:30:12 -0700, Martin Meserve <meserve@my-deja.com>
>wrote:
>
>>When I heard about the license restructuring, in Dec 1998, I
>>decided that this was my last chance to prove to myself that I
>>could do it. It took 6 months of effort but I did pass the 20 WPM
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>>if they change everything. I did it only for myself. I have been
>>loving Ham Radio for over 35 years and I don't intend to stop
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>I'm glad you feel good about yourself, but what did you accomplish by
rushing
>out do so something that you KNEW would go away? It just seems to
demonstrate
>that you have lots of free time.
>
>Not a slam, but I just don't see it.

818. Re: 6 New High frequency CB radio Bands Authorized.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-17 00:00:00 UTC
From: Bill Nelson <billn@spock.peak.org>
Message-ID: <8asdbhjrr8@bashir.peak.org>
Source record: 9852
Cross-posted to:
rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

In rec.radio.cb Mark <my@antispam.mail> wrote:

:>When I heard about the license restructuring, in Dec 1998, I
:>decided that this was my last chance to prove to myself that I
:>could do it. It took 6 months of effort but I did pass the 20 WPM
:>test (with solid copy) and finally made Extra. Now, I don't care
:>if they change everything. I did it only for myself. I have been
:>loving Ham Radio for over 35 years and I don't intend to stop
:>loving it.

: I'm glad you feel good about yourself, but what did you accomplish by rushing
: out do so something that you KNEW would go away? It just seems to demonstrate
: that you have lots of free time.

: Not a slam, but I just don't see it.

It gives a sense of personal accomplishment. Something similar can be
obtained by getting the ARRL CW speed endorsement stickers (I assume
that the program will be continued).

I don't know about you, but the things in my life that I appreciate the
most are the ones where I had to exert effort to accomplish.

--
Bill Nelson (billn@peak.org)

819. Re: 6 New High frequency CB radio Bands Authorized.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-17 00:00:00 UTC
From: Bill Nelson <billn@spock.peak.org>
Message-ID: <8asdfbjrr9@bashir.peak.org>
Source record: 9853
Cross-posted to:
rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

In rec.radio.cb tnom@mucks.net wrote:
: On Thu, 16 Mar 2000 20:21:41 GMT, Gary Danaher <gdanaher@home.com>
: wrote:

:>You've never heard of learning for the sake of learning? Most amateurs
:>don't upgrade to prove something to others--most do it to prove
:>something to themselves.
:>
: Give me a break. Many Hams can't pass up the chance of waving
: a piece of paper in the face of any one who does not also
: posses that same piece of paper.

Sure, and there are many CBers love to wave the fact that they can talk
DX without a license in the face of Hams.

There are such people in both groups. Most Hams and CBers just get on the
air and operate - and do not brag about what license or station power they
may or may not have.

--
Bill Nelson (billn@peak.org)

820. Re: 6 New High frequency CB radio Bands Authorized.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-17 00:00:00 UTC
From: Bill Nelson <billn@spock.peak.org>
Message-ID: <8asduljrr11@bashir.peak.org>
Source record: 9854
Cross-posted to:
rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

In rec.radio.cb W6RCecilA <Cecil.A.Moore@ieee.org> wrote:
: Mark wrote:
:> I'm glad you feel good about yourself, but what did you accomplish by rushing
:> out do so something that you KNEW would go away? It just seems to demonstrate
:> that you have lots of free time.
:>
:> Not a slam, but I just don't see it.

: Unlike some extras on this newsgroup, he didn't do it for the
: purpose of being worshipped by other hams - he did it for himself
: which is exactly as it should be.

Exactly. I will be getting my Ham license again, after a lapse of about
20 years. It will be the Extra Class license. I plan on spending just
about all my time in the CW segments. After all these years of not
being able to get my speed above about 10 wpm by listening to the code,
I am hoping I can do so by actual on-the-air practice. The Novice
bands were hopeless - few seemed to be able to manage over about 8 wpm.

--
Bill Nelson (billn@peak.org)

821. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-17 00:00:00 UTC
From: hunefer@earthlink.net
Message-ID: <38D1DFAE.A3E723D5@earthlink.net>
Source record: 9855
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Nobody cares what you do !!
Go find a jigsaw puzzle , or make a quilt .
Or best yet .... stop whining and join a support group .

822. Re: 6 New High frequency CB radio Bands Authorized.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-17 00:00:00 UTC
From: Dave Hall <nojunkmail_n3cvj@worldlynx.net>
Message-ID: <38D23513.5206@worldlynx.net>
Source record: 9856
Cross-posted to:
rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

Mark wrote:
>
> On Thu, 16 Mar 2000 07:30:12 -0700, Martin Meserve <meserve@my-deja.com>
> wrote:
>
> >When I heard about the license restructuring, in Dec 1998, I
> >decided that this was my last chance to prove to myself that I
> >could do it. It took 6 months of effort but I did pass the 20 WPM
> >test (with solid copy) and finally made Extra. Now, I don't care
> >if they change everything. I did it only for myself. I have been
> >loving Ham Radio for over 35 years and I don't intend to stop
> >loving it.
>
> I'm glad you feel good about yourself, but what did you accomplish by rushing
> out do so something that you KNEW would go away? It just seems to demonstrate
> that you have lots of free time.
>
> Not a slam, but I just don't see it.

It's called "bragging rights". It's nothing more than the ability to
tell a newcommer that you earned your license the "old way", which is
SUPPOSED to convey some sort of superior status over newcommers.

Strictly an ego thing.....

Dave
"Sandbagger"

823. Re: 6 New High frequency CB radio Bands Authorized.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-17 00:00:00 UTC
From: Gary Danaher <gdanaher@home.com>
Message-ID: <38D239CB.9B7F2FFF@home.com>
Source record: 9857
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

So, tell me, how are these 'bragging rights' different from some guy who shows up at a CB shootout with his Suburban equipped with 11 alternators?

Dave Hall wrote:
>
> Mark wrote:
> >
> > On Thu, 16 Mar 2000 07:30:12 -0700, Martin Meserve <meserve@my-deja.com>
> > wrote:
> >
> > >When I heard about the license restructuring, in Dec 1998, I
> > >decided that this was my last chance to prove to myself that I
> > >could do it. It took 6 months of effort but I did pass the 20 WPM
> > >test (with solid copy) and finally made Extra. Now, I don't care
> > >if they change everything. I did it only for myself. I have been
> > >loving Ham Radio for over 35 years and I don't intend to stop
> > >loving it.
> >
> > I'm glad you feel good about yourself, but what did you accomplish by rushing
> > out do so something that you KNEW would go away? It just seems to demonstrate
> > that you have lots of free time.
> >
> > Not a slam, but I just don't see it.
>
> It's called "bragging rights". It's nothing more than the ability to
> tell a newcommer that you earned your license the "old way", which is
> SUPPOSED to convey some sort of superior status over newcommers.
>
> Strictly an ego thing.....
>
> Dave
> "Sandbagger"

824. Re: I'm stupid and I like it that way.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-17 00:00:00 UTC
From: Dave or Debby <truth@planetc.com>
Message-ID: <38d25bb1@news.planetc.com>
Source record: 9858
Cross-posted to:
rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

Is that why your name is B-O-B bob? Hambos will die because of their
arrogance against da 11 meter band!!!!!
Dave!!!!

Bob wrote in message <38D048F3.24E09977@bob.com>...
>I would rather no restructuring so HAM radio would die
>quicker than it already is.
>

825. Re: 6 New High frequency CB radio Bands Authorized.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-17 00:00:00 UTC
From: Peter Gottlieb <peter@NewYorkNERD.com>
Message-ID: <u7KnkFEk$GA.260@cpmsnbbsa04>
Source record: 9859
Cross-posted to:
rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

Sounds great! Now how can I transmit on all channels at once!

Prince of Coyotes <fdecker@catskill.net> wrote in message
news:sd317dtd9n97@corp.supernews.com...
> He meant CB-11 as in "11-meter band," not channel 11. Ham rigs aren't
> channelized, even the 5- and 12.5-kHz-step V/UHF rigs read out in mHz.
> "Sidney J. Latham" <sidneylatham@home.com> wrote in message
> news:wAYz4.2690$S4.59320@news1.rdc1.il.home.com...
> > Channel 11 on the CB is not frequency 27.185.
> > 27.185 is Channel 19.
> >
> > SJL
> > KZM6484
> > "heat sink" <announce@radio-org.com> wrote in message
> > news:8apbfsjvv1@slb7.atl.mindspring.net...
> > > Here is a listing of the six new HF CB bands available
> > > April, 2000, their designations and allowable modes.
> > >
> > > Note: This bandplan has been endorsed by the C.B.R.L., Citizen
> > > Band Relay League, Newington CT.
> > >
> > > Band Frequency Allowable
> > > Range(mHz) Emmissions
> >
>
> ---
> > ---
> > > CB-160 1.8 - 2.0 Splatter Mode, Echo-mics o.k.
> > > CB-80 3.5 - 4.0 Belching & Farting permitted on 3.950
> > > CB-40 7.0 - 7.3 Splatter mode, 7.2 echo-mic calling
> > freq.
> > > CB-20 14.0 - 13.35 Jamming modes permitted on 14.313
> > > CB-15 21.0 - 21.45 Noise Toys & Roger beeps ok below 21.250
> > > CB-11 27.185 Restructured amateur calling frequency.
> > > CB-10 28.0 - 29.7 Tweak your CB a bit more and you're
there!
> > >
> > > Profanity, insults, and Cursing are permitted if phrases like
> > > "Extra Class" or "Morse Code" are used in the same sentence.
> > >
> > > Discussions of a technical nature are rarely heard and prohibited.
> > >
> > > I'm 10-7, 10-4?

> > >
> > > See ya on the new Bands!
> > >
> > >
> >
> >
>
>

826. Re: 6 New High frequency CB radio Bands Authorized.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-17 00:00:00 UTC
From: Dave Hall <nojunkmail_n3cvj@worldlynx.net>
Message-ID: <38D29EB9.5BE3@worldlynx.net>
Source record: 9860
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

Gary Danaher wrote:
>
> So, tell me, how are these 'bragging rights' different from some guy who
> shows up at a CB shootout with his Suburban equipped with 11
> alternators?
>

Probably not much. Neither one are worth bragging about.

The point is that anytime someone does something for the primary reason
of elevating himself up to a higher plane, wrt his peers, it's nothing
more than self-praise, a poor substitute for mutual respect.....

Dave

827. N1IR AND FRACTAL QUAD YAGI--THIS WEEKEND!

Newsgroup: rec.radio.amateur.space
Date: 2000-03-17 00:00:00 UTC
From: fractenna@aol.com
Message-ID: <20000317170436.17333.00005062@ng-xe1.aol.com>
Source record: 9861

I'm happy to report that Chip (the ol' man himself) will be on this weekend on 10M with the Fractal Quad Yagi, working Europeans. He will be on about 1300 UTC somewhere in or near about 28490 to 28500 KHz. He will try (but no promises) to get on both days of the weekend so take a listen to see how that lil' fractal antenna plays! Usually he stays on an hour or so.

Background info can be found on the ham page on

http://www.fractenna.com

Chip's fractal antenna work has appeared in RadCom, Practical Wireless, World Radio News, 73, Communications Quarterly, Radio Revisita, Monitoring Times, QTC, Scientific American, Discover, Science et Vie, and many other magazines.

Hear and work the latest innovation to the world of antennas from Chip himself:-)

73
Phil
de N1ZKT

828. Re: 6 New High frequency CB radio Bands Authorized.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-17 00:00:00 UTC
From: Brian <burke1@icss.net>
Message-ID: <38D2D4A9.2313AB5E@icss.net>
Source record: 9862
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

Dave Hall wrote:

> Gary Danaher wrote:
> >
> > So, tell me, how are these 'bragging rights' different from some guy who
> > shows up at a CB shootout with his Suburban equipped with 11
> > alternators?
> >
>
> Probably not much. Neither one are worth bragging about.
>
> The point is that anytime someone does something for the primary reason
> of elevating himself up to a higher plane, wrt his peers, it's nothing
> more than self-praise, a poor substitute for mutual respect.....
>
> Dave

Dave, aren't we supposed to keep up with the Joneses? Aren't we supposed to envy his achievement so much so that we pull ourselves up to his new level? Which just pushes him to achieve even more than anyone else, making them even more envious?

Brian

829. Iridium shutdown

Newsgroup: rec.radio.amateur.space
Date: 2000-03-17 00:00:00 UTC
From: Crazy George <munsch@ATTGLOBAL.net>
Message-ID: <38d2d869_1@news1.prserv.net>
Source record: 9863
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.space

I confess I am not a regular here, but I want to present a thought. Iridium is shutting down tonight at midnight. Plans are to deorbit the satellites and let them burn up. I am proposing that the SYSTEM and frequency allocations be donated to amateur radio for a world wide emergency communications system. Now, now, seriously, the big costs are all past. Labor for operating earth stations to perform stationkeeping on the satellites is the only ongoing expense, and that would be voluntary ham effort.
--
Crazy George

830. Re: Iridium shutdown

Newsgroup: rec.radio.amateur.space
Date: 2000-03-17 00:00:00 UTC
From: Jeff Grey <cdma77@aol.com>
Message-ID: <38D2E485.764F@aol.com>
Source record: 9864
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.space

Crazy George wrote:
>
> I confess I am not a regular here, but I want to present a thought. Iridium
> is shutting down tonight at midnight. Plans are to deorbit the satellites
> and let them burn up. I am proposing that the SYSTEM and frequency
> allocations be donated to amateur radio for a world wide emergency
> communications system. Now, now, seriously, the big costs are all past.
> Labor for operating earth stations to perform stationkeeping on the
> satellites is the only ongoing expense, and that would be voluntary ham
> effort.
> --
> Crazy George

Nope,

They got an extension unil 3/27/00, sorry no artificial meteor shower
tonight !!!!

831. Re: 6 New High frequency CB radio Bands Authorized.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-17 00:00:00 UTC
From: Prince of Coyotes <fdecker@catskill.net>
Message-ID: <sd5prgbufja71@corp.supernews.com>
Source record: 9865
Cross-posted to:
rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

```
Ask any CBer that's clipped his modulation limiter and runs a kilowatt. I
guess they think that a so-called "10 meter" radio that covers 25-28 MHz
should be heard across its whole range! BTW, anyone have a used SW
broadcast transmitter for sale? 50KW should do it.
"Peter Gottlieb" <peter@NewYorkNERD.com> wrote in message
news:u7KnkFEk$GA.260@cpmsnbbsa04...
> Sounds great! Now how can I transmit on all channels at once!
>
> Prince of Coyotes <fdecker@catskill.net> wrote in message
> news:sd317dtd9n97@corp.supernews.com...
> > He meant CB-11 as in "11-meter band," not channel 11. Ham rigs aren't
> > channelized, even the 5- and 12.5-kHz-step V/UHF rigs read out in mHz.
> > "Sidney J. Latham" <sidneylatham@home.com> wrote in message
> > news:wAYz4.2690$S4.59320@news1.rdc1.il.home.com...
> > > Channel 11 on the CB is not frequency 27.185.
> > > 27.185 is Channel 19.
> > >
> > > SJL
> > > KZM6484
> > > "heat sink" <announce@radio-org.com> wrote in message
> > > news:8apbfs$jvv$1@slb7.atl.mindspring.net...
> > > > Here is a listing of the six new HF CB bands available
> > > > April, 2000, their designations and allowable modes.
> > > >
> > > > Note: This bandplan has been endorsed by the C.B.R.L., Citizen
> > > > Band Relay League, Newington CT.
> > > >
> > > > Band Frequency Allowable
> > > > Range(mHz) Emmissions
> > > >
> > >
>
> ------------------------------------------------------------------------
> > > ---
> > > > CB-160 1.8 - 2.0 Splatter Mode, Echo-mics o.k.
> > > > CB-80 3.5 - 4.0 Belching & Farting permitted on
3.950
> > > > CB-40 7.0 - 7.3 Splatter mode, 7.2 echo-mic
calling
> > > freq.
> > > > CB-20 14.0 - 13.35 Jamming modes permitted on 14.313
> > > > CB-15 21.0 - 21.45 Noise Toys & Roger beeps ok below
```

21.250
> > > > CB-11 27.185 Restructured amateur calling
frequency.
> > > > CB-10 28.0 - 29.7 Tweak your CB a bit more and you're
> there!
> > > >
> > > > Profanity, insults, and Cursing are permitted if phrases like
> > > > "Extra Class" or "Morse Code" are used in the same sentence.
> > > >
> > > > Discussions of a technical nature are rarely heard and prohibited.
> > > >
> > > > I'm 10-7, 10-4?
> > > >
> > > > See ya on the new Bands!
> > > >
> > > >
> > >
> > >
> >
> >
>
>

832. Re: Iridium shutdown

Newsgroup: rec.radio.amateur.space
Date: 2000-03-17 00:00:00 UTC
From: Daniel nicholson <dnicholson@socket.net>
Message-ID: <sd5s5g3gfja42@corp.supernews.com>
Source record: 9866
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.space

Sounds like a great idea to me!!!! N0w who do we ask for the hardware??

Crazy George wrote in message <38d2d869_1@news1.prserv.net>...
>I confess I am not a regular here, but I want to present a thought.
Iridium
>is shutting down tonight at midnight. Plans are to deorbit the satellites
>and let them burn up. I am proposing that the SYSTEM and frequency
>allocations be donated to amateur radio for a world wide emergency
>communications system. Now, now, seriously, the big costs are all past.
>Labor for operating earth stations to perform stationkeeping on the
>satellites is the only ongoing expense, and that would be voluntary ham
>effort.
>--
>Crazy George
>
>
>
>

833. FA Transco "Y" SP4T--One Day Remaining

Newsgroup: rec.radio.amateur.space
Date: 2000-03-17 00:00:00 UTC
From: John Klewer <n6ax@pacbell.net>
Message-ID: <38D2FC5C.3EC2BE91@pacbell.net>
Source record: 9867
Cross-posted to: rec.radio.swap,rec.radio.amateur.homebrew,rec.radio.amateur,antenna,rec.radio.amateur.space

Transco model Y single pole 4 position relay, N connectors on ebay ends tomorrow morning

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=281961565

Thanks

834. RE; CB- I am getting tired of this

Newsgroup: rec.radio.amateur.space
Date: 2000-03-18 00:00:00 UTC
From: PR <special@rochester.rr.com>
Message-ID: <S%BA4.437$jX3.2330@typhoon.nyroc.rr.com>
Source record: 9868
Cross-posted to:
rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

I am really getting tired of hearing about how bad HAM RADIO is going to be. I think it is going to be great. The worse thing that I can see is the mentality of some of those who are doing all of the crowing. But like it or not, change is coming my friend. Look at it as an oportunity and it will be. look at it as a problem and it will be. Why don't we offer to help the new people by making this a program of attraction. Set an example. Why not give it a chance ?

The only thing I see happening by all of this talk is that this newsgroup is going down the dumper

835. Re: 6 New High frequency CB radio Bands Authorized.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-18 00:00:00 UTC
From: vlfiscus@mcn.net
Message-ID: <sd6aum4hfja76@corp.supernews.com>
Source record: 9869
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

What the difference between the ARRL Board of Directors and a Vacuum Cleaner?

A vacuum cleaner only has one dirt-bag in it.

In article <38d031ba.381450699@nntp.one-eleven.net>, konstans@oneleven.net
wrote:
>On Thu, 16 Mar 2000 00:55:57 GMT, announce@radio-org.com (heat sink)
>wrote:
>
>>Note: This bandplan has been endorsed by the C.B.R.L., Citizen
>>Band Relay League, Newington CT.
>
> I realy find it priceless to blame the ARRL for restructing.
>They did everything possible to stop from showing up at all, and when
>it FCC decided to go ahaead anyway (which was something of suprise to
>me) the ARRL put forth the best that it hoped it could get on Morse
>Code, yes they failed to get it (thank the gods), but they did their
>best for the code bigots
>

836. Re: WTB: FT-726R Module

Newsgroup: rec.radio.amateur.space
Date: 2000-03-18 00:00:00 UTC
From: "George J. Molnar" <George@Molnar.com>
Message-ID: <38D39F79.9927EEAF@Molnar.com>
Source record: 9870

I have an FT-726r with Satellite Module and 70cm. Would you like to buy
the radio? I really don't want to sell just parts, though.

Jeff Grey wrote:
>
> Looking for 70cm satellite module for FT-726R
>
> Jeff
> N8EIP

--
George J. Molnar
http://George.Molnar.com

837. Re: I'm stupid and I like it that way.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-18 00:00:00 UTC
From: dmoisan@shore.net
Message-ID: <38d3b039.101579930@news.shore.net>
Source record: 9871
Cross-posted to:
rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

On Thu, 16 Mar 2000 11:39:30 -0700, "R.L. Tannehill, P.E."
<rickw7rt@mail.firstinter.net> wrote:
>
>Perhaps it would be better for those that wanted no kind of change ever
>again to the hobby/service to depart themselves, rather than see their
>beloved hobby depart....that way it leaves it for the rest of us who
>have a more realistic attitude toward change.

People don't realize this about the FCC: If they had *really* wanted
to "destroy ham radio", all they would have to do is to do *nothing*.
It plays right into a bureaucrat's natural desire for inaction.

Their R&O, on the other hand, is every bit a *hard* dope slap to the
bitter old meanies, including not a few of the ARRL, that change has
to happen to save their (and our) beloved service; it's an effort to
save us from ourselves.

I would not cry if some of these bitter old meanies departed us. Not
a bit.

Take care and 73's,

Dave
Extra-in-Waiting
David Moisan, N1KGH, GROL n1kgh@amsat.org
Invisible Disability: http://www1.shore.net/~dmoisan/invisible_disability.html
GE Superradio FAQ: http://www1.shore.net/~dmoisan/faqs/superradio/gesr_faq.html
Sangean ATS-909 FAQ: http://www1.shore.net/~dmoisan/faqs/sangean/ats909faq.html

838. Re: I'm stupid and I like it that way.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-18 00:00:00 UTC
From: Glenn <glenn.hansen@usa.net>
Message-ID: <VARA4.605$8R4.49556@news.uswest.net>
Source record: 9872
Cross-posted to:
rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

David Moisan <dmoisan@shore.net> wrote ...
> People don't realize this about the FCC: If they had *really* wanted
> to "destroy ham radio", all they would have to do is to do *nothing*.
> It plays right into a bureaucrat's natural desire for inaction.

Uhh Dave. The FCC doesn't make the laws does it?

Glenn

839. Re: RE; CB- I am getting tired of this

Newsgroup: rec.radio.amateur.space
Date: 2000-03-18 00:00:00 UTC
From: Jenny <joff@mail.com>
Message-ID: <38D4114E.3551@mail.com>
Source record: 9873
Cross-posted to:
rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

PR wrote:
>
> I am really getting tired of hearing about how bad HAM RADIO is going to be.

Only to those who are not going to be able to force Morse Code on to people, they will be quickly be made the fool of when it is entirely removed as a requirement in 2003.

They will also be quite amazed to see how Morse Code will take off and become more popular than ever in the second half of this decade when people turn to it as a fun nostalgic mode when it is not something that is forced opon anyone. No one wants to learn or do anything that they are forced to do "just because" someone said so. Wait and see how many people decide to learn it on their own once it is something to learn and do JUST FOR FUN! Wait and see!

I had to learn it "just because" I had to in order to talk on a microphone on HF. (as silly and illogical as that sounds) and never used it ONCE after getting my license. Once the code requirement is removed, I will be one of the first to relearn the code (have since forgotten all but 4 or 5 letters of it) and start using it once it is not a forced upon me like some rapist.

840. Re: FA Transco "Y" SP4T--One Day Remaining

Newsgroup: rec.radio.amateur.space
Date: 2000-03-19 00:00:00 UTC
From: n7ws@arrl.net
Message-ID: <38d43831.126849286@news.azstarnet.com>
Source record: 9874
Cross-posted to: rec.radio.swap,rec.radio.amateur.homebrew,rec.radio.amateur,antenna,rec.radio.amateur.space

On Fri, 17 Mar 2000 19:47:40 -0800, John Klewer <n6ax@pacbell.net> wrote:

Hmmm. I've never seen a Transco "Y" relay with latching coils.
>

841. looking for sat set up

Newsgroup: rec.radio.amateur.space
Date: 2000-03-19 00:00:00 UTC
From: busdriver1@freewwweb.com
Message-ID: <38d43dbe.7458860@news.freewwweb.com>
Source record: 9875

would like a set of icoms with cable link looking for all parts
for system 70cm up 2 mt down ants preamps anything to deal
with satalites i need all equipment looking for good deals
even if equip is old as long as price refects condition
.... and also a goo hf rig like a 757 gx2 or kenwood
520 820 830 930 tube rigs ok ....
BUSDRIVER1@FREEWWWEB.COM
WEB SITE WWW.CBguy.com
1-800-303-5152

842. Re: WTB: FT-726R Module

Newsgroup: rec.radio.amateur.space
Date: 2000-03-19 00:00:00 UTC
From: busdriver1@freewwweb.com
Message-ID: <38d43da2.7431221@news.freewwweb.com>
Source record: 9876

how much for the radio
>I have an FT-726r with Satellite Module and 70cm. Would you like to buy
>the radio? I really don't want to sell just parts, though.
>
>
>
>Jeff Grey wrote:
>>
>> Looking for 70cm satellite module for FT-726R
>>
>> Jeff
>> N8EIP
>
>--
>George J. Molnar
>http://George.Molnar.com

BUSDRIVER1@FREEWWWEB.COM
WEB SITE WWW.CBguy.com
1-800-303-5152

843. WTB: KCT/T or other Tracker & Tuner

Newsgroup: rec.radio.amateur.space
Date: 2000-03-19 00:00:00 UTC
From: bshort@speedchoice.com
Message-ID: <MPG.133e7e7b1c291086989802@news.speedchoice.com>
Source record: 9877

Looking for a Kansas City Tracker/Tuner or possibly
some other interface.

--
k7on@arrl.net >or< http://www.qsl.net/k7on/
--

844. WTB Yaesu GR-5400 Rotor

Newsgroup: rec.radio.amateur.space
Date: 2000-03-19 00:00:00 UTC
From: Bear <lgroom@frontiernet.net>
Message-ID: <8b2mis$64p6$1@node17.cwnet.frontiernet.net>
Source record: 9878

Looking to buy a Yaesu GR-5400 rotor system. Reply via email..... Thanks!

Larry W0FLY
lgroom@frontiernet.net

845. Re: Iridium shutdown

Newsgroup: rec.radio.amateur.space
Date: 2000-03-19 00:00:00 UTC
From: mike frye <km6ab@pacbell.net>
Message-ID: <38D4FD62.A92B2D49@pacbell.net>
Source record: 9879
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.space

Burning up 60 or so new satellites is a ridiculous thought. They are not going to de-orbit them and they cannot be used for ham stuff. Even the old out of service satellites are usually parked out of the way and left alone, not sent to a fiery grave. Steve McCaw/Teledesic will probably buy the system and use it for high speed internet or something that might make a profit.

Crazy George wrote:

> I confess I am not a regular here, but I want to present a thought. Iridium
> is shutting down tonight at midnight. Plans are to deorbit the satellites
> and let them burn up. I am proposing that the SYSTEM and frequency
> allocations be donated to amateur radio for a world wide emergency
> communications system. Now, now, seriously, the big costs are all past.
> Labor for operating earth stations to perform stationkeeping on the
> satellites is the only ongoing expense, and that would be voluntary ham
> effort.
> --
> Crazy George

846. satellite antennas

Newsgroup: rec.radio.amateur.space
Date: 2000-03-19 00:00:00 UTC
From: Rob Hull <rhka0fbj@winco.net>
Message-ID: <8b34ei$6kg$1@news3.infoave.net>
Source record: 9880

Am looking to buy used pair of satellite antennas. 2m and 435mhz.
Thanks
Rob Hull ka0fbj

847. satscape V1.40

Newsgroup: rec.radio.amateur.space
Date: 2000-03-19 00:00:00 UTC
From: Robert Hansil <rhansil@shawneelink.net>
Message-ID: <38D52DB5.54AC8521@shawneelink.net>
Source record: 9881

Hello any one useing satscape V1.40?
When I try to install it gives me a notice the computer files need updated click ok to update and restart your computer Then the same thing over and over.
Does any one have a version prior to 1.40 with the 2000 fix THEY CAN SEND ME?
I had a prior version of satscape running fine then the Harddrive died, Like a AMATEUR I did not have a backup.
If you have a copy of the prior version send it to rhansil@nospamshawneelink.net
Remove (nospam).
Thank you for your time.

848. Re: Iridium shutdown

Newsgroup: rec.radio.amateur.space
Date: 2000-03-19 00:00:00 UTC
From: Craig Patterson <craiglp@swbell.net>
Message-ID: <38D5402C.A30A6CB9@swbell.net>
Source record: 9882
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.space

As was discussed in an earlier thread regarding Iridium, the only way Motorola and the rest of the Iridium partners can recoup any of their costs via tax losses and such is to deorbit all of the sats...

As far as ongoing costs go, the partners are over $4.4 billion in debt from operations.

Crazy George wrote:

> I confess I am not a regular here, but I want to present a thought. Iridium
> is shutting down tonight at midnight. Plans are to deorbit the satellites
> and let them burn up. I am proposing that the SYSTEM and frequency
> allocations be donated to amateur radio for a world wide emergency
> communications system. Now, now, seriously, the big costs are all past.
> Labor for operating earth stations to perform stationkeeping on the
> satellites is the only ongoing expense, and that would be voluntary ham
> effort.
> --
> Crazy George

849. Re: I'm stupid and I like it that way.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-19 00:00:00 UTC
From: jeffreyh@Hawaii.Edu
Message-ID: <8b3idh$l10$1@news.hawaii.edu>
Source record: 9883
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

Glenn <glenn.hansen@usa.net> wrote:
>Uhh Dave. The FCC doesn't make the laws does it?

Who made the "ID every 10 minutes" law? Congress? Did the House debate for days as to how often we should ID? Did the Senate reject the House's recommendation, only to have it rescued by the Executive Branch?

73, Jeff KH6O (for ID)

850. Re: I'm stupid and I like it that way.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-19 00:00:00 UTC
From: Randy Nowell <nowell@mediaone.net>
Message-ID: <5sdB4.7171$Of2.245303@typhoon.ne.mediaone.net>
Source record: 9884
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

Jeffrey Herman <jeffreyh@Hawaii.Edu> wrote in message
news:8b3idh$l10$1@news.hawaii.edu...
>
> Who made the "ID every 10 minutes" law? Congress?
> 73, Jeff KH6O (for ID)

Wasn't this Al Gore's idea?

851. Re: 6 New High frequency CB radio Bands Authorized.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-19 00:00:00 UTC
From: Dave or Debby <truth@planetc.com>
Message-ID: <38d57237@news.planetc.com>
Source record: 9885
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

Were the 11 alternators all hooked up & working in parallel or what? Did
they stick out of the hood like the air scoops in the 70's cars? Did it
"blow smoke?"
Dave!!!!!

Gary Danaher wrote in message <38D239CB.9B7F2FFF@home.com>...
>So, tell me, how are these 'bragging rights' different from some guy who
>shows up at a CB shootout with his Suburban equipped with 11
>alternators?
>
>Dave Hall wrote:
>>
>> Mark wrote:
>> >
>> > On Thu, 16 Mar 2000 07:30:12 -0700, Martin Meserve
<meserve@my-deja.com>
>> > wrote:
>> >
>> > >When I heard about the license restructuring, in Dec 1998, I
>> > >decided that this was my last chance to prove to myself that I
>> > >could do it. It took 6 months of effort but I did pass the 20 WPM
>> > >test (with solid copy) and finally made Extra. Now, I don't care
>> > >if they change everything. I did it only for myself. I have been
>> > >loving Ham Radio for over 35 years and I don't intend to stop
>> > >loving it.
>> >
>> > I'm glad you feel good about yourself, but what did you accomplish by
rushing
>> > out do so something that you KNEW would go away? It just seems to
demonstrate
>> > that you have lots of free time.
>> >
>> > Not a slam, but I just don't see it.
>>
>> It's called "bragging rights". It's nothing more than the ability to
>> tell a newcommer that you earned your license the "old way", which is
>> SUPPOSED to convey some sort of superior status over newcommers.
>>
>> Strictly an ego thing.....
>>
>> Dave
>> "Sandbagger"

852. Re: Iridium shutdown

Newsgroup: rec.radio.amateur.space
Date: 2000-03-19 00:00:00 UTC
From: Crazy George <munsch@attglobal.net>
Message-ID: <38d5adc1_1@news1.prserv.net>
Source record: 9886
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.space

Well, you certainly haven't been reading the news reports of the court proceedings, have you? Motorola wants to have a $6 or $8 Billion write off, and wash their hands of it.

--
Crazy George
mike frye <km6ab@pacbell.net> wrote in message
news:38D4FD62.A92B2D49@pacbell.net...
> Burning up 60 or so new satellites is a ridiculous thought. They are not
going
> to de-orbit them and they cannot be used for ham stuff. Even the old out
of
> service satellites are usually parked out of the way and left alone, not
sent to
> a fiery grave. Steve McCaw/Teledesic will probably buy the system and use
it for
> high speed internet or something that might make a profit.
>

<snip>

853. Re: I'm stupid and I like it that way.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-19 00:00:00 UTC
From: Glenn <glenn.hansen@usa.net>
Message-ID: <RsjB4.648$mR1.18320@news.uswest.net>
Source record: 9887
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

No, he invented the internet.....

Randy Nowell <nowell@mediaone.net> wrote in message
news:5sdB4.7171$Of2.245303@typhoon.ne.mediaone.net...
>
> Jeffrey Herman <jeffreyh@Hawaii.Edu> wrote in message
> news:8b3idh$l10$1@news.hawaii.edu...
> >
> > Who made the "ID every 10 minutes" law? Congress?
> > 73, Jeff KH6O (for ID)
>
> Wasn't this Al Gore's idea?
>
>

854. Re: You're men are already dead.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-20 00:00:00 UTC
From: William Lee <n5wrx@parrett.net>
Message-ID: <38d67f9f.0@news>
Source record: 9799
Cross-posted to:
rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

Damm BOB ... you must be an old fart to have been alive back then.

Bob <bob@bob.com> wrote in message news:38D5BFB7.68447FD3@bob.com...
> You don't get it. "Amateur" radio is already dead, it died a long
> time ago. When the FCC came along and started to tell you what
> "modes" and frequencies you could use, along with how
> much power you can run...it really became something
> that would never interest me.
>
> I really couldn't care less about HAM radio.
>
>
>
>
> Hamish Moffatt wrote:
>
> > In rec.radio.amateur.space Bob <bob@bob.com> wrote:
> > > I would rather no restructuring so HAM radio would die
> > > quicker than it already is.
> >
> > Ham radio will be better off when attitudes like this cease.
> > Honestly, whether you like it or not, get over it! April 15 will
> > come and go, you might find some new people to talk to on HF
> > but otherwise you probably won't notice much difference.
> >
> > From what I read on these newsgroups, all the really badly behaved
> > ops are extras already!
> >
> > Some young people might get interested and actually progress the hobby
> > forward in some way. Wouldn't that be amazing? Less people talking on
> > HF about their currentl illnesses, I'll look forward to that.
> >
> > 73
> >
> > Hamish VK3SB
>

855. Re: Iridium shutdown

Newsgroup: rec.radio.amateur.space
Date: 2000-03-20 00:00:00 UTC
From: ds0007@medtronic.COM
Message-ID: <8b62bajri1@gazette.corp.medtronic.com>
Source record: 9800
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.space

Leaving stuff up there (as floating space junk) isn't optimal (long term).
Orbital debris is compounding at 5% annual rate. At this rate, it will
eventually lead to unfortunate/expensive accidents. It also incrementally
adds to the really tiny chance of a major space junk cascading collision
catastrophy as well.

One of the best articles I've found on space junk is at:
http://www.space.com/space/launches/spacejunk2.html

Some sites on Space Junk:
http://sn-callisto.jsc.nasa.gov/orbital_debris.html (Orbital Debris Research at JSC)
http://www.aero.org/cords/sdbasics.html (Center for Orbital and Reentry Debris Studies)

--
W0BOT
Dale Skiba

mike frye (km6ab@pacbell.net) wrote:
: Burning up 60 or so new satellites is a ridiculous thought. They are not going
: to de-orbit them and they cannot be used for ham stuff. Even the old out of
: service satellites are usually parked out of the way and left alone, not sent to
: a fiery grave. Steve McCaw/Teledesic will probably buy the system and use it for
: high speed internet or something that might make a profit.

856. Re: You're men are already dead.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-20 00:00:00 UTC
From: john
Message-ID: <5GwB4.10944$QN6.610881@newsfeed.intelenet.net>
Source record: 9801
Cross-posted to:
rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

sounds like a another whining Chicken Bander
Bob wrote in message <38D5BFB7.68447FD3@bob.com>...
>You don't get it. "Amateur" radio is already dead, it died a long
>time ago. When the FCC came along and started to tell you what
>"modes" and frequencies you could use, along with how
>much power you can run...it really became something
>that would never interest me.
>
>I really couldn't care less about HAM radio.
>
>
>
>
>Hamish Moffatt wrote:
>
>> In rec.radio.amateur.space Bob <bob@bob.com> wrote:
>> > I would rather no restructuring so HAM radio would die
>> > quicker than it already is.
>>
>> Ham radio will be better off when attitudes like this cease.
>> Honestly, whether you like it or not, get over it! April 15 will
>> come and go, you might find some new people to talk to on HF
>> but otherwise you probably won't notice much difference.
>>
>> From what I read on these newsgroups, all the really badly behaved
>> ops are extras already!
>>
>> Some young people might get interested and actually progress the hobby
>> forward in some way. Wouldn't that be amazing? Less people talking on
>> HF about their currentl illnesses, I'll look forward to that.
>>
>> 73
>>
>> Hamish VK3SB
>

857. Re: Iridium shutdown

Newsgroup: rec.radio.amateur.space
Date: 2000-03-20 00:00:00 UTC
From: Searoy <searoy@earthlink.net>
Message-ID: <pexB4.18280$Nn6.688824@newsread2.prod.itd.earthlink.net>
Source record: 9802
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.space

And to think, a year ago I was offered a job as sys admin there, a pretty
healthy salary and all. I only turned it down because I didn't want to live
on the east coast. Good thing huh?

--
*** Teach a Man to Fish ***
Searoy

Craig Patterson <craiglp@swbell.net> wrote in message
news:38D5402C.A30A6CB9@swbell.net...
> As was discussed in an earlier thread regarding Iridium, the only way
Motorola
> and the rest of the Iridium partners can recoup any of their costs via tax
> losses and such is to deorbit all of the sats...
>
> As far as ongoing costs go, the partners are over $4.4 billion in debt
from
> operations.
>
>
>
> Crazy George wrote:
>
> > I confess I am not a regular here, but I want to present a thought.
Iridium
> > is shutting down tonight at midnight. Plans are to deorbit the
satellites
> > and let them burn up. I am proposing that the SYSTEM and frequency
> > allocations be donated to amateur radio for a world wide emergency
> > communications system. Now, now, seriously, the big costs are all past.
> > Labor for operating earth stations to perform stationkeeping on the
> > satellites is the only ongoing expense, and that would be voluntary ham
> > effort.
> > --
> > Crazy George
>
>

858. Re: I'm stupid and I like it that way.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-20 00:00:00 UTC
From: dmoisan@shore.net
Message-ID: <38d6a43b.157232671@news.shore.net>
Source record: 9803
Cross-posted to:
rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

On Sat, 18 Mar 2000 12:21:19 -0800, "Glenn" <glenn.hansen@usa.net>
wrote:

>
>David Moisan <dmoisan@shore.net> wrote ...
>> People don't realize this about the FCC: If they had *really* wanted
>> to "destroy ham radio", all they would have to do is to do *nothing*.
>> It plays right into a bureaucrat's natural desire for inaction.
>
>
>Uhh Dave. The FCC doesn't make the laws does it?

No. What's your point?

David Moisan, N1KGH, GROL n1kgh@amsat.org
Invisible Disability: http://www1.shore.net/~dmoisan/invisible_disability.html
GE Superradio FAQ: http://www1.shore.net/~dmoisan/faqs/superradio/gesr_faq.html
Sangean ATS-909 FAQ: http://www1.shore.net/~dmoisan/faqs/sangean/ats909faq.html

859. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-20 00:00:00 UTC
From: dana <dana@randomc.com>
Message-ID: <Pine.GSO.4.10.10003201815130.29345-100000@cluster2>
Source record: 9804
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

I just canceled my arrl member ship as well.

On Thu, 9 Mar 2000, Rick wrote:

> Date: Thu, 09 Mar 2000 07:43:55 GMT
> From: Rick <Rickhit@worldnet.att.net>
> Newsgroups: rec.radio.amateur.misc, rec.radio.amateur.policy,
> rec.radio.amateur.space, rec.radio.scanner, rec.radio.shortwave
> Subject: Re: 60 Days until I turn in my VE badge.
>
>
> >>
> >> "Vince Fiscus, KB7ADL" wrote:
> >> >
> >> > I'm an ARRL accredited examiner, but not for long. I Canceled my League
> >> > membership in August, and I won't give exams under the new system. I'm
> >> > turning in my Badge.
> >> >
> >> > Anyone else have the guts to join me?
> >> >
> >> > 73 de KB7ADL
> >>
> > Good Riddance
> >
> > Rick KC2ESD
> >
> >

860. Re: Iridium shutdown

Newsgroup: rec.radio.amateur.space
Date: 2000-03-20 00:00:00 UTC
From: Brian <burke1@icss.net>
Message-ID: <38D6C86B.1E39240C@icss.net>
Source record: 9805
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.space

Dr. Suom wrote:

> OK, now with all that beeing said about debit and taxes, did anyone
> TRIED to talk to them ?!? The idea of burning the whole stuff is
> redicolous, and I wish many HAM guys would talk to them to see first IF
> IF there can be anything done to donate it to the HAM community. TAX
> laws and stuff are there, but they can be changed and there are
> exeptions to them. I'm no specialist in any HAM stuff, in fact I do not
> know anything about it, nor I do know about tac laws, but I think it's
> up to you guys to at least TRY.
>
> Imagine you guys 'own' a SAT network which is operated by individuals
> like you. Imagine the popularity Motorola gains in case this would work
> out. I guess they are open to new ideas if you talk to the chairmen.
> Imagine, you guys saved 1000's of life somewhere in the world during an
> earth-quake by making communication possible.
>
> I might be just dreaming, but why not try.
>
> Excuse my bad english, greetings from Germany!
>
> --
> Dr. Suom

Sure. If someone can donate their old car to the Salvation Army for a tax writeoff, why can't AMSAT....

861. Re: I'm stupid and I like it that way.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-20 00:00:00 UTC
From: Glenn <glenn.hansen@usa.net>
Message-ID: <kOAB4.557$R81.59304@news.uswest.net>
Source record: 9806
Cross-posted to:
rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

David Moisan <dmoisan@shore.net> wrote in message
news:38d6a43b.157232671@news.shore.net...
> On Sat, 18 Mar 2000 12:21:19 -0800, "Glenn" <glenn.hansen@usa.net>
> wrote:
>
> >
> >David Moisan <dmoisan@shore.net> wrote ...
> >> People don't realize this about the FCC: If they had *really* wanted
> >> to "destroy ham radio", all they would have to do is to do *nothing*.
> >> It plays right into a bureaucrat's natural desire for inaction.
> >
> >
> >Uhh Dave. The FCC doesn't make the laws does it?
>
> No. What's your point?

So David, what IS your point? Could you *clarify* this *point* of yours
then? If my *question* regarding who makes the laws seems to have no point I
obviously don't understand yours. Please *clarify*. What are you talking
about?

Thanks and 73,

Glenn

862. Re: Iridium shutdown

Newsgroup: rec.radio.amateur.space
Date: 2000-03-20 00:00:00 UTC
From: Jeff Grey <cdma77@aol.com>
Message-ID: <38D70A47.162@aol.com>
Source record: 9807
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.space

Searoy wrote:
>
> And to think, a year ago I was offered a job as sys admin there, a pretty
> healthy salary and all. I only turned it down because I didn't want to live
> on the east coast. Good thing huh?
>
> --
> *** Teach a Man to Fish ***
> Searoy
>
> Craig Patterson <craiglp@swbell.net> wrote in message
> news:38D5402C.A30A6CB9@swbell.net...
> > As was discussed in an earlier thread regarding Iridium, the only way
> Motorola
> > and the rest of the Iridium partners can recoup any of their costs via tax
> > losses and such is to deorbit all of the sats...
> >
> > As far as ongoing costs go, the partners are over $4.4 billion in debt
> from
> > operations.
> >
> >
> >
> > Crazy George wrote:
> >
> > > I confess I am not a regular here, but I want to present a thought.
> Iridium
> > > is shutting down tonight at midnight. Plans are to deorbit the
> satellites
> > > and let them burn up. I am proposing that the SYSTEM and frequency
> > > allocations be donated to amateur radio for a world wide emergency
> > > communications system. Now, now, seriously, the big costs are all past.
> > > Labor for operating earth stations to perform stationkeeping on the
> > > satellites is the only ongoing expense, and that would be voluntary ham
> > > effort.
> > > --
> > > Crazy George
> >
> >
Forget it guys, wrong freq, wrong mode (IS-136 TDMA),not worth the
hassle. Amsat could not support if it was given away free !!!

863. Re: 6 New High frequency CB radio Bands Authorized.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-20 00:00:00 UTC
From: john
Message-ID: <tZfB4.10834$QN6.599166@newsfeed.intelenet.net>
Source record: 9888
Cross-posted to:
rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

sounds like mike is a very lazy person..
M.J.Powell wrote in message ...
>In article <uuu1dsse8ogfirtko83k4dvtoelqsumd3a@4ax.com>, Mark
><my@antispam.mail> writes
>>On Thu, 16 Mar 2000 07:30:12 -0700, Martin Meserve <meserve@my-deja.com>
>>wrote:
>>
>>>When I heard about the license restructuring, in Dec 1998, I
>>>decided that this was my last chance to prove to myself that I
>>>could do it. It took 6 months of effort but I did pass the 20 WPM
>>>test (with solid copy) and finally made Extra. Now, I don't care
>>>if they change everything. I did it only for myself. I have been
>>>loving Ham Radio for over 35 years and I don't intend to stop
>>>loving it.
>>
>>I'm glad you feel good about yourself, but what did you accomplish by
rushing
>>out do so something that you KNEW would go away? It just seems to
demonstrate
>>that you have lots of free time.
>>
>>Not a slam, but I just don't see it.
>
>Personal satisfaction, obviously.
>
>Mike
>--
>M.J.Powell

864. You're men are already dead.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-20 00:00:00 UTC
From: Bob <bob@bob.com>
Message-ID: <38D5BFB7.68447FD3@bob.com>
Source record: 9889
Cross-posted to:
rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

You don't get it. "Amateur" radio is already dead, it died a long
time ago. When the FCC came along and started to tell you what
"modes" and frequencies you could use, along with how
much power you can run...it really became something
that would never interest me.

I really couldn't care less about HAM radio.

Hamish Moffatt wrote:

> In rec.radio.amateur.space Bob <bob@bob.com> wrote:
> > I would rather no restructuring so HAM radio would die
> > quicker than it already is.
>
> Ham radio will be better off when attitudes like this cease.
> Honestly, whether you like it or not, get over it! April 15 will
> come and go, you might find some new people to talk to on HF
> but otherwise you probably won't notice much difference.
>
> From what I read on these newsgroups, all the really badly behaved
> ops are extras already!
>
> Some young people might get interested and actually progress the hobby
> forward in some way. Wouldn't that be amazing? Less people talking on
> HF about their currentl illnesses, I'll look forward to that.
>
> 73
>
> Hamish VK3SB

865. Re: Iridium shutdown

Newsgroup: rec.radio.amateur.space
Date: 2000-03-20 00:00:00 UTC
From: Glass User <glassuser@TAKETHISOUT.hotmail.com>
Message-ID: <GHkB4.1467$SV4.37529@news.swbell.net>
Source record: 9890
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.space

Personally, I say screw Motorola/investors and a group of (anonymous)
individuals puts their own pirate sat up there to disable/hijack the
existing units. Yes, not at all practically possible, but it came to mind
immediately.
-- Glass

"Craig Patterson" <craiglp@swbell.net> wrote in message
news:38D5402C.A30A6CB9@swbell.net...
> As was discussed in an earlier thread regarding Iridium, the only way
Motorola
> and the rest of the Iridium partners can recoup any of their costs via tax
> losses and such is to deorbit all of the sats...
>
> As far as ongoing costs go, the partners are over $4.4 billion in debt
from
> operations.
>
>
>
> Crazy George wrote:
>
> > I confess I am not a regular here, but I want to present a thought.
Iridium
> > is shutting down tonight at midnight. Plans are to deorbit the
satellites
> > and let them burn up. I am proposing that the SYSTEM and frequency
> > allocations be donated to amateur radio for a world wide emergency
> > communications system. Now, now, seriously, the big costs are all past.
> > Labor for operating earth stations to perform stationkeeping on the
> > satellites is the only ongoing expense, and that would be voluntary ham
> > effort.
> > --
> > Crazy George
>
>

866. Re: news article: 66 Iridium satelites likely to become floating space junk

Newsgroup: rec.radio.amateur.space
Date: 2000-03-20 00:00:00 UTC
From: Glass User <glassuser@TAKETHISOUT.hotmail.com>
Message-ID: <FUkB4.1469$SV4.37975@news.swbell.net>
Source record: 9891

Dood, that's something I'm going to stay up all night to see, no matter what
midterms are the next day.
-- Glass

"Dale M. Skiba" <ds0007@medtronic.COM> wrote in message
news:8apa3f$js9$1@gazette.corp.medtronic.com...
>
> : The news release I saw said that once the system shut down, the
> : satellites would be de-orbited; a nice term for "sent burning up into
> : the atmosphere".
>
> : Rick T.
> : W7RT
>
> Yep, another article says that as well.
>
> http://dailynews.yahoo.com/h/nm/20000315/tc/tech_iridium_3.html
>
> By Jim Wolf
>
> [...]
>
> Barring the last-minute arrival of a qualified buyer, the company plans to
> begin ``de-orbiting'' the 66 satellites that make up the world's first
> low-orbit system for wireless telephone service.
>
> That means the network -- variously reported to have cost $5 billion to $7
> billion -- would be vaporized as its satellites, bumped by their
thrusters,
> plunge from 485 miles above the Earth in flames over the ocean.
>
> [...]
>
> ``They had the wrong product for the wrong market at the wrong time,''
said
> John Logsdon, director of the Space Policy Institute at George Washington
> University in Washington.
>
> [...]
>
> --
> Dale Skiba
> W0BOT
>

867. Re: You're men are already dead.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-20 00:00:00 UTC
From: mundyusa1@netscape.net
Message-ID: <38d5e4b3.3916433@news.usol.com>
Source record: 9892
Cross-posted to:
rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

On Mon, 20 Mar 2000 01:05:43 -0500, Bob <bob@bob.com> wrote:

>You don't get it. "Amateur" radio is already dead, it died a long
>time ago. When the FCC came along and started to tell you what
>"modes" and frequencies you could use, along with how
>much power you can run...it really became something
>that would never interest me.

Then you'd support Joe and Charlie running 50 KW on the ambulance
freq's when it's hauling you to the hospital? Or the FAA freq's when
you're onboard an airliner at 35,000 feet. Or the Fire / Police freq's
when you're having an emergency ? etc etc ...

I don't think you've applied much thought to this matter.

>
>I really couldn't care less about HAM radio.
>
>
>
>
>Hamish Moffatt wrote:
>
>> In rec.radio.amateur.space Bob <bob@bob.com> wrote:
>> > I would rather no restructuring so HAM radio would die
>> > quicker than it already is.
>>
>> Ham radio will be better off when attitudes like this cease.
>> Honestly, whether you like it or not, get over it! April 15 will
>> come and go, you might find some new people to talk to on HF
>> but otherwise you probably won't notice much difference.
>>
>> From what I read on these newsgroups, all the really badly behaved
>> ops are extras already!
>>
>> Some young people might get interested and actually progress the hobby
>> forward in some way. Wouldn't that be amazing? Less people talking on
>> HF about their currentl illnesses, I'll look forward to that.
>>
>> 73
>>
>> Hamish VK3SB

868. Re: 6 New High frequency CB radio Bands Authorized.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-20 00:00:00 UTC
From: Dave Hall <nojunkmail_n3cvj@worldlynx.net>
Message-ID: <38D61D7A.105F@worldlynx.net>
Source record: 9893
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

```
Brian wrote:
>
> Dave Hall wrote:
>
> > Gary Danaher wrote:
> > >
> > > So, tell me, how are these 'bragging rights' different from some guy who
> > > shows up at a CB shootout with his Suburban equipped with 11
> > > alternators?
> > >
> >
> > Probably not much. Neither one are worth bragging about.
> >
> > The point is that anytime someone does something for the primary reason
> > of elevating himself up to a higher plane, wrt his peers, it's nothing
> > more than self-praise, a poor substitute for mutual respect.....
> >
> > Dave
>
> Dave, aren't we supposed to keep up with the Joneses? Aren't we supposed to
> envy his achievement so much so that we pull ourselves up to his new level?
> Which just pushes him to achieve even more than anyone else, making them even
> more envious?
>
> Brian

Well..... I don't. I do what pleases *ME*. If I'm happy doing one
activity, then that is what I do. If someone else is better at it, well
good for them. I like to better myself for my satisfaction, not merely
to "look good" to other people. Only people with low self esteem need
the support of other people to feel good about themselves..

Dave
```

869. Re: You're men are already dead.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-20 00:00:00 UTC
From: betabossanova@my-deja.com
Message-ID: <8b5cg8$c45$1@nnrp1.deja.com>
Source record: 9894
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner

In article <38D5BFB7.68447FD3@bob.com>,
Bob <bob@bob.com> wrote:
> You don't get it. "Amateur" radio is already dead, it died a long
> time ago. When the FCC came along and started to tell you what
> "modes" and frequencies you could use, along with how
> much power you can run...it really became something
> that would never interest me.
>
> I really couldn't care less about HAM radio.
>
> Hamish Moffatt wrote:
>
> > In rec.radio.amateur.space Bob <bob@bob.com> wrote:
> > > I would rather no restructuring so HAM radio would die
> > > quicker than it already is.
> >
> > Ham radio will be better off when attitudes like this cease.
> > Honestly, whether you like it or not, get over it! April 15 will
> > come and go, you might find some new people to talk to on HF
> > but otherwise you probably won't notice much difference.
> >
> > From what I read on these newsgroups, all the really badly behaved
> > ops are extras already!
> >
> > Some young people might get interested and actually progress the hobby
> > forward in some way. Wouldn't that be amazing? Less people talking on
> > HF about their currentl illnesses, I'll look forward to that.
> >
> > 73
> >
> > Hamish VK3SB
>
>

YOU don't get it! You are an asshole and a imposter. Get a life and get real!
You have no idea what you are talking about. Leave the chat to those in the
know little man.

Sent via Deja.com http://www.deja.com/
Before you buy.

870. Re: You're men are already dead.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-20 00:00:00 UTC
From: Ganesha Ganapati <fast@zensearch.net>
Message-ID: <02hcdso9slneteknbp7pi8p4c9eak4gvle@4ax.com>
Source record: 9895
Cross-posted to:
rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

Bob <bob@bob.com> wrote:

>You don't get it.

And "your" a troll.

Note: Spam shields raised (with rotating shield frequencies). Please post responses to this newsgroup.

871. Re: You're men are already dead.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-20 00:00:00 UTC
From: Steve <ai7w@NoSpam.com>
Message-ID: <38d65822_1@news.continet.com>
Source record: 9896
Cross-posted to:
rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

Bob <bob@bob.com> wrote in message news:38D5BFB7.68447FD3@bob.com...

>
> I really couldn't care less about HAM radio.

Then why post anything at all? Why are you even reading the news group?

872. Re: Iridium shutdown

Newsgroup: rec.radio.amateur.space
Date: 2000-03-20 00:00:00 UTC
From: "Dr. Suom" <suom_y_nona@my-deja.com>
Message-ID: <8b5v82qta1@nnrp1.deja.com>
Source record: 9897
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.space

OK, now with all that beeing said about debit and taxes, did anyone TRIED to talk to them ?!? The idea of burning the whole stuff is redicolous, and I wish many HAM guys would talk to them to see first IF IF there can be anything done to donate it to the HAM community. TAX laws and stuff are there, but they can be changed and there are exeptions to them. I'm no specialist in any HAM stuff, in fact I do not know anything about it, nor I do know about tac laws, but I think it's up to you guys to at least TRY.

Imagine you guys 'own' a SAT network which is operated by individuals like you. Imagine the popularity Motorola gains in case this would work out. I guess they are open to new ideas if you talk to the chairmen. Imagine, you guys saved 1000's of life somewhere in the world during an earth-quake by making communication possible.

I might be just dreaming, but why not try.

Excuse my bad english, greetings from Germany!

--
Dr. Suom

Sent via Deja.com http://www.deja.com/
Before you buy.

873. Evolve or die.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-20 00:00:00 UTC
From: BOB <bob@bob.com>
Message-ID: <38D6785B.9102D4B4@bob.com>
Source record: 9898
Cross-posted to:
rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

> I have given more thought to this than you know.

And you prove my point exactly. Still running
the same old modes, having the same old problems
that have always existed. Nobody in the
hobby makes advancements anymore. The
FCC makes rules to prevent problems, instead
of somebody coming up with modern ways
to deal with them.

Bob.

>
> Then you'd support Joe and Charlie running 50 KW on the ambulance
> freq's when it's hauling you to the hospital? Or the FAA freq's when
> you're onboard an airliner at 35,000 feet. Or the Fire / Police freq's
> when you're having an emergency ? etc etc ...
>
> I don't think you've applied much thought to this matter.
>

874. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-21 00:00:00 UTC
From: jeffreyh@Hawaii.Edu
Message-ID: <8b6lmdafr1@news.hawaii.edu>
Source record: 9808
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

dana <dana@randomc.com> wrote:
>I just canceled my arrl member ship as well.

Hi Dana,
That won't work. I just mailed in a donation in your name.

73, Jeff KH6O

875. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-21 00:00:00 UTC
From: Clay N4AOX <wyn@worldnet.att.net>
Message-ID: <38D6DC30.7358@worldnet.att.net>
Source record: 9809
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

dana wrote:
>
> I just canceled my arrl member ship as well.
>
>
> > >
> > > >>
> > > >> "Vince Fiscus, KB7ADL" wrote:
> > > >> >
> > > >> > I'm an ARRL accredited examiner, but not for long. I Canceled my League
> > > >> > membership in August, and I won't give exams under the new system. I'm
> > > >> > turning in my Badge.
> > >

Do you get your $36 back or do you get your life membership dues refunded? Does canceling membership just mean that you are not resubscribing to QST? What metric can be used to see if the radio relay league is losing or gaining membership?

Is there any connection between membership numbers and the ARRL BOD authorizing expenditures to hire a public relation firms to address restructuring?

73,
Clay N4AOX

876. Re: You're men are already dead.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-21 00:00:00 UTC
From: jeffreyh@Hawaii.Edu
Message-ID: <8b77be$t4n$1@news.hawaii.edu>
Source record: 9810
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

In article <38D5BFB7.68447FD3@bob.com>, Bob <bob@bob.com> wrote:
>You don't get it. "Amateur" radio is already dead, it died a long
>time ago. When the FCC came along and started to tell you what
>"modes" and frequencies you could use, along with how
>much power you can run...it really became something
>that would never interest me.

You were around in 1912? =:o

Jeff

877. satalite NG

Newsgroup: rec.radio.amateur.space
Date: 2000-03-21 00:00:00 UTC
From: busdriver1@freewwweb.com
Message-ID: <38d70fd0.126506635@news.freewwweb.com>
Source record: 9811

is there a ng where people talk about working satalites i hope this
isnt it?
BUSDRIVER1@FREEWWWEB.COM
WEB SITE WWW.CBguy.com
1-800-303-5152

878. Data transmission speeds

Newsgroup: rec.radio.amateur.space
Date: 2000-03-21 00:00:00 UTC
From: USAOz <usaozNOusSPAM@bigpond.com.invalid>
Message-ID: <0aad2857.1bb32576@usw-ex0109-068.remarq.com>
Source record: 9812

We are having a debate about whether data transmission
would be faster using microwave transmission or using fibre
optic.

Which is the correct answer please?

* Sent from AltaVista http://www.altavista.com Where you can also find related Web Pages, Images, Audios, Videos, News, and Shopping. Smart is Beautiful

879. Re: satalite NG

Newsgroup: rec.radio.amateur.space
Date: 2000-03-21 00:00:00 UTC
From: Christopher Cox <cobox@urec.net>
Message-ID: <01bf9335$a6d219c0$817f473f@CBX-NT>
Source record: 9813

Head over to www.amsat.org and subscribe to the email listserv.

The newsgroups seem to be dedicated to moaning and groaning with some relevant posts.

BTW, welcome! Hope to hear you on the birds.

Christopher Cox
KC8FRJ

880. Re: 6 New High frequency CB radio Bands Authorized.: Attn Vince

Newsgroup: rec.radio.amateur.space
Date: 2000-03-21 00:00:00 UTC
From: POSSUM BELLY ASSHOLE <one.big.asshole@ahole.com>
Message-ID: <38D79B3C.DB56D6E@ahole.com>
Source record: 9814
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

Hey Vince, can you elaborate why you feel that way?????

"Vince Fiscus, KB7ADL" wrote:
>
> What the difference between the ARRL Board of Directors and a Vacuum Cleaner?
>
> A vacuum cleaner only has one dirt-bag in it.
>
> In article <38d031ba.381450699@nntp.one-eleven.net>, konstans@oneleven.net
> wrote:
> >On Thu, 16 Mar 2000 00:55:57 GMT, announce@radio-org.com (heat sink)
> >wrote:
> >
> >>Note: This bandplan has been endorsed by the C.B.R.L., Citizen
> >>Band Relay League, Newington CT.
> >
> > I realy find it priceless to blame the ARRL for restructing.
> >They did everything possible to stop from showing up at all, and when
> >it FCC decided to go ahaead anyway (which was something of suprise to
> >me) the ARRL put forth the best that it hoped it could get on Morse
> >Code, yes they failed to get it (thank the gods), but they did their
> >best for the code bigots
> >

881. Re: I'm stupid and I like it that way.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-21 00:00:00 UTC
From: Mike <blue5011@hotmail.com>
Message-ID: <38D79B02.4100@hotmail.com>
Source record: 9815
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

```
Glenn wrote:
>
> No, he invented the internet.........
>
> Randy Nowell <nowell@mediaone.net> wrote in message
> news:5sdB4.7171$Of2.245303@typhoon.ne.mediaone.net...
> >
> > Jeffrey Herman <jeffreyh@Hawaii.Edu> wrote in message
> > news:8b3idh$l10$1@news.hawaii.edu...
> > >
> > > Who made the "ID every 10 minutes" law? Congress?
> > > 73, Jeff KH6O (for ID)
> >
> > Wasn't this Al Gore's idea?
> >
> >

are you sure? democrats cannot get anything right...
--
-----------------------------------------------------

Mike
Fairbanks, AK

What is the moral basis for Congress to force any person to set aside a
specific portion of his earnings for retirement, whether it's Social
Security or in a private account?
```

882. Re: I'm stupid and I like it that way.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-21 00:00:00 UTC
From: David Stinson <arc5@ix.netcom.com>
Message-ID: <38D7ACBB.39E6B3E0@ix.netcom.com>
Source record: 9816
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

Mike asked:
>
> What is the moral basis for Congress to force any person to set aside a
> specific portion of his earnings for retirement, whether it's Social
> Security or in a private account?

Because our society does not -generally- allow even foolish
old people to starve to death, those who do not save become
wards of the state in their old age, draining resources
and tax dollars from the workers who do save.
This is the moral basis for an enforced savings account.
Social Security is immorally administered and hideously corrupt,
but that's beside the point. The same logic covers things like
helmet and seat belt laws- people who refuse to wear helmets and/or
seat belts become medical welfare cases, wasting tax dollars
and increasing insurance premiums for those of us
who value our brains over our gonads.
I'm a Republican and a believer in smaller government,
but human nature must be accepted. These laws make sense.

Kind Regards,
D.S.

883. Re: I'm stupid and I like it that way.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-21 00:00:00 UTC
From: Peter Maus <PeterMaus@worldnet.att.net>
Message-ID: <38D7B696.984996A5@worldnet.att.net>
Source record: 9817
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

> I'm a Republican and a believer in smaller government,
> but human nature must be accepted. These laws make sense.

The key phrase: 'but human nature must be accepted."

Human nature is the one thing over which humans have control. We have choice, free will and the ability to decide to take responsibility for our own individual actions. That we generally do not, in this country, has been a function of the political wind. Which has in turn encouraged us to further abrogate responsibility.

The thinking that human nature makes laws mandating human behaviour necessary is contrary to the very concept of freedom. It presupposes that humans cannot accept responsibility for their action. It presupposes that the government MUST prescribe,and proscribe specific behaviours for the protection of individuals who cannot protect themselves. That thinking is flawed. The presumption is false. More insidiously, it presupposes that the bad feelings of tragedy can be avoided by restricting freedoms and choices, which is also false.

And tragically, by buying into the idea that any laws restricting freedoms are necessary, you support the thinking that's current in Washington that more laws will offer a better quality of life. And THAT's the big lie.

884. Re: I'm stupid and I like it that way.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-21 00:00:00 UTC
From: David Stinson <arc5@ix.netcom.com>
Message-ID: <38D7BE42.AA8973A6@ix.netcom.com>
Source record: 9818
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

Peter Maus wrote:
>...And tragically, by buying into the idea that any laws restricting
> freedoms are necessary, you support the thinking that's current in
> Washington that more laws will offer a better quality of life. And
> THAT's the big lie.

Thank you for your thoughts, Peter, but I cannot agree with
your utopian assessment. We cannot base our actions on
what people *should* be, or *could* be, or *ought* to be.
We must deal with them as they *ARE.*

Many people _WILL NOT_ accept their personal responsibility
to the whole of society. These people cost the rest of us dearly.
Our culture shows no signs of changing back into one which
teaches and demands personal responsibility.
Unless and until society accepts means to weed these individuals
out of the stream, laws forcing compliance on all
are the only effective answer.

Perhaps I'm really a fascist without the racist overtones, Peter.
True freedom is impossible without personal responsibility,
and most people prefer to blame anyone and anything for
their lives, other then themselves. They mouth about
their freedoms, but in the end they actually want someone
else to tell them what to think and do.

Let us hope that, in the end, you are right and I am wrong.

Kind regards,
Dave S.

885. wtd. HF and 50mhz module for FT726R

Newsgroup: rec.radio.amateur.space
Date: 2000-03-21 00:00:00 UTC
From: ALAIN DI PUMA <f1mge@free.fr>
Message-ID: <S7PB4.440$O94.1423370@nnrp4.proxad.net>
Source record: 9819

Condition and price on my Email thanks!

886. Re: I'm stupid and I like it that way.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-21 00:00:00 UTC
From: Peter Maus <PeterMaus@worldnet.att.net>
Message-ID: <38D7C4A6.D526EF64@worldnet.att.net>
Source record: 9820
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

David Stinson wrote:
>
> Peter Maus wrote:
> >...And tragically, by buying into the idea that any laws restricting
> > freedoms are necessary, you support the thinking that's current in
> > Washington that more laws will offer a better quality of life. And
> > THAT's the big lie.
>
> Thank you for your thoughts, Peter, but I cannot agree with
> your utopian assessment. We cannot base our actions on
> what people *should* be, or *could* be, or *ought* to be.
> We must deal with them as they *ARE.*
>
You're absolutely right, David. But if you read closely, you'll
see that you and I are closer in thinking than you realize.

> Many people _WILL NOT_ accept their personal responsibility
> to the whole of society. These people cost the rest of us dearly.
> Our culture shows no signs of changing back into one which
> teaches and demands personal responsibility.
> Unless and until society accepts means to weed these individuals
> out of the stream, laws forcing compliance on all
> are the only effective answer.
>
While you're right, that many people will not accept
responisibility,
that we simply abrogate the responsibility of the society to
protect
itself is not my point. Society has for the last two generations
entrenched in its citizenry that anything that was not
specifically
proscribed by law, was not only right, but virtually mandatory.
The
result is that laws have become necessary to enforce compliance
with
simple social courtesies, not to mention more significant
considerations.
The problem, ironically, is that in our efforts to become more
socially aware, and
sensitive to the needs of the individual, we abrogated our
responsibility
to teach, train, and encourage responsibility among our youth.
Once adults,

there is literally no way to get them to accept responsibility.
Not even
the pain of legal punishment. Even the law has no teeth to those
who do
not respect it. OJ Simpson but a single example.

Perhaps we've gone too far to recover. But we may, by being
less permissive and bringing back responsibility, eventually
obviate the need
for many of the intrusive laws that we now find ourselves saddled
with. Not that any laws are likely to be repealed. But laws or
not, we must return to personal responsibility if we are to move
forward as a civilization.

> Perhaps I'm really a fascist without the racist overtones, Peter.
> True freedom is impossible without personal responsibility,
> and most people prefer to blame anyone and anything for
> their lives, other then themselves. They mouth about
> their freedoms, but in the end they actually want someone
> else to tell them what to think and do.

Agreed. But without effective leadership in this area, we are
seriously hobbled .
>
> Let us hope that, in the end, you are right and I am wrong.

>
> Kind regards,

And you as well.

p
> Dave S.

887. Re: Data transmission speeds

Newsgroup: rec.radio.amateur.space
Date: 2000-03-21 00:00:00 UTC
From: Gary Coffman <ke4zv@bellsouth.net>
Message-ID: <L8TXONcd7ZIT+LKuJvBg0OhUHKCT@4ax.com>
Source record: 9821

On Tue, 21 Mar 2000 03:03:59 -0800, USAOz <usaozNOusSPAM@bigpond.com.invalid> wrote:
>We are having a debate about whether data transmission
>would be faster using microwave transmission or using fibre
>optic.
>
>Which is the correct answer please?

Theoretically, fiber has a much greater bandwidth. So it is the
clear winner. In practice, fiber capacity has passed microwave
in recent years, so it bears out theory.

Gary
Gary Coffman KE4ZV | You make it |mail to ke4zv@bellsouth.net
534 Shannon Way | We break it |
Lawrenceville, GA | Guaranteed |

888. FS: FT847

Newsgroup: rec.radio.amateur.space
Date: 2000-03-21 00:00:00 UTC
From: K1SWR <fleet@mbl.edu>
Message-ID: <38D7D02E.83307D61@mbl.edu>
Source record: 9822

Decided to sell the 847 I bought for ph 3D. It is in UNOPENED box, will ship insured for 1300.00

889. Re: I'm stupid and I like it that way.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-21 00:00:00 UTC
From: Tom Geldner <XXtom@xor.ccXX>
Message-ID: <VA.0000007b.00064fca@xor.ccxx>
Source record: 9823
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

In article <38D7BE42.AA8973A6@ix.netcom.com>, David Stinson
wrote:

> These people cost the rest of us dearly.

Actually, in most cases they don't. Smokers use less of the
health care system because they live shorter lives. In fact,
it's a total myth that smoking costs society anything. Hell, if
it weren't for smokers and the taxes they pay government would
probably come to a halt. (Well, not, but you get the idea.)

For every motorcyclist who costs "society" millions as a
vegetable from a crash without a helmet there are probably 10
cyclists who died from the crash without a helmet and cost very
little.

You have to look at the total effect and apply some risk
analysis. What happens if the person lives to age 75? What
happens if he dies early? Few people these days take the trouble
to look at the big picture. They look at Forest X and assume
that because 1/2 the trees are dying, that 1/2 of all trees are
dying.

Tom of XOR
http://www.xor.cc for cool threads

890. Re: I'm stupid and I like it that way.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-21 00:00:00 UTC
From: W6RCecilA <Cecil.A.Moore@IEEE.org>
Message-ID: <38D7D977.57EBE4A4@IEEE.org>
Source record: 9824
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

```
Peter Maus wrote:
> Human nature is the one thing over which humans have control. We
> have choice, free will and the ability to decide to take
> responsibility for our own individual actions.

Not if God knows what you are going to do before you do it.
--
73, Cecil, W6RCA http://www.mindspring.com/~w6rca
```

891. Re: I'm stupid and I like it that way.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-21 00:00:00 UTC
From: Peter Maus <PeterMaus@worldnet.att.net>
Message-ID: <38D7E8F9.4564C8FA@worldnet.att.net>
Source record: 9825
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

```
W6RCecilA wrote:
>
> Peter Maus wrote:
> > Human nature is the one thing over which humans have control. We
> > have choice, free will and the ability to decide to take
> > responsibility for our own individual actions.
>
> Not if God knows what you are going to do before you do it.
> --
> 73, Cecil, W6RCA http://www.mindspring.com/~w6rca

Good point, Cecil. But that's a who-o-o-o-o-le 'nuther
newsgroup. :)
```

892. Re: news article: 66 Iridium satelites likely to become floating space junk

Newsgroup: rec.radio.amateur.space
Date: 2000-03-21 00:00:00 UTC
From: ds0007@medtronic.COM
Message-ID: <8b8qs3fsp1@gazette.corp.medtronic.com>
Source record: 9826

FYI -- Motorola Satellite Info Page

http://www.motorola.com/satellite/info/

[...]

Motorola will continue to maintain the Iridium satellite constellation
for a limited period of time, while the deorbiting plan is being finalized.

[...]

--
Dale Skiba
W0BOT

893. Re: 6 New High frequency CB radio Bands Authorized.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-21 00:00:00 UTC
From: Bo Knows <boknowsamps@aol.com>
Message-ID: <YVSB4.10$Lg7.2905@news2.voicenet.com>
Source record: 9827
Cross-posted to:
rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

Because amatuer radio is used to communicate with people all around the globle who don't speak the same language....
It is also a privelage to have a ham license just likeyour drivers license is a privelage...I am sure there are many driving laws you don't like either....

"John" <mrbreezej@netscape.net> wrote in message news:38D0D5AB.DEE740C2@netscape.net...
> You are absolutely right! OBTW, why the hell should I have to learn to use an
> arcane mode of communications such as CW so that I can use phone on 10M & 12M,
> which is all I really want to be able to do? Hell, even the US Navy dropped CW
> from their technical requirements for Communications Technicians! I am a
> technician perfectly capable of doing my own repairs and adjustments to radios.
> I have passed all of the trial tests for Technician and General. I was once
> licensed as a Broadcast Engineer back in the late '60s with an FCC Radio
> Telephone license. But I have tried and failed to learn code. So, I am
> probably more qualified than those idiots out there that passed the CW test but
> don't know Ohms Law! IT STILL SUCKS!
>
> Bo Knows wrote:
>
> > I can agree to that, it still takes 5 wpm to get a ticket today on april 15
> > it still takes 5wpm where are the people beating the door down at this time,
> > dont expect to see them on april 15
> > "John" <hydro@fx2.com> wrote in message
> > news:7EWz4.460$vb.3658@newsfeed.slurp.net...
> > > Hey , Thats pretty funny, But you know what the real funny thing is ??
> > > Nothing is going to happen after april 15.... You could put ham radio
> > > license on the back of morning Cereal boxes .... Just sign here, your an
> > > extra ham and you would have NO takers. About the only thing thats going
> > to
> > > happen on april 15 is the already licensed hams are going to

capitalize on
> > > an easy upgrade...................
> > >
> > > John ....
> > >
> > >
>

894. Re: Iridium shutdown

Newsgroup: rec.radio.amateur.space
Date: 2000-03-21 00:00:00 UTC
From: "Dr. David R. Fordham" <fake@id.com>
Message-ID: <38d7ebf8$1_4@pigeon.jmu.edu>
Source record: 9828
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.space

The problem with this idea is that these satellites aren't at all like ham satellites. Ham satellites are tossed into space and just coast around at will. These satellites are incredibly high-maintenance. They have to be oriented just right, they have to be kept spaced the right distance apart, they have to synch with each other and the ground stations... these aren't omnidirectional repeaters or transponders. I seriously doubt ANYONE in the ham community (or even let me go so far as to say EVERYONE in the ham community together) could amass the resources, time, and effort required to keep that constellation properly aligned, oriented, positioned, and synchronized to be of use. We aren't talking about simple machines with simple programming protocols. Sure, there are lots of folks who could "do it for one satellite", but with such a coordinated, interlinked constellation, would they have the time to do it for the whole fleet? And the way they were designed, e.g., to work as a fleet, would pretty much make any single satellite (or even a small subgroup of the birds) pretty useless for what they were designed for.

Would Motorola donate one or two of them for purely experimental (e.g., not "real communications") purposes? This indeed might be a workable proposal and might be worth pursuing. But don't be fooled into thinking that we could obtain the donation of a fleet of Phase 3D birds, because the Iridiums are as different from traditional hamsats as the internet's fiber-optic-based digital packet switching network is from a 2meter mountaintop repeater.

$0.02.

David, KD9LA

Dr. Suom <suom_y_nona@my-deja.com> wrote in message news:8b5v82qta1@nnrp1.deja.com...
> OK, now with all that beeing said about debit and taxes, did anyone
> TRIED to talk to them ?!? The idea of burning the whole stuff is
> redicolous, and I wish many HAM guys would talk to them to see first IF
> IF there can be anything done to donate it to the HAM community. TAX
> laws and stuff are there, but they can be changed and there are
> exeptions to them. I'm no specialist in any HAM stuff, in fact I do not
> know anything about it, nor I do know about tac laws, but I think it's
> up to you guys to at least TRY.
>
> Imagine you guys 'own' a SAT network which is operated by individuals

> like you. Imagine the popularity Motorola gains in case this would work
> out. I guess they are open to new ideas if you talk to the chairmen.
> Imagine, you guys saved 1000's of life somewhere in the world during an
> earth-quake by making communication possible.
>
> I might be just dreaming, but why not try.
>
> Excuse my bad english, greetings from Germany!
>
> --
> Dr. Suom
>
>
> Sent via Deja.com http://www.deja.com/
> Before you buy.

895. Re: I'm stupid and I like it that way.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-21 00:00:00 UTC
From: W6RCecilA <Cecil.A.Moore@IEEE.org>
Message-ID: <38D8030C.F9581152@IEEE.org>
Source record: 9829
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

```
Peter Maus wrote:
>
> W6RCecilA wrote:
> >
> > Peter Maus wrote:
> > > Human nature is the one thing over which humans have control. We
> > > have choice, free will and the ability to decide to take
> > > responsibility for our own individual actions.
> >
> > Not if God knows what you are going to do before you do it.
> > --
> > 73, Cecil, W6RCA http://www.mindspring.com/~w6rca
>
> Good point, Cecil. But that's a who-o-o-o-o-le 'nuther
> newsgroup. :)

Sounds like amateur radio policy to me, Peter. If God knows exactly
what people will be freebanding on 10m next week, those guys have
no choice. If they chose to be good guys and not freeband, then God
would be wrong and we know God will not allow Himself to be wrong
so He forces those nasty freebanders to freeband against their will.
That's the problem with an omnipotent God. He doesn't have to be
omniscient if He's omnipotent. He just abuses his power so He will
never be wrong.
--
73, Cecil, W6RCA http://www.mindspring.com/~w6rca
```

896. Re: Iridium shutdown

Newsgroup: rec.radio.amateur.space
Date: 2000-03-22 00:00:00 UTC
From: Peter Bealo <pbealo@mediaone.net>
Message-ID: <uhVB4.8161$Of2.295405@typhoon.ne.mediaone.net>
Source record: 9830
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.space

Another issue is their interference to radio astronomy. This had been an item of ongoing negotiations just settled last year with the astronomy camp having to accept large amounts of out-of-band interference for some portion of the day and Irridium sats to operate in some mode that reduced interference for the remainder.

Its one thing perhaps having some telecom giants threatening to litegate radio astronomy out of existance and its quite another thing having us do it...all just to envigorate our hobby.

Peter
WB2MJG and amateur astronomer (but not radio!)

Dr. David R. Fordham <fake@id.com> wrote in message
news:38d7ebf8$1_4@pigeon.jmu.edu...
> The problem with this idea is that these satellites aren't at all like ham
> satellites. Ham satellites are tossed into space and just coast around
> at will. These satellites are incredibly high-maintenance. They have
> to be oriented just right, they have to be kept spaced the right
> distance apart, they have to synch with each other and the ground
> stations... these aren't omnidirectional repeaters or transponders.
> I seriously doubt ANYONE in the ham community (or even let
> me go so far as to say EVERYONE in the ham community
> together) could amass the resources, time, and effort required
> to keep that constellation properly aligned, oriented, positioned,
> and synchronized to be of use. We aren't talking about simple
> machines with simple programming protocols. Sure, there are
> lots of folks who could "do it for one satellite", but with such a
> coordinated, interlinked constellation, would they have the time
> to do it for the whole fleet? And the way they were designed,
> e.g., to work as a fleet, would pretty much make any single
> satellite (or even a small subgroup of the birds) pretty useless
> for what they were designed for.
>
> Would Motorola donate one or two of them for purely
> experimental (e.g., not "real communications") purposes? This
> indeed might be a workable proposal and might be worth
> pursuing. But don't be fooled into thinking that we could
> obtain the donation of a fleet of Phase 3D birds, because the
> Iridiums are as different from traditional hamsats as the
> internet's fiber-optic-based digital packet switching network
> is from a 2meter mountaintop repeater.
>
> $0.02.

>
> David, KD9LA
>
>
>
> Dr. Suom <suom_y_nona@my-deja.com> wrote in message
> news:8b5v82qta1@nnrp1.deja.com...
> > OK, now with all that beeing said about debit and taxes, did anyone
> > TRIED to talk to them ?!? The idea of burning the whole stuff is
> > redicolous, and I wish many HAM guys would talk to them to see first IF
> > IF there can be anything done to donate it to the HAM community. TAX
> > laws and stuff are there, but they can be changed and there are
> > exeptions to them. I'm no specialist in any HAM stuff, in fact I do not
> > know anything about it, nor I do know about tac laws, but I think it's
> > up to you guys to at least TRY.
> >
> > Imagine you guys 'own' a SAT network which is operated by individuals
> > like you. Imagine the popularity Motorola gains in case this would work
> > out. I guess they are open to new ideas if you talk to the chairmen.
> > Imagine, you guys saved 1000's of life somewhere in the world during an
> > earth-quake by making communication possible.
> >
> > I might be just dreaming, but why not try.
> >
> > Excuse my bad english, greetings from Germany!
> >
> > --
> > Dr. Suom
> >
> >
> > Sent via Deja.com http://www.deja.com/
> > Before you buy.
>
>

897. Re: FS: FT847

Newsgroup: rec.radio.amateur.space
Date: 2000-03-22 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8dh8o2.49m.nomail@linux.pe1chl.ampr.org>
Source record: 9831

K1SWR <fleet@mbl.edu> wrote:
>Decided to sell the 847 I bought for ph 3D. It is in UNOPENED box, will
>ship insured for 1300.00

You bought an FT847 and left it stored away in UNOPENED box, waiting
for P3D to be succesfully launched???

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

898. Re: I'm stupid and I like it that way.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-22 00:00:00 UTC
From: Tom Geldner <XXtom@xor.ccXX>
Message-ID: <VA.00000081.021dbfb5@xor.ccxx>
Source record: 9832
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

In article <h79gds8jm4dh9mlcm33a89graldqrl1717@4ax.com>, Glen
Quarnstrom wrote:

> Please take note, and move this to a political newsgroup.

If you can't handle a little topic drift, you shouldn't be on
USENET.

Tom of XOR
http://www.xor.cc for cool threads

899. Re: I'm stupid and I like it that way.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-22 00:00:00 UTC
From: Glenn <glenn.hansen@usa.net>
Message-ID: <7a6C4.147$9Z4.11632@news.uswest.net>
Source record: 9833
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

ROFLMAO!

Excuse me, 911 is here to try and help me stop laughing so I can breathe!

Glenn - KB7PKC

W6RCecilA <Cecil.A.Moore@IEEE.org> wrote in message
news:38D8030C.F9581152@IEEE.org...
> Peter Maus wrote:
> >
> > W6RCecilA wrote:
> > >
> > > Peter Maus wrote:
> > > > Human nature is the one thing over which humans have control. We
> > > > have choice, free will and the ability to decide to take
> > > > responsibility for our own individual actions.
> > >
> > > Not if God knows what you are going to do before you do it.
> > > --
> > > 73, Cecil, W6RCA http://www.mindspring.com/~w6rca
> >
> > Good point, Cecil. But that's a who-o-o-o-o-le 'nuther
> > newsgroup. :)
>
> Sounds like amateur radio policy to me, Peter. If God knows exactly
> what people will be freebanding on 10m next week, those guys have
> no choice. If they chose to be good guys and not freeband, then God
> would be wrong and we know God will not allow Himself to be wrong
> so He forces those nasty freebanders to freeband against their will.
> That's the problem with an omnipotent God. He doesn't have to be
> omniscient if He's omnipotent. He just abuses his power so He will
> never be wrong.
> --
> 73, Cecil, W6RCA http://www.mindspring.com/~w6rca

900. Where to DL those Oscar 36 pics in QST?

Newsgroup: rec.radio.amateur.space
Date: 2000-03-22 00:00:00 UTC
From: Jeff Kelly <jkelly@bellatlantic.net>
Message-ID: <qz7C4.278$5X.33089@typhoon2.gnilink.net>
Source record: 9834

Can someone tell me where those Oscar 36 images are
located that are in Aprils QST?

Thanks,

Jeff Kelly
jkelly@bellatlantic.net

901. Need A Good Sat TRacking Prog.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-22 00:00:00 UTC
From: John <John@morsecode.freeserve.co.uk>
Message-ID: <8bb1ef$p1m$1@news8.svr.pol.co.uk>
Source record: 9835

Hello.
I am using SATTRACK here and was wondering if there is a good newer
tracking prog that runs in win98 ???

--
Cheerio from John. G0RDO.
John@morsecode.freeserve.co.uk
Devon, England.
Website http://www.morsecode.freeserve.co.uk

902. Re: I'm stupid and I like it that way.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-22 00:00:00 UTC
From: Glen Quarnstrom <glenq@cyberhighway.net>
Message-ID: <jqaids44k2e6pta9gcrbn19s2e8073a8t1@4ax.com>
Source record: 9836
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

Tom Geldner <XXtom@xor.ccXX> wrote:

>> Please take note, and move this to a political newsgroup.
>
>If you can't handle a little topic drift, you shouldn't be on
>USENET.

If you can't move an off-topic thread out of support/information type
groups, you don't belong on UseNet.

EOT
--
glenq@cyberhighway.net
WB7DOW

http://www.cyberhighway.net/~glenq/

903. Re: satalite NG

Newsgroup: rec.radio.amateur.space
Date: 2000-03-22 00:00:00 UTC
From: Howard Long <howard@howardlong.com>
Message-ID: <8bbc83fdn1@plutonium.btinternet.com>
Source record: 9837

I find the amsat email reflector pretty good for upto date info. Not a newsgroup, but pretty much performs the same function. There's info on how to subscribe at www.amsat.org.

73s Howard G6LVB

"BusDriver" <busdriver1@freewwweb.com> wrote in message news:38d70fd0.126506635@news.freewwweb.com...
> is there a ng where people talk about working satalites i hope this
> isnt it?
> BUSDRIVER1@FREEWWWEB.COM
> WEB SITE WWW.CBguy.com
> 1-800-303-5152

904. Re: I'm stupid and I like it that way.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-22 00:00:00 UTC
From: Tom Geldner <XXtom@xor.ccXX>
Message-ID: <VA.00000084.011bd7ea@xor.ccxx>
Source record: 9838
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

In article <jqaids44k2e6pta9gcrbn19s2e8073a8t1@4ax.com>, Glen
Quarnstrom wrote:

> If you can't move an off-topic thread out of support/information type
> groups, you don't belong on UseNet.

I haven't seen any posts by you in this group except when you suddenly
decided to play thread cop. And you chose my one message to attack vs.
the 5 or 6 other ones by two people in the same thread.

OB CB: Do magnet mounts create a greater groundplane than gutter clip
mounts?

Tom of XOR
http://www.xor.cc for cool threads

905. Re: 6 New High frequency CB radio Bands Authorized.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-22 00:00:00 UTC
From: Miles Davis <MDD327@aol.com>
Message-ID: <8bci6vlkc1@nnrp03.primenet.com>
Source record: 9839
Cross-posted to:
rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

If that were the case why all the debate about code?

--
Miles Davis
This is CB radio.....No crying allowed!

Gary Danaher <gdanaher@home.com> wrote in message
news:38D14256.C78DD575@home.com...
> You've never heard of learning for the sake of learning? Most amateurs
> don't upgrade to prove something to others--most do it to prove
> something to themselves.
>
> Mark wrote:
>
> > I'm glad you feel good about yourself, but what did you accomplish by
rushing
> > out do so something that you KNEW would go away? It just seems to
demonstrate
> > that you have lots of free time.
> >
> > Not a slam, but I just don't see it.

906. Re: G-5400 and Trakbox pinouts

Newsgroup: rec.radio.amateur.space
Date: 2000-03-23 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8djp9j.dlk.nomail@linux.pe1chl.ampr.org>
Source record: 9749

Bear <lgroom@frontiernet.net> wrote:
>Hello all, just getting back into the satellite stuff and was wondering if
>anyone had the pinouts for the Control jack on the back of the control unit?
>I'm trying to connect the unit to my Trakbox for automatic control. Yaesu
>does not have the info printed in the manual. (Stuff like the up/down pins,
>rotor position etc)

You can derive this from the schematic on page 8 of the manual.

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

907. Re: Need Help !!!!

Newsgroup: rec.radio.amateur.space
Date: 2000-03-23 00:00:00 UTC
From: Peter Hodgson <va3pkh@rac.ca>
Message-ID: <38DA1062.97B2D84E@rac.ca>
Source record: 9750

Hi Jeff,

I have and ADI handheld and an Arrow for working SO35, AO27 and UO14.
This may seem rather obvious but anyway I didn't realise it at first so
here goes.
Try headphones or an earpiece, back off the squelch completely.
Adjust the volume so the hiss doesn't deafen you!!!.
When the sat comes over the horizon, the first thing you will detect is a
quieting of the hiss.
You can then rotate the polarity of the Arrow and move it slightly until
the quieting is
maximised. At this point you should start to recognise voices and as you
continue tracking the signal will improve.
AO27 has a very low power downlink and is much more difficult to hear than
UO14. UO14 is also operational at night AO27 is only operational during
daylight hours.
I cant tell from your request if you are correcting for doppler etc., so
send me email if you need more info.
Hope to catch you on the birds
73
Peter
VA3PKH

Jeff Grey wrote:

> I am new to sats and I tried to "hear" uo-14 with my dualband HT and a
> antenna from Arrow for AO-27. I was tuned to the proper frequency and
> adjusted for dopp shift. I oriented the antenna with a compass and the
> data from a program called Winorbit. Is the sat shut off at night ? I
> am wondering if it is Winorbit ,since everything was set right. The
> funny thing is that I heard nothing from Uo-14. Any ideas on why I
> haven't heard the bird ? I am going to try to "hear" AO-27 tomorrow.
>
> Thanks,
>
> Jeff Grey
> N8EIP

908. Re: I'm stupid and I like it that way.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-23 00:00:00 UTC
From: BigWez <BigWez@prodigy.net>
Message-ID: <8bda6l$20ms$1@newssvr04-int.news.prodigy.com>
Source record: 9751
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

It has to do with EVERYTHING! Good Thread. Read it again Dana.

"dana" <dana@randomc.com> wrote in message
news:Pine.GSO.4.10.10003222049440.4075-100000@cluster2...
> I have one question, what does this have to do with RADIO?

909. Re: I'm stupid and I like it that way.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-23 00:00:00 UTC
From: BigWez <BigWez@prodigy.net>
Message-ID: <8bdadn$4qf6$1@newssvr04-int.news.prodigy.com>
Source record: 9752
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

It has to do with EVERYTHING! Good Thread. Read it again Dana.

"dana" <dana@randomc.com> wrote in message
news:Pine.GSO.4.10.10003222049440.4075-100000@cluster2...
> I have one question, what does this have to do with RADIO?

"dana" <dana@randomc.com> wrote in message
news:Pine.GSO.4.10.10003222049440.4075-100000@cluster2...
> I have one question, what does this have to do with RADIO?

910. Re: I'm stupid and I like it that way.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-23 00:00:00 UTC
From: BigWez <BigWez@prodigy.net>
Message-ID: <8bddmd$b0qc$1@newssvr03-int.news.prodigy.com>
Source record: 9753
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

```
It has to do with EVERYTHING! Good Thread. Read it again Dana.
"dana" <dana@randomc.com> wrote in message
news:Pine.GSO.4.10.10003222049440.4075-100000@cluster2...
> I have one question, what does this have to do with RADIO?
>
> On Tue, 21 Mar 2000, David Stinson wrote:
>
> > Date: Tue, 21 Mar 2000 11:09:15 -0600
> > From: David Stinson <arc5@ix.netcom.com>
> > To: blue5011@hotmail.com
> > Newsgroups: rec.radio.amateur.policy, rec.radio.amateur.space,
> > rec.radio.cb, rec.radio.scanner, rec.radio.shortwave
> > Subject: Re: I'm stupid and I like it that way.
> >
> >
> >
> > Mike asked:
> > >
> > > What is the moral basis for Congress to force any person to set aside
a
> > > specific portion of his earnings for retirement, whether it's Social
> > > Security or in a private account?
> >
> > Because our society does not -generally- allow even foolish
> > old people to starve to death, those who do not save become
> > wards of the state in their old age, draining resources
> > and tax dollars from the workers who do save.
> > This is the moral basis for an enforced savings account.
> > Social Security is immorally administered and hideously corrupt,
> > but that's beside the point. The same logic covers things like
> > helmet and seat belt laws- people who refuse to wear helmets and/or
> > seat belts become medical welfare cases, wasting tax dollars
> > and increasing insurance premiums for those of us
> > who value our brains over our gonads.
> > I'm a Republican and a believer in smaller government,
> > but human nature must be accepted. These laws make sense.
> >
> > Kind Regards,
> > D.S.
> >
> >
>
```

911. Re: You're men are already dead.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-23 00:00:00 UTC
From: AndroidCat XENU <androidcat99@hotmail.com>
Message-ID: <KSxC4.6512$6S3.1296991@tw11.nn.bcandid.com>
Source record: 9754
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.shortwave

dana <dana@randomc.com> wrote in message
news:Pine.GSO.4.10.10003222041180.4075-100000@cluster2...
> Would you please leave rec.radio.cb out of this thread?

And rec.radio.scanner too!

> On 21 Mar 2000, Jeffrey Herman wrote:
>
> > Date: 21 Mar 2000 07:11:42 GMT
> > From: Jeffrey Herman <jeffreyh@Hawaii.Edu>
> > Newsgroups: rec.radio.amateur.policy, rec.radio.amateur.space,
> > rec.radio.cb, rec.radio.scanner, rec.radio.shortwave
> > Subject: Re: You're men are already dead.
> >
> > In article <38D5BFB7.68447FD3@bob.com>, Bob <bob@bob.com> wrote:
> > >You don't get it. "Amateur" radio is already dead, it died a long
> > >time ago. When the FCC came along and started to tell you what
> > >"modes" and frequencies you could use, along with how
> > >much power you can run...it really became something
> > >that would never interest me.
> >
> > You were around in 1912? =:o
> >
> > Jeff
> >
> >
>

912. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-23 00:00:00 UTC
From: dana <dana@randomc.com>
Message-ID: <Pine.GSO.4.10.10003222026290.4075-100000@cluster2>
Source record: 9840
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Thats fine, but you don't have my call!!

On 21 Mar 2000, Jeffrey Herman wrote:

> Date: 21 Mar 2000 02:10:21 GMT
> From: Jeffrey Herman <jeffreyh@Hawaii.Edu>
> Newsgroups: rec.radio.amateur.misc, rec.radio.amateur.policy,
> rec.radio.amateur.space, rec.radio.scanner, rec.radio.shortwave
> Subject: Re: 60 Days until I turn in my VE badge.
>
> dana <dana@randomc.com> wrote:
> >I just canceled my arrl member ship as well.
>
> Hi Dana,
> That won't work. I just mailed in a donation in your name.
>
> 73, Jeff KH6O
>
>

913. Re: You're men are already dead.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-23 00:00:00 UTC
From: dana <dana@randomc.com>
Message-ID: <Pine.GSO.4.10.10003222041180.4075-100000@cluster2>
Source record: 9841
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

```
Would you please leave rec.radio.cb out of this thread?

On 21 Mar 2000, Jeffrey Herman wrote:

> Date: 21 Mar 2000 07:11:42 GMT
> From: Jeffrey Herman <jeffreyh@Hawaii.Edu>
> Newsgroups: rec.radio.amateur.policy, rec.radio.amateur.space,
> rec.radio.cb, rec.radio.scanner, rec.radio.shortwave
> Subject: Re: You're men are already dead.
>
> In article <38D5BFB7.68447FD3@bob.com>, Bob <bob@bob.com> wrote:
> >You don't get it. "Amateur" radio is already dead, it died a long
> >time ago. When the FCC came along and started to tell you what
> >"modes" and frequencies you could use, along with how
> >much power you can run...it really became something
> >that would never interest me.
>
> You were around in 1912? =:o
>
> Jeff
>
>
```

914. Re: I'm stupid and I like it that way.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-23 00:00:00 UTC
From: dana <dana@randomc.com>
Message-ID: <Pine.GSO.4.10.10003222049440.4075-100000@cluster2>
Source record: 9842
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave

I have one question, what does this have to do with RADIO?

On Tue, 21 Mar 2000, David Stinson wrote:

> Date: Tue, 21 Mar 2000 11:09:15 -0600
> From: David Stinson <arc5@ix.netcom.com>
> To: blue5011@hotmail.com
> Newsgroups: rec.radio.amateur.policy, rec.radio.amateur.space,
> rec.radio.cb, rec.radio.scanner, rec.radio.shortwave
> Subject: Re: I'm stupid and I like it that way.
>
>
>
> Mike asked:
> >
> > What is the moral basis for Congress to force any person to set aside a
> > specific portion of his earnings for retirement, whether it's Social
> > Security or in a private account?
>
> Because our society does not -generally- allow even foolish
> old people to starve to death, those who do not save become
> wards of the state in their old age, draining resources
> and tax dollars from the workers who do save.
> This is the moral basis for an enforced savings account.
> Social Security is immorally administered and hideously corrupt,
> but that's beside the point. The same logic covers things like
> helmet and seat belt laws- people who refuse to wear helmets and/or
> seat belts become medical welfare cases, wasting tax dollars
> and increasing insurance premiums for those of us
> who value our brains over our gonads.
> I'm a Republican and a believer in smaller government,
> but human nature must be accepted. These laws make sense.
>
> Kind Regards,
> D.S.
>
>

915. WTB 222 MODULE FOR FT-736R

Newsgroup: rec.radio.amateur.space
Date: 2000-03-23 00:00:00 UTC
From: kennith simmons <ksimmons@austin.rr.com>
Message-ID: <_qgC4.12880$w81.1149592@typhoon.austin.rr.com>
Source record: 9843

NEED 222 MODULE FOR FT-736R.
Please contact direct ksimmons@austin.rr.com
for quick transaction.
Ken K5UHF

916. Need Help !!!!

Newsgroup: rec.radio.amateur.space
Date: 2000-03-23 00:00:00 UTC
From: Jeff Grey <cdma77@aol.com>
Message-ID: <38D9B7B3.4B4E@aol.com>
Source record: 9844

I am new to sats and I tried to "hear" uo-14 with my dualband HT and a antenna from Arrow for AO-27. I was tuned to the proper frequency and adjusted for dopp shift. I oriented the antenna with a compass and the data from a program called Winorbit. Is the sat shut off at night ? I am wondering if it is Winorbit ,since everything was set right. The funny thing is that I heard nothing from Uo-14. Any ideas on why I haven't heard the bird ? I am going to try to "hear" AO-27 tomorrow.

Thanks,

Jeff Grey
N8EIP

917. Re: Need A Good Sat TRacking Prog.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-23 00:00:00 UTC
From: Robert Hansil <rhansil@shawneelink.net>
Message-ID: <38D9C05B.30381F13@shawneelink.net>
Source record: 9845

Hello I use Satscape The new version 1.40 You can get it at
http://www.geocities.com/net23_uk/ there is a link to the program there .
You can update keps one click from the net. You have to download the program
speechpac and One file all info and links are on the same page.
Thank you for your time The site is down at the momet.
KB9MQH

John wrote:

> Hello.
> I am using SATTRACK here and was wondering if there is a good newer
> tracking prog that runs in win98 ???
>
> --
> Cheerio from John. G0RDO.
> John@morsecode.freeserve.co.uk
> Devon, England.
> Website http://www.morsecode.freeserve.co.uk

918. Re: Need Help !!!!

Newsgroup: rec.radio.amateur.space
Date: 2000-03-23 00:00:00 UTC
From: Bear <lgroom@frontiernet.net>
Message-ID: <8bciie$d5e$1@node17.cwnet.frontiernet.net>
Source record: 9846

AO-27 indeed is only active during the daylight hours and in the northern hemisphere only. The control operators have stated that the bird is available during the morning hours into the early afternoon. The reason for the daylight sked is to keep the solar panels illuminated to provide sufficient power for transmitting and to keep the batteries charged. Their goal is to prolong the life of the bird. Good luck!

"Jeff Grey" <cdma77@aol.com> wrote in message news:38D9B7B3.4B4E@aol.com...
> I am new to sats and I tried to "hear" uo-14 with my dualband HT and a
> antenna from Arrow for AO-27. I was tuned to the proper frequency and
> adjusted for dopp shift. I oriented the antenna with a compass and the
> data from a program called Winorbit. Is the sat shut off at night ? I
> am wondering if it is Winorbit ,since everything was set right. The
> funny thing is that I heard nothing from Uo-14. Any ideas on why I
> haven't heard the bird ? I am going to try to "hear" AO-27 tomorrow.
>
> Thanks,
>
> Jeff Grey
> N8EIP

919. G-5400 and Trakbox pinouts

Newsgroup: rec.radio.amateur.space
Date: 2000-03-23 00:00:00 UTC
From: Bear <lgroom@frontiernet.net>
Message-ID: <8bcipb$74ec$1@node17.cwnet.frontiernet.net>
Source record: 9847

Hello all, just getting back into the satellite stuff and was wondering if anyone had the pinouts for the Control jack on the back of the control unit? I'm trying to connect the unit to my Trakbox for automatic control. Yaesu does not have the info printed in the manual. (Stuff like the up/down pins, rotor position etc)

Thanks,

Larry W0FLY

920. Re: 6 New High frequency CB radio Bands Authorized.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-23 00:00:00 UTC
From: Miles Davis <MDD327@aol.com>
Message-ID: <8bcjrnlqk1@nnrp03.primenet.com>
Source record: 9848
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb

Dave! Dave! He's down get off of him!

--
Miles Davis
This is CB radio.....No crying allowed!

Dave Hall <nojunkmail_n3cvj@worldlynx.net> wrote in message
news:38D29EB9.5BE3@worldlynx.net...
> Gary Danaher wrote:
> >
> > So, tell me, how are these 'bragging rights' different from some guy who
> > shows up at a CB shootout with his Suburban equipped with 11
> > alternators?
> >
>
> Probably not much. Neither one are worth bragging about.
>
> The point is that anytime someone does something for the primary reason
> of elevating himself up to a higher plane, wrt his peers, it's nothing
> more than self-praise, a poor substitute for mutual respect.....
>
> Dave
>

921. Re: Need A Good Sat TRacking Prog.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-24 00:00:00 UTC
From: AnonMn@netscape.net
Message-ID: <38dab33c.330653@news>
Source record: 9755

Downloaded Satscape. The setup.exe installed some old dlls and then proceded to yield all kind of errors. The only way to continue was to click on abort or ignore. I should have clocked abort! The program will run (sorta), but is the buggiest 6%&*)(*& program I ever made the mistake of downloading. Oh well.... you get what you pay for and it was free. Now for the uninstall... Hope my other programs aren't affected by the system changes. Hate to edit the reg.
Ken K5MBV

On Thu, 23 Mar 2000 00:57:31 -0600, Robert Hansil <rhansil@shawneelink.net> wrote:

>Hello I use Satscape The new version 1.40 You can get it at
>http://www.geocities.com/net23_uk/ there is a link to the program there .
>You can update keps one click from the net. You have to download the program
>speechpac and One file all info and links are on the same page.
>Thank you for your time The site is down at the momet.
>KB9MQH
>
>John wrote:
>
>> Hello.
>> I am using SATTRACK here and was wondering if there is a good newer
>> tracking prog that runs in win98 ???
>>
>> --
>> Cheerio from John. G0RDO.
>> John@morsecode.freeserve.co.uk
>> Devon, England.
>> Website http://www.morsecode.freeserve.co.uk
>

922. The Gigaversary is coming - a major space milestone

Newsgroup: rec.radio.amateur.space
Date: 2000-03-24 00:00:00 UTC
From: naughty@scallywag.com
Message-ID: <38dab496.11722472@news.u-net.net>
Source record: 9756

The Gigaversary is coming! A milestone in space history...

Only about a year to go!

Read all about it on

www.gigaversary.com

Cheers, T. Goodey

923. Re: You're men are already dead.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-24 00:00:00 UTC
From: Tony Hwang <2810311762@home.com>
Message-ID: <38DAE93E.1E94F54D@home.com>
Source record: 9757
Cross-posted to:
rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

Hi,
HAM radio is alive and well. Like anything else, it is changing with
time. Been on the air for 40 years and still did not have all the fun
yet. Thank you.
73,
Tony, VE6CGX

Bob wrote:
>
> You don't get it. "Amateur" radio is already dead, it died a long
> time ago. When the FCC came along and started to tell you what
> "modes" and frequencies you could use, along with how
> much power you can run...it really became something
> that would never interest me.
>
> I really couldn't care less about HAM radio.
>
> Hamish Moffatt wrote:
>
> > In rec.radio.amateur.space Bob <bob@bob.com> wrote:
> > > I would rather no restructuring so HAM radio would die
> > > quicker than it already is.
> >
> > Ham radio will be better off when attitudes like this cease.
> > Honestly, whether you like it or not, get over it! April 15 will
> > come and go, you might find some new people to talk to on HF
> > but otherwise you probably won't notice much difference.
> >
> > From what I read on these newsgroups, all the really badly behaved
> > ops are extras already!
> >
> > Some young people might get interested and actually progress the hobby
> > forward in some way. Wouldn't that be amazing? Less people talking on
> > HF about their currentl illnesses, I'll look forward to that.
> >
> > 73
> >
> > Hamish VK3SB

924. NOVA Demo

Newsgroup: rec.radio.amateur.space
Date: 2000-03-24 00:00:00 UTC
From: AnonMn@netscape.net
Message-ID: <38dae746.13654541@news>
Source record: 9758

Anyone had success running the observer setup with the NOVA demo?
Mine puts my observer location in the middle of the Atlantic Ocean when I put in 32.88 for lat and 96.68 for lon (coordinates for my location near Garland, Tx.) Another problem is that no matter which sats I select to be be viewed, the view includes only MIR and a military sat. Maybe the demo isn't really functional. The manual doesn't say. The demo description only says that the demo doesn't save configuration on exit. The program recommends Pentium processers. I'm running an AMD K6-II 350. ...Any ideas?

My InstanTrak doesn't work since Y2K unless the Keps are manipulated with a program to make a modification to them that IT will accept. Not practical.

Ken K5MBV

925. Re: NOVA Demo

Newsgroup: rec.radio.amateur.space
Date: 2000-03-24 00:00:00 UTC
From: AnonMn@netscape.net
Message-ID: <38daebb6.14789953@news>
Source record: 9759

My actual lon is -96.68, but NOVA doesn't accept negative
lon.
Ken K5MBV

926. Re: NOVA Demo

Newsgroup: rec.radio.amateur.space
Date: 2000-03-24 00:00:00 UTC
From: Frank <pe1knl@amsat.org>
Message-ID: <1bemds0jip4govdnof978tkmhlsn57nedk@4ax.com>
Source record: 9760

On Fri, 24 Mar 2000 04:15:40 GMT, AnonMn@netscape.net wrote:

>My actual lon is -96.68, but NOVA doesn't accept negative
>lon.
>Ken K5MBV

Please change: lon EAST to WEST
in the observer menu

73's de Frank pe1knl@amsat.org

927. site web

Newsgroup: rec.radio.amateur.space
Date: 2000-03-24 00:00:00 UTC
From: F5ODK <F5ODK@wanadoo.fr>
Message-ID: <8bful0$1ja$1@wanadoo.fr>
Source record: 9761

you can see my new site on the adress

http://www.multinania.com/f5odk

928. Re: NOVA Demo

Newsgroup: rec.radio.amateur.space
Date: 2000-03-24 00:00:00 UTC
From: AnonMn@netscape.net
Message-ID: <38db7d57.1339159@news>
Source record: 9762

That's not the problem Frank. The problem seems to be that no matter what
lon I input, the program will substitute 075 deg West in the view. This program
is cute, but not worth the effort to set up if can't set up a configuration that
is usable. The lat can be set, but the lon has some kind of problem that
I don't know how to fix and the manual doesn't help. I just wish that
InstanTrak would work with Y2K Keps without having them massaged first.
Ken K5MBV

On Fri, 24 Mar 2000 10:50:34 +0100, Frank <pe1knl@amsat.org> wrote:

>On Fri, 24 Mar 2000 04:15:40 GMT, AnonMn@netscape.net wrote:
>
>>My actual lon is -96.68, but NOVA doesn't accept negative
>>lon.
>>Ken K5MBV
>
>Please change: lon EAST to WEST
>in the observer menu
>
>73's de Frank pe1knl@amsat.org
>

929. Re: site web

Newsgroup: rec.radio.amateur.space
Date: 2000-03-24 00:00:00 UTC
From: AnonMn@netscape.net
Message-ID: <38db7f3f.1827239@news>
Source record: 9763

The DNS can't find the server in your address. Did you misspell mult....? in the address?
Ken K5MBV

On Fri, 24 Mar 2000 15:38:21 +0100, "F5ODK" <F5ODK@wanadoo.fr> wrote:

>you can see my new site on the adress
>
>http://www.multinania.com/f5odk
>
>

930. found it: multimania not multinania

Newsgroup: rec.radio.amateur.space
Date: 2000-03-24 00:00:00 UTC
From: AnonMn@netscape.net
Message-ID: <38db812f.2324003@news>
Source record: 9764

Found it with Web Ferret

Fri, 24 Mar 2000 14:46:35 GMT, AnonMn@netscape.net wrote:

>The DNS can't find the server in your address. Did you misspell mult....? in
>the address?
>Ken K5MBV
>
>
>On Fri, 24 Mar 2000 15:38:21 +0100, "F5ODK" <F5ODK@wanadoo.fr> wrote:
>
>>you can see my new site on the adress
>>
>>http://www.multinania.com/f5odk
>>
>>
>

931. Re: site web

Newsgroup: rec.radio.amateur.space
Date: 2000-03-24 00:00:00 UTC
From: fa1cil <fa1cil@wanadoo.fr>
Message-ID: <8bgf36$p3h$1@wanadoo.fr>
Source record: 9765

The exact adress is :

http://www.multimania.com/f5odk/

73 de Pascal FA1CIL

http://perso.wanadoo.fr/fa1cil/
http://perso.wanadoo.fr/fa1cil/UK.htm

932. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-24 00:00:00 UTC
From: vlfiscus@mcn.net
Message-ID: <sdnh8lc3lul81@corp.supernews.com>
Source record: 9766
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

dana@randomc.com (dana) wrote in
<Pine.GSO.4.10.10003201815130.29345-100000@cluster2>:

>I just canceled my arrl member ship as well.
>

That is couragous. Unfortunately, the ARRL BOD doesn't care what we do. I think they would gladly kiss 500 good hams goodbye if it meant they could sign up 1000 CBer's. There were alot of good hams that threw in the towel and lost faith with the league when the ARRL presented their restructuring proposal. The ARRL used to be a good organization with solid beliefs, they even showed concern for issues that were on the minds of non league members. I don't know what caused them to change, maybe it is just that they're to close to Washington D.C. and the liberal limp wristed Clinton Administration or Rep. Barney Franks home district and eight years of liberalism has rubbed off. One guy said he was going to cancel his ARRL life membership but I don't know if he ever did.

73 de kb7adl

22 day's till I send in my VE badge.

933. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-24 00:00:00 UTC
From: Ross Archer <archer@topnow.com>
Message-ID: <38DBE071.A4659EFC@topnow.com>
Source record: 9767
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Since you're obviously an opinionated idiot, as evidenced
by the stupidity written below, the hobby is much better off
without ya. Your bigoted mentality is pure CB-level,
by the way, so you really have nothing to feel superior about.

Good riddance.

-- Ross

"Vince Fiscus, KB7ADL" wrote:

> dana@randomc.com (dana) wrote in
> <Pine.GSO.4.10.10003201815130.29345-100000@cluster2>:
>
> >I just canceled my arrl member ship as well.
> >
>
> That is couragous. Unfortunately, the ARRL BOD doesn't care what we do. I
> think they would gladly kiss 500 good hams goodbye if it meant they could
> sign up 1000 CBer's. There were alot of good hams that threw in the towel
> and lost faith with the league when the ARRL presented their restructuring
> proposal. The ARRL used to be a good organization with solid beliefs, they
> even showed concern for issues that were on the minds of non league
> members. I don't know what caused them to change, maybe it is just that
> they're to close to Washington D.C. and the liberal limp wristed Clinton
> Administration or Rep. Barney Franks home district and eight years of
> liberalism has rubbed off. One guy said he was going to cancel his ARRL
> life membership but I don't know if he ever did.
>
> 73 de kb7adl
>
> 22 day's till I send in my VE badge.
>

934. Save Iridium

Newsgroup: rec.radio.amateur.space
Date: 2000-03-24 00:00:00 UTC
From: Glass User <glassuser@TAKETHISOUT.hotmail.com>
Message-ID: <p8TC4.759$zt.15701@news.swbell.net>
Source record: 9768

Sorry, my newsreader barfed and I lost all my archive, including the
previous thread.
A friend just showed me this site, http://www.saveiridium.com/ about making
the constellation into an open source network. This is far beyond my skill
to even determine the possbility, but if anyone wants to know, here it is.
-- Jordan

935. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-24 00:00:00 UTC
From: AndroidCat XENU <androidcat99@hotmail.com>
Message-ID: <kkSC4.9031$6S3.1811948@tw11.nn.bcandid.com>
Source record: 9769
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.shortwave

Vince Fiscus, KB7ADL <vlfiscus@mcn.net> wrote in message
news:sdnh8lc3lul81@corp.supernews.com...
> dana@randomc.com (dana) wrote in
> <Pine.GSO.4.10.10003201815130.29345-100000@cluster2>:
>
> >I just canceled my arrl member ship as well.
> >
>
> That is couragous. Unfortunately, the ARRL BOD doesn't care what we do. I
> think they would gladly kiss 500 good hams goodbye if it meant they could
> sign up 1000 CBer's. There were alot of good hams that threw in the towel
> and lost faith with the league when the ARRL presented their restructuring
> proposal. The ARRL used to be a good organization with solid beliefs, they
> even showed concern for issues that were on the minds of non league
> members. I don't know what caused them to change, maybe it is just that
> they're to close to Washington D.C. and the liberal limp wristed Clinton
> Administration or Rep. Barney Franks home district and eight years of
> liberalism has rubbed off. One guy said he was going to cancel his ARRL
> life membership but I don't know if he ever did.
>
> 73 de kb7adl
>
> 22 day's till I send in my VE badge.

Hopefully you'll cancel your ISP connection at the same time?

Hmm, what is the Usenet name equivalent of a lid who splatters across
frequencies (newsgroups)?

Please exclude rec.radio.scanner in future.

Ron of that ilk.

936. Re: Need A Good Sat TRacking Prog.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-24 00:00:00 UTC
From: JayCee <jaycee@nospam.demon.co.uk>
Message-ID: <dVqSGCAfe824EwrC@midmarsh.demon.co.uk>
Source record: 9770

In article <38dab33c.330653@news>, AnonMn@netscape.net writes
>Downloaded Satscape. The setup.exe installed some old dlls and then proceded to
>yield all kind of errors. The only way to continue was to click on abort or
>ignore. I should have clocked abort! The program will run (sorta), but is the
>buggiest 6%&*)(*& program I ever made the mistake of downloading. Oh well....
>you get what you pay for and it was free. Now for the uninstall... Hope my
>other programs aren't affected by the system changes. Hate to edit the reg.
>Ken K5MBV

I also downloaded the latest version of Satscape which is throwing up a
load of problems. At one stage my firewall refused to start after using
Satscape. According to the install log file there is only one entry in
the registry thank goodness :)

John M1BTR Lincolnshire, England
--
m1btr@midmarsh.demon.co.uk
QRV 6m 4m 2m 70cm 3cm Member: BATC RIG RSGB UKRS

937. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-25 00:00:00 UTC
From: wa2ise@netcom.com
Message-ID: <8bhi1oinl1@slb7.atl.mindspring.net>
Source record: 9771
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

In article <sdnh8lc3lul81@corp.supernews.com>,
Vince Fiscus, KB7ADL <vlfiscus@mcn.net> wrote:
>liberalism has rubbed off. One guy said he was going to cancel his ARRL
>life membership but I don't know if he ever did.
>
>73 de kb7adl
>
>22 day's till I send in my VE badge.
>
>
See the web page http://www.geocities.com/CapeCanaveral/9178/radios/ham.htm
for a counter showing exactly how much time you have to turn in your VE badge.

938. Building a simple sat-finder?

Newsgroup: rec.radio.amateur.space
Date: 2000-03-26 00:00:00 UTC
From: Ash <ash@vvv.tf>
Message-ID: <38DE113E.19485344@vvv.tf>
Source record: 9772
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.space

```
Is there a way to build a simple sat-finder?
Audiable signal or a meter doesn't matter...
Shouldn't be that hard to build should it?
Anyone got any schematics
Thanks

//Ash
```

939. HELP with WISP & KCT

Newsgroup: rec.radio.amateur.space
Date: 2000-03-26 00:00:00 UTC
From: Bart Berg <bberg@uslink.net>
Message-ID: <38DE1558.8662CCCC@uslink.net>
Source record: 9773

I am getting back on PACSATS trying to go from my old Win31 system to Win98.

I have WISP up and running but it won't drive my FT736R or the Yaesu rotor system thru KCT.

The SATDEMO program will drive the antenna but only partially works with the FT736R. It will set the Rig into the CAT mode and will change the modes (FM - CW- SSB) but will not change the frequency.

Has anyone had any experience with these problems ???

Thanks

Bart K8IRC

940. Re: satalite NG

Newsgroup: rec.radio.amateur.space
Date: 2000-03-26 00:00:00 UTC
From: Dave Heil <K8MN@cats-net.com>
Message-ID: <38DE17A9.D6F3D379@cats-net.com>
Source record: 9774

BusDriver wrote:
>
> is there a ng where people talk about working satalites i hope this
> isnt it?
> BUSDRIVER1@FREEWWWEB.COM
> WEB SITE WWW.CBguy.com
> 1-800-303-5152

No satalites here. This group is for satellite discussions.

Dave Heil

941. Re: HELP with WISP & KCT

Newsgroup: rec.radio.amateur.space
Date: 2000-03-26 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8dsai7.h4b.nomail@linux.pe1chl.ampr.org>
Source record: 9775

Bart Berg <bberg@uslink.net> wrote:
>I am getting back on PACSATS trying to go from my old Win31 system to
>Win98.

>I have WISP up and running but it won't drive my FT736R or the Yaesu
>rotor system thru KCT.

> The SATDEMO program will drive the antenna but only partially works
>with the FT736R. It will set the Rig into the CAT mode and will change
>the modes (FM - CW- SSB) but will not change the frequency.

>Has anyone had any experience with these problems ???

I believe there is a bug in the FT736R firmware. You cannot change the
bands through CAT unless you have 3 band units.

So, you need to set the correct bands through the frontpanel before you run
your PC program (does not matter what program you use, it is a problem in
the transceiver)

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

942. Klystron power supply

Newsgroup: rec.radio.amateur.space
Date: 2000-03-26 00:00:00 UTC
From: "Edgar J. Kaiser" <edgar.kaiser@t-online.de>
Message-ID: <38DE79B2.D3F63D63@t-online.de>
Source record: 9776

Has anybody a schematic for the power supply of a reflex klystron, e.g.
Telefunken YK 1023 (7600 - 8200 MHz).

Thanks,

Edgar

943. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-26 00:00:00 UTC
From: Me
Message-ID: <AA2DEF0E8E8C97CC.1D639ED0065244E4.31764D7D659D0B32@lp.airnews.net>
Source record: 9777
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Who cares? A bunch of upset grey haired old farts with obsolete values and obsolete tests, and obsolete modes.
Hand in your badge, see if ARRL or the rest of us new, modern, useful people care.

"Vince Fiscus, KB7ADL" <vlfiscus@mcn.net> wrote in message
news:sah7nsmf2pd20@corp.supernews.com...
> I'm an ARRL accredited examiner, but not for long. I Canceled my League
> membership in August, and I won't give exams under the new system. I'm
> turning in my Badge.
>
> Anyone else have the guts to join me?
>
> 73 de KB7ADL

944. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-26 00:00:00 UTC
From: "_._. _ _._" <ham@dataworks.net>
Message-ID: <38DE9094.B07E4861@dataworks.net>
Source record: 9778
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Me wrote:

> Who cares? A bunch of upset grey haired old farts with obsolete values and obsolete tests, and obsolete modes.
> Hand in your badge, see if ARRL or the rest of us new, modern, useful people care.

I care! What is an obselete mode? What is an obselete test?
And what are obselete values! I don't have any grey hair.
Old is a relative term. However, I am in my 40's. I took my exams at an FCC office and still believe all exams should be given there. Ham radio took another step back when the VEC program was born. To many people get their license or upgrade because they have friends who are VE's. Ham radio took another step back when the no-code license was born. And now with the new license restructure, the hobby has move backwards even further. I don't have a VE badge to send back to ARRL but I can understand why people are doing it. I for one don't need a radio club from CT to speak on my behalf. They put out some nice books but , in my opinion, that is all they are good for.
Currently I have an Extra class license and I have it so I can work the lower 25 of the CW band.
I work ALL amateur radio frequencies from 160M to 23CM and use ALL modes, not much voice though.
Yes I do care the way our hobby is being flushed down the gutter buy the FCC giving in to people who don't want to work for their license and getting something for nothing!

> "Vince Fiscus, KB7ADL" <vlfiscus@mcn.net> wrote in message news:sah7nsmf2pd20@corp.supernews.com...
> > I'm an ARRL accredited examiner, but not for long. I Canceled my League
> > membership in August, and I won't give exams under the new system. I'm
> > turning in my Badge.
> >
> > Anyone else have the guts to join me?
> >
> > 73 de KB7ADL

945. Re: Building a simple sat-finder?

Newsgroup: rec.radio.amateur.space
Date: 2000-03-26 00:00:00 UTC
From: anti.spam@netcentral.co.uk
Message-ID: <B5045A629668FBD08@host62-6-109-213.netcentral.co.uk>
Source record: 9779
Cross-posted to: rec.radio.amateur.homebrew,rec.radio.amateur.space

In article <38DE113E.19485344@vvv.tf>,
Ash <ash@vvv.tf> wrote:

>Is there a way to build a simple sat-finder?
>Audiable signal or a meter doesn't matter...
>Shouldn't be that hard to build should it?
>Anyone got any schematics
>Thanks
>
>//Ash
>

Is this for 1 - 2GHz work?
How good are you at microstrip design?

Do you like a challenge or do you simply begrudge paying out £19.95 for a ready-built one?

http://www.netcentral.co.uk/satcure/sataccs.htm

Martin

946. Re: NOVA Demo

Newsgroup: rec.radio.amateur.space
Date: 2000-03-26 00:00:00 UTC
From: "Richard L. Tannehill, P.E." <rickw7rt@firstinter.net>
Message-ID: <38DEA2CA.726A@firstinter.net>
Source record: 9780

AnonMn@netscape.net wrote:
>
> That's not the problem Frank. The problem seems to be that no matter what
> lon I input, the program will substitute 075 deg West in the view. This program
> is cute, but not worth the effort to set up if can't set up a configuration that
> is usable. The lat can be set, but the lon has some kind of problem that
> I don't know how to fix and the manual doesn't help. I just wish that
> InstanTrak would work with Y2K Keps without having them massaged first.
> Ken K5MBV
>
> On Fri, 24 Mar 2000 10:50:34 +0100, Frank <pe1knl@amsat.org> wrote:
>
> >On Fri, 24 Mar 2000 04:15:40 GMT, AnonMn@netscape.net wrote:
> >
> >>My actual lon is -96.68, but NOVA doesn't accept negative
> >>lon.
> >>Ken K5MBV
> >
> >Please change: lon EAST to WEST
> >in the observer menu
> >
> >73's de Frank pe1knl@amsat.org
> >

I suggest you just break down, and pay the $50 for the fully enabled
version of Nova. It's a great program. Frankly, I don't see the hassle
with translating keps for InstantTrack. It works great for me.

Rick T.
W7RT

947. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-26 00:00:00 UTC
From: Glen Quarnstrom <glenq@cyberhighway.net>
Message-ID: <6egtdsk0mo72ecruivs5h8l5t8qhhng9vk@4ax.com>
Source record: 9781
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

"_._. _ _._" <ham@dataworks.net> wrote:

>I care! What is an obselete mode? What is an obselete test?

CW.

>And what are obselete values! I don't have any grey hair.
>Old is a relative term. However, I am in my 40's. I took my
>exams at an FCC office and still believe all exams should be
>given there. Ham radio took another step back when the VEC

Are YOU willing to pay for the extra expense involved?

>program was born. To many people get their license or upgrade
>because they have friends who are VE's. Ham radio took another

That happened long before the VEC program was started.

>step back when the no-code license was born. And now with the
>new license restructure, the hobby has move backwards even

Times change. The hobby must change with them, or die.

>further. I don't have a VE badge to send back to ARRL but I

Understandable, since you lack even the courage to post with your name
or callsign.

>can understand why people are doing it. I for one don't need a
>radio club from CT to speak on my behalf. They put out some nice

Who's going to do it, then? I admit they do a lousy job, but they're
all we have. If folks like you would get involved and run for League
office, or at least vote, things would change.

>books but , in my opinion, that is all they are good for.
>Currently I have an Extra class license and I have it so I can
>work the lower 25 of the CW band.

In that case, the new rules will affect you NOT AT ALL. So what are you
whining about?

>I work ALL amateur radio frequencies from 160M to 23CM
>and use ALL modes, not much voice though.

So?

>Yes I do care the way our hobby is being flushed down the
>gutter buy the FCC giving in to people who don't want to

>work for their license and getting something for nothing!

Yawn.
--
glenq@cyberhighway.net
WB7DOW

http://www.cyberhighway.net/~glenq/

948. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-26 00:00:00 UTC
From: W6RCecilA <Cecil.A.Moore@IEEE.org>
Message-ID: <38DECCB7.9F0E3798@IEEE.org>
Source record: 9782
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

"_._. _ _._" wrote:
> Ham radio took another step back when the VEC program was born.
> Ham radio took another step back when the no-code license was born.
> And now with the new license restructure, the hobby has move
> backwards even further.

When are hams going to stop whining and get on with the hobby?
--
73, Cecil, W6RCA http://www.mindspring.com/~w6rca

949. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-26 00:00:00 UTC
From: Bill Newkirk <wnewkirk@iu.net>
Message-ID: <sdtmg0pslul84@corp.supernews.com>
Source record: 9783
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Sounds like the poster is one of the people in one of the mixed bowling leagues I'm in.. whine whine whine.

The lanes aren't dressed right. It's too hot, too cold, the overhead fans are too fast/too slow. the other team is loaded up with sandbaggers, etc. etc.

W6RCecilA <Cecil.A.Moore@IEEE.org> wrote in message news:38DECCB7.9F0E3798@IEEE.org...
> "_._. _ _._" wrote:
> > Ham radio took another step back when the VEC program was born.
> > Ham radio took another step back when the no-code license was born.
> > And now with the new license restructure, the hobby has move
> > backwards even further.
>
> When are hams going to stop whining and get on with the hobby?
> --
> 73, Cecil, W6RCA http://www.mindspring.com/~w6rca

950. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-26 00:00:00 UTC
From: Bill Newkirk <wnewkirk@iu.net>
Message-ID: <sdtmaur8lul129@corp.supernews.com>
Source record: 9784
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

since the option was either a VEC type of program or no licensing/rare licensing...which do you think is better for the service?

for this part of the world, the VEC program means you can take the test locally instead of having to drive to tampa or miami in the middle of the week.

seems the enforcement guys and gals discover questionable exams on a regular basis. if you have proof of fraud or cheating, please do pass it on to them.

_._. _ _._ <ham@dataworks.net> wrote in message news:38DE9094.B07E4861@dataworks.net...
>
>
> Me wrote:
>
> > Who cares? A bunch of upset grey haired old farts with obsolete values and obsolete tests, and obsolete modes.
> > Hand in your badge, see if ARRL or the rest of us new, modern, useful people care.
>
> I care! What is an obselete mode? What is an obselete test?
> And what are obselete values! I don't have any grey hair.
> Old is a relative term. However, I am in my 40's. I took my
> exams at an FCC office and still believe all exams should be
> given there. Ham radio took another step back when the VEC
> program was born. To many people get their license or upgrade
> because they have friends who are VE's. Ham radio took another
> step back when the no-code license was born. And now with the
> new license restructure, the hobby has move backwards even
> further. I don't have a VE badge to send back to ARRL but I
> can understand why people are doing it. I for one don't need a
> radio club from CT to speak on my behalf. They put out some nice
> books but , in my opinion, that is all they are good for.
> Currently I have an Extra class license and I have it so I can
> work the lower 25 of the CW band.
> I work ALL amateur radio frequencies from 160M to 23CM
> and use ALL modes, not much voice though.
> Yes I do care the way our hobby is being flushed down the
> gutter buy the FCC giving in to people who don't want to
> work for their license and getting something for nothing!
>
>
>

>
> > "Vince Fiscus, KB7ADL" <vlfiscus@mcn.net> wrote in message
news:sah7nsmf2pd20@corp.supernews.com...
> > > I'm an ARRL accredited examiner, but not for long. I Canceled my
League
> > > membership in August, and I won't give exams under the new system.
I'm
> > > turning in my Badge.
> > >
> > > Anyone else have the guts to join me?
> > >
> > > 73 de KB7ADL
>

951. Re: 60 Days until I turn in my VE badge. Hey Cecil

Newsgroup: rec.radio.amateur.space
Date: 2000-03-27 00:00:00 UTC
From: Glen Quarnstrom <glenq@cyberhighway.net>
Message-ID: <1cgvdskii8dcrosacnrp81nm4uhad3l821@4ax.com>
Source record: 9699
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

W6RCecilA <Cecil.A.Moore@IEEE.org> wrote:

>POSSUM BELLY ASSHOLE wrote:
>> Because it is 'not' a HOBBY.. Read my lips again: IT IS A SERVICE,
>> NOT A HOBBY.
>
>Please tell us exactly how you manage to keep your amateur radio
>service at 100%. For me, and most of the hams I know, it is
>98% hobby, 2% service. Service is a secondary standby operation
>at best.

I think he may have the alternate definition of "service" in mind.
--
glenq@cyberhighway.net
WB7DOW

http://www.cyberhighway.net/~glenq/

952. Re: 60 Days until I turn in my VE badge. Hey Cecil

Newsgroup: rec.radio.amateur.space
Date: 2000-03-27 00:00:00 UTC
From: William Lee <n5wrx@parrett.net>
Message-ID: <38dfc669.0@news>
Source record: 9700
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Cecil ..... you have been inticed into a battle of witts with an unarmed
man.

William Lee N5WRX

W6RCecilA <Cecil.A.Moore@IEEE.org> wrote in message
news:38DF8F5D.33904A34@IEEE.org...
> POSSUM BELLY ASSHOLE wrote:
> > Because it is 'not' a HOBBY.. Read my lips again: IT IS A SERVICE,
> > NOT A HOBBY.
>
> Please tell us exactly how you manage to keep your amateur radio
> service at 100%. For me, and most of the hams I know, it is
> 98% hobby, 2% service. Service is a secondary standby operation
> at best.
> --
> 73, Cecil, W6RCA http://www.mindspring.com/~w6rca

953. How good is your memory about antennas?

Newsgroup: rec.radio.amateur.space
Date: 2000-03-27 00:00:00 UTC
From: compcnsult@aol.com
Message-ID: <20000327181303.03536.00004714@ng-cm1.aol.com>
Source record: 9701

Several years ago QST ran an antenna construction article for a eggbeater type of antenna used for low orbiting NOAA sats. It was called a "Quad ??????? " type of antenna and was madew out of PVC pipe.

Now the hard part! Does anyone remember which year and month this antenna construction article ran? Also if you hae the article woupd you run me a copy of it I would be willing to pay for your trouble!

73's and God Bless
Chuck
W0CBF

954. Anyone hearing RS-15 this week?

Newsgroup: rec.radio.amateur.space
Date: 2000-03-27 00:00:00 UTC
From: w8ijdave@aol.com
Message-ID: <20000327183653.06434.00001113@ng-fn1.aol.com>
Source record: 9702

Anyone hearing RS-15 lately? I have listened for it for the last few days and haven't heard its on-and-off carrier.

Dave W8IJ/3

955. WTB Inexpensive AZ-EL

Newsgroup: rec.radio.amateur.space
Date: 2000-03-27 00:00:00 UTC
From: Paul Breed <Paul@Rasdoc.com>
Message-ID: <38DFE316.F9A8043F@Rasdoc.com>
Source record: 9703

Any suggestions for a lightweight AZ-EL rotator for a single 8 to 10 el
70cm Yagi?
I want to use it to follow an ATV signal from a balloon.

I know it's not a sat, but you guy's all do AZ-EL.

Paul (Kl7JG)

956. Re: HELP with WISP & KCT

Newsgroup: rec.radio.amateur.space
Date: 2000-03-27 00:00:00 UTC
From: Bart Berg <bberg@uslink.net>
Message-ID: <38E030F8.1E787465@uslink.net>
Source record: 9704

I have problems with both frequency tracking and rotor tracking.

FT736R problem:

Wisp95 will set the radio to CAT but will not change the frequency.

Rotor Problem

Wisp will not drive the rotors to track. Wisp window does read and indicate the correct rotor position. Wisp parks the rotors at the end of a pass.

The SATDEMO program will drive the rotors OK but will not change frequency on the FT736. The program will change the modes (CW-FM-LSB-USB)

957. Need radio recomendations for FM Sas

Newsgroup: rec.radio.amateur.space
Date: 2000-03-27 00:00:00 UTC
From: "cdma77@aol.com" <cdma77@aol.com>
Message-ID: <38E04367.2B24@aol.com>
Source record: 9705

Hello All,

I am looking for recomendations on dual band 2mtr/70cm dual band mobiles
for FM sats, i.e., good sensitivity around 436 MHz. New or used would
be great.

958. Re: HELP with WISP & KCT

Newsgroup: rec.radio.amateur.space
Date: 2000-03-27 00:00:00 UTC
From: Bart Berg <bberg@uslink.net>
Message-ID: <38DEAA71.19F45E67@uslink.net>
Source record: 9785

Ok Rob

I have 4 bands in my FT736

And the rig use to work fine under Win31 WISP . I used it for years flawlessly

WISP95 read the rotor and even zeros the rotor after a pass but will not track.

959. 32 ghz frequency ⍰1 ghz

Newsgroup: rec.radio.amateur.space
Date: 2000-03-27 00:00:00 UTC
From: Draker <pboucher@cgocable.ca>
Message-ID: <myCD4.39245$jb7.783639@carnaval.risq.qc.ca>
Source record: 9786
Cross-posted to: alt.ham-radio.am,alt.radio.scanner,alt.radio.scanner.flame_fest,alt.radio.scanner.uk,rec.radio.amateur.equipment, rec.radio.amateur.space

Hi,
I'd like to know what kind of use is done with that kind of frequency.
Whta kind of equipement use this frequency or frequency ⍰1 ghz. Thanks to help me in my research .

960. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-27 00:00:00 UTC
From: jeffreyh@Hawaii.Edu
Message-ID: <8bmvng$t6k$1@news.hawaii.edu>
Source record: 9787
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

W6RCecilA <Cecil.A.Moore@IEEE.org> wrote:
>When are hams going to stop whining and get on with the hobby?

Why are you only now asking that question? Why weren't you asking that
during the last 5 or 50 years in which the NCTA were whining?

73, Jeff KH6O

961. Re: HELP with WISP & KCT

Newsgroup: rec.radio.amateur.space
Date: 2000-03-27 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8du5g5.ot4.nomail@linux.pe1chl.ampr.org>
Source record: 9788

Bart Berg <bberg@uslink.net> wrote:
>Ok Rob

>I have 4 bands in my FT736

>And the rig use to work fine under Win31 WISP . I used it for years
>flawlessly

Then is must be something else...

>WISP95 read the rotor and even zeros the rotor after a pass but will
>not track.

Oh, I believed you reported a problem with frequency tracking.

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

962. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-27 00:00:00 UTC
From: Paul Breed <Paul@Rasdoc.com>
Message-ID: <38DF4B10.149676F4@Rasdoc.com>
Source record: 9789
Cross-posted to: r,rec.radio.amateur.space

As hams we are sitting on billions of dollars worth of frequency space.
If the hobby continues to be vibrant and growing, continues to provide
valuable
public service, continues to attract new energetic young hams then we
will keep the
frequency space. If it becomes a narrow backwater then all of that is
at risk.

Times change, ham radio was once considered to be a technology leader.
If we can not keep that spirt alive then we all loose.

I've held my Advanced class license for almost 20 years.
I too took my first ham exam(s) at the FCC office.
I long ago stopped opperating on HF, as I could not handle the rudness
and
mutual spitfulness that regularly occures on thoose bands.

I've recently become involved with radio again through APRS and the
digital modes.
It is a fresh new environment, I've seen a number of new engineer/Hams
attracted by the new technology.
CW is an old mode, and it is hard to explain why knowing CW is more
important than knowing
something that is directly applicable like DSP programming.

I agree that making it too easy to get a ham license threatnes to turn
us into CB'ers,
but It would be politcally impossible to create a realistic useful exam
that the OT Extras
could not pass.

How many of the you old CW fans could build a modern DSP IF or even
dicuss it's basic operating processes?
How many have written even one line of code! (programming, not morse!)
I believe that you should all be retested to make sure you are current!

I for one am glad to see that the hobby can continue to grow and be
useful.

I apolgize for any insult I may have caused thoose that are old time
hams and
truely do operate in todays technology. You should know that this rant
was aimed at the people
who oppose progress rather then thoose that foster it.

Paul (Kl7JG)

963. Re: 60 Days until I turn in my VE badge. Hey Cecil

Newsgroup: rec.radio.amateur.space
Date: 2000-03-27 00:00:00 UTC
From: POSSUM BELLY ASSHOLE <one.big.asshole@ahole.com>
Message-ID: <38DF93C4.8CBA8AE@ahole.com>
Source record: 9790
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Because it is 'not' a HOBBY.. Read my lips again: IT IS A SERVICE,
NOT A HOBBY.

W6RCecilA wrote:
>
> "_._. _ _._" wrote:
> > Ham radio took another step back when the VEC program was born.
> > Ham radio took another step back when the no-code license was born.
> > And now with the new license restructure, the hobby has move
> > backwards even further.
>
> When are hams going to stop whining and get on with the hobby?
> --
> 73, Cecil, W6RCA http://www.mindspring.com/~w6rca

964. Re: news article: 66 Iridium satelites likely to become floating space junk

Newsgroup: rec.radio.amateur.space
Date: 2000-03-27 00:00:00 UTC
From: ds0007@medtronic.COM
Message-ID: <8bnur1$7ro$1@gazette.corp.medtronic.com>
Source record: 9791

Some endurance-explorer atheletes may lose communications link
when Iridium shuts down. Info from latest comp.risks posting.

Dale Skiba
W0BOT

Date: Thu, 23 Mar 2000 7:55:01 PST
From: "Peter G. Neumann" <neumann@csl.sri.com>
Subject: Iridium insidium

Jo Le Guen, the Frenchman who is rowing solo across the Pacific, six weeks
into a four-month trip from NZ to Cape Horn in Chile, in hopes of raising
awareness of the plight of our oceans.
[http://www.wired.com/news/print/0,1294,35077,00.html]

Rune Gjeldnes and Torry Larsen, two Norwegians, are attempting to be the
first known to ski from Russia to Canada over the North Pole.
[http://dailynews.yahoo.com/h/nm/20000320/tc/iridium_norway_1.html]

What do they have in common? Both efforts may lose their communications
lifelines when the plug is pulled on the Iridium satellite network at
midnight on 24 Mar 2000, after Iridium LLC failed to be rescued from
bankruptcy. However, Motorola will attempt to keep the network running in
remote areas "for a limited period of time." Le Guen gets his weather
forecasts from France, and talks with his doctor. (He has some alternative
modes of communication, but with practical restrictions.)

[Thanks to Mark Brader and George Mannes for the source material.]

RISKS-LIST: Risks-Forum Digest Friday 24 March 2000 Volume 20 : Issue 85

FORUM ON RISKS TO THE PUBLIC IN COMPUTERS AND RELATED SYSTEMS (comp.risks)
ACM Committee on Computers and Public Policy, Peter G. Neumann, moderator

The RISKS Forum is a MODERATED digest. Its Usenet equivalent is comp.risks.
=> SUBSCRIPTIONS: PLEASE read RISKS as a newsgroup (comp.risks or equivalent)
if possible and convenient for you. Alternatively, via majordomo,
SEND DIRECT E-MAIL REQUESTS to <risks-request@csl.sri.com> with one-line,
SUBSCRIBE (or UNSUBSCRIBE) [with net address if different from FROM:] or
INFO [for unabridged version of RISKS information]
.MIL users should contact <risks-request@pica.army.mil> (Dennis Rears).
.UK users should contact <Lindsay.Marshall@newcastle.ac.uk>.
=> The INFO file (submissions, default disclaimers, archive sites,
copyright policy, PRIVACY digests, etc.) is also obtainable from

http://www.CSL.sri.com/risksinfo.html ftp://www.CSL.sri.com/pub/risks.info
The full info file will appear now and then in future issues. *** All
contributors are assumed to have read the full info file for guidelines. ***
=> SUBMISSIONS: to risks@CSL.sri.com with meaningful SUBJECT: line.
=> ARCHIVES are available: ftp://ftp.sri.com/risks or
ftp ftp.sri.com<CR>login anonymous<CR>[YourNetAddress]<CR>cd risks
[volume-summary issues are in risks-*.00]
[back volumes have their own subdirectories, e.g., "cd 19" for volume 19]
or http://catless.ncl.ac.uk/Risks/VL.IS.html [i.e., VoLume, ISsue].
Also, new AUSTRALIAN archives at http://mirror.aarnet.edu.au/risks/ and
http://the.wiretapped.net/security/textfiles/risks-digest/ .
PostScript copy of PGN's comprehensive historical summary of one liners:
illustrative.PS at ftp.sri.com/risks .

965. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-27 00:00:00 UTC
From: W6RCecilA <Cecil.A.Moore@IEEE.org>
Message-ID: <38DF8E9D.77F0328C@IEEE.org>
Source record: 9792
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

Jeffrey Herman wrote:
>
> W6RCecilA <Cecil.A.Moore@IEEE.org> wrote:
> >When are hams going to stop whining and get on with the hobby?
>
> Why are you only now asking that question? Why weren't you asking that
> during the last 5 or 50 years in which the NCTA were whining?

Because the NCTA was asking for change and they got it. Now the
PCTA is asking for that change to be undone, i.e. a step backwards.
Eliminating the med/high-speed code requirements was "getting on"
with the hobby. Going backwards certainly would not be.
--
73, Cecil, W6RCA http://www.mindspring.com/~w6rca

966. Re: 60 Days until I turn in my VE badge. Hey Cecil

Newsgroup: rec.radio.amateur.space
Date: 2000-03-27 00:00:00 UTC
From: W6RCecilA <Cecil.A.Moore@IEEE.org>
Message-ID: <38DF8F5D.33904A34@IEEE.org>
Source record: 9793
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

POSSUM BELLY ASSHOLE wrote:
> Because it is 'not' a HOBBY.. Read my lips again: IT IS A SERVICE,
> NOT A HOBBY.

Please tell us exactly how you manage to keep your amateur radio
service at 100%. For me, and most of the hams I know, it is
98% hobby, 2% service. Service is a secondary standby operation
at best.
--
73, Cecil, W6RCA http://www.mindspring.com/~w6rca

967. Re: news article: 66 Iridium satelites likely to become floating space junk

Newsgroup: rec.radio.amateur.space
Date: 2000-03-27 00:00:00 UTC
From: ds0007@medtronic.COM
Message-ID: <8bo3sc$97o$1@gazette.corp.medtronic.com>
Source record: 9794

Yet another article, this one on an open source movement to raise
money to buy out the satellite system...

http://www.salon.com/tech/log/2000/03/23/save_iridium/index.html

[...]

Thursday morning, the three longtime friends, who are systems administrators
and network architects, launched the Web site for Save Our Sats, a
yet-to-be-incorporated nonprofit that hopes to raise money to save the
apparently doomed satellite network Iridium. Just Monday night they hatched
their rescue plans, where else but in a chat room.

[...]

In the unlikely event that Save Our Sats does quickly raise hundreds of million
of dollars for the cause, the organization would operate as a nonprofit on a kind
of public television model, in what they call, in the loosest sense of the term
-- open source. The organization would be collectively controlled by
thousands of members and volunteers with no one company or person owning
a controlling interest. Members would receive a discount for Iridium phone
service, which could also be used for global Net access, albeit at 9,600 baud,
and any other purpose the collective genius of the owners could dream up.

[...]

W0BOT
Dale Skiba

968. Re: 32 ghz frequency ⍰1 ghz

Newsgroup: rec.radio.amateur.space
Date: 2000-03-27 00:00:00 UTC
From: dynastic@REMOVE_THIScwcom.net
Message-ID: <38df90de.1818945@news.cwcom.net>
Source record: 9795
Cross-posted to: alt.ham-radio.am,alt.radio.scanner,alt.radio.scanner.flame_fest,alt.radio.scanner.uk,rec.radio.amateur.equipment, rec.radio.amateur.space

On Mon, 27 Mar 2000 05:43:46 GMT, "Draker" <pboucher@cgocable.ca> wrote:

>Hi,
> I'd like to know what kind of use is done with that kind of frequency.
>Whta kind of equipement use this frequency or frequency ⍰1 ghz. Thanks to
>help me in my research .

31.8 - 32 GHz...Radio Navigation (Radar etc); Space Research
32.0 - 32.3.....Inter-Satellite Comms; Radio Navigation
Space Research
32.3 - 33.......Inter-Satellite; Space Research

--
Jim Dunnett.
dynastic at cwcom.net

He who laughs last doesn't
get the joke.

969. New to satallite work...need suggestions

Newsgroup: rec.radio.amateur.space
Date: 2000-03-27 00:00:00 UTC
From: Dan Buchanan - KF4LNE <kf4lne@ioa.com>
Message-ID: <OeOD4.336$cQ1.854@newsfeed.slurp.net>
Source record: 9796

I'm new to the sattallite thing and I'm looking for suggestions. Are there birds I can use on VHF/UHF FM without the need of a warehouse supply of 13B2's and a nuclear power station to run the rotor system? Something i can use on a dual-band vertical with 25 watts? Also, are there any birds listening on 6M SSB, and if so what freq?
Thanks,
Dan - KF4LNE

970. Re: 60 Days until I turn in my VE badge. Hey Cecil

Newsgroup: rec.radio.amateur.space
Date: 2000-03-27 00:00:00 UTC
From: POSSUM BELLY ASSHOLE <one.big.asshole@ahole.com>
Message-ID: <38DFDDF6.2DAEF65C@ahole.com>
Source record: 9797
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

But in Part 97 it is listed as a service. Nowhere do I see it
mentioned as a hobby.

W6RCecilA wrote:
>
> POSSUM BELLY ASSHOLE wrote:
> > Because it is 'not' a HOBBY.. Read my lips again: IT IS A SERVICE,
> > NOT A HOBBY.
>
> Please tell us exactly how you manage to keep your amateur radio
> service at 100%. For me, and most of the hams I know, it is
> 98% hobby, 2% service. Service is a secondary standby operation
> at best.
> --
> 73, Cecil, W6RCA http://www.mindspring.com/~w6rca

971. Re: 60 Days until I turn in my VE badge. Hey Cecil

Newsgroup: rec.radio.amateur.space
Date: 2000-03-27 00:00:00 UTC
From: Glen Quarnstrom <glenq@cyberhighway.net>
Message-ID: <nagvds4n2inhi1vepl8fgrmnvi7ppgq89s@4ax.com>
Source record: 9798
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

POSSUM BELLY ASSHOLE <one.big.asshole@ahole.com> wrote:

>Because it is 'not' a HOBBY.. Read my lips again: IT IS A SERVICE,
>NOT A HOBBY.

It's a hobby. Get used to it.

--
glenq@cyberhighway.net
WB7DOW

http://www.cyberhighway.net/~glenq/

972. Re: New to satallite work...need suggestions

Newsgroup: rec.radio.amateur.space
Date: 2000-03-28 00:00:00 UTC
From: vk8kcs@ozemail.com.au
Message-ID: <vk8kcs-2803000854540001@slali52p07.ozemail.com.au>
Source record: 9706

In article <OeOD4.336$cQ1.854@newsfeed.slurp.net>, "Dan Buchanan - KF4LNE"
<kf4lne@ioa.com> wrote:

> I'm new to the sattallite thing and I'm looking for suggestions. Are there
> birds I can use on VHF/UHF FM without the need of a warehouse supply of
> 13B2's and a nuclear power station to run the rotor system? Something i can
> use on a dual-band vertical with 25 watts? Also, are there any birds
> listening on 6M SSB, and if so what freq?
> Thanks,
> Dan - KF4LNE

Try SO-35 aka Sunsat 35, a South African imaging sat. with basically a
cross band repeater on board, check it at...

http://sunsat.ee.sun.ac.za/

I am working it easily with 25w and vertical, UO-14 is also available,
much the same as SO-35, FM VHF up UHF down. Great fun, check 'em out!

73 de Chris...VK8KCS

973. Re: 6 New High frequency CB radio Bands Authorized.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-28 00:00:00 UTC
From: konstans@oneleven.net
Message-ID: <38dffda2.1699162@nntp.one-eleven.net>
Source record: 9707
Cross-posted to:
rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

On Tue, 21 Mar 2000 22:43:04 GMT, "Bo Knows" <boknowsamps@aol.com>
wrote:

>Because amatuer radio is used to communicate with people all around the
>globle who don't speak the same language....
>It is also a privelage to have a ham license just likeyour drivers license
>is a privelage...I am sure there are many driving laws you don't like
>either....
>
Your point is? Yes theire are driving laws i don't think much of,
that does not keep from trying to change them etc

974. Re: Need A Good Sat TRacking Prog.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-28 00:00:00 UTC
From: Melaine Langi <mlangi@islanderbestbuys.com>
Message-ID: <8bpf68rat1@brokaw.wa.com>
Source record: 9708

I've just downloaded Nova and like it very much
John <John@morsecode.freeserve.co.uk> wrote in message
news:8bb1ef$p1m$1@news8.svr.pol.co.uk...
> Hello.
> I am using SATTRACK here and was wondering if there is a good
newer
> tracking prog that runs in win98 ???
>
> --
> Cheerio from John. G0RDO.
> John@morsecode.freeserve.co.uk
> Devon, England.
> Website http://www.morsecode.freeserve.co.uk
>
>

975. Re: Need A Good Sat TRacking Prog.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-28 00:00:00 UTC
From: Dan Buchanan - KF4LNE <kf4lne@ioa.com>
Message-ID: <VUXD4.319$N8.867@newsfeed.slurp.net>
Source record: 9709

I use Winorbit 3.6. I havent seen it yet but ive heard there is a rotor
controll add-on for it too.
Melaine Langi <mlangi@islanderbestbuys.com> wrote in message
news:8bpf68rat1@brokaw.wa.com...
> I've just downloaded Nova and like it very much
> John <John@morsecode.freeserve.co.uk> wrote in message
> news:8bb1ef$p1m$1@news8.svr.pol.co.uk...
> > Hello.
> > I am using SATTRACK here and was wondering if there is a good
> newer
> > tracking prog that runs in win98 ???
> >
> > --
> > Cheerio from John. G0RDO.
> > John@morsecode.freeserve.co.uk
> > Devon, England.
> > Website http://www.morsecode.freeserve.co.uk
> >
> >
>
>

976. Re: 60 Days until I turn in my VE badge. Hey Cecil

Newsgroup: rec.radio.amateur.space
Date: 2000-03-28 00:00:00 UTC
From: POSSUM BELLY ASSHOLE <one.big.asshole@ahole.com>
Message-ID: <38E0D413.D0CE2959@ahole.com>
Source record: 9710
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Yo Glen, show mw in part 97 where it is defined as a 'HOBBY'....

Glen Quarnstrom wrote:
>
> POSSUM BELLY ASSHOLE <one.big.asshole@ahole.com> wrote:
>
> >Because it is 'not' a HOBBY.. Read my lips again: IT IS A SERVICE,
> >NOT A HOBBY.
>
> It's a hobby. Get used to it.
>
> --
> glenq@cyberhighway.net
> WB7DOW
>
> http://www.cyberhighway.net/~glenq/

977. Re: HELP with WISP & KCT

Newsgroup: rec.radio.amateur.space
Date: 2000-03-28 00:00:00 UTC
From: Laura Halliday <va3ldh@sympatico.ca>
Message-ID: <38E0C56F.BE03C3C2@sympatico.ca>
Source record: 9711

Bart Berg wrote:
>
> I have problems with both frequency tracking and rotor tracking.
>
> FT736R problem:
>
> Wisp95 will set the radio to CAT but will not change the frequency.
>
> Rotor Problem
>
> Wisp will not drive the rotors to track. Wisp window does read and
> indicate the correct rotor position. Wisp parks the rotors at the end
> of a pass.
>
> The SATDEMO program will drive the rotors OK but will not change
> frequency on the FT736. The program will change the modes
> (CW-FM-LSB-USB)

Since neither program will work, your problem is with the KCT board,
the only part common to both.

Try different I/O address ranges on the KCT. They're not plug and play,
and if you get it wrong, they get very confused. Double-check the
interface software. If in doubt, reinstal.

Since some of the 736's CAT functions work it's probably OK, but
you might want to test it just to make sure. There are programs
kicking around, and the manual provides protocol details.
--
Laura Halliday VA3LDH "Laisse le vent tout emporter..."
Grid: FN03gs - Foly/Viennet

978. Re: NOVA Demo

Newsgroup: rec.radio.amateur.space
Date: 2000-03-28 00:00:00 UTC
From: Frank <pe1knl@amsat.org>
Message-ID: <6gk1esgmiurhpig2endmo3nus76cn9v3gk@4ax.com>
Source record: 9712

On Fri, 24 Mar 2000 14:42:00 GMT, AnonMn@netscape.net wrote:

>That's not the problem Frank. The problem seems to be that no matter what
>lon I input, the program will substitute 075 deg West in the view. This program
>is cute, but not worth the effort to set up if can't set up a configuration that
>is usable. The lat can be set, but the lon has some kind of problem that
>I don't know how to fix and the manual doesn't help. I just wish that
>InstanTrak would work with Y2K Keps without having them massaged first.
>Ken K5MBV
>
>
>
>
>On Fri, 24 Mar 2000 10:50:34 +0100, Frank <pe1knl@amsat.org> wrote:
>
>>On Fri, 24 Mar 2000 04:15:40 GMT, AnonMn@netscape.net wrote:
>>
>>>My actual lon is -96.68, but NOVA doesn't accept negative
>>>lon.
>>>Ken K5MBV
>>
>>Please change: lon EAST to WEST
>>in the observer menu
>>
>>73's de Frank pe1knl@amsat.org
>>

Hello Ken,

can you please give me your LAT also again,
I tried putting in LON 96.68 west in to Nova observers
without any problem, but don't remember your LAT,
I used LAT 45 (NORTH) to try it out and it seems your
perfect on the mainland of the US...

73's de Frank pe1knl@amsat.org

979. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-28 00:00:00 UTC
From: Keith Wood <kw@bctv.com>
Message-ID: <38E0EAFD.B64A27F0@bctv.com>
Source record: 9713
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

"Vince Fiscus, KB7ADL" wrote:

> 22 day's till I send in my VE badge.

Why wait? For that matter, you can send back your license, too, and
have the same effect on Restructuring (none).

980. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-28 00:00:00 UTC
From: Keith Wood <kw@bctv.com>
Message-ID: <38E0EB6E.56D30020@bctv.com>
Source record: 9714
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Ross Archer wrote:
>
> Since you're obviously an opinionated idiot, as evidenced
> by the stupidity written below, the hobby is much better off
> without ya. Your bigoted mentality is pure CB-level,
> by the way, so you really have nothing to feel superior about.

Incorrect.

He can feel superior about one thing.

He can display his utter worthlessness at 20 WPM.

981. Re: 32 ghz frequency ⊡1 ghz

Newsgroup: rec.radio.amateur.space
Date: 2000-03-28 00:00:00 UTC
From: dynastic@REMOVE_THIScwcom.net
Message-ID: <38e0e33c.3755835@news.cwcom.net>
Source record: 9715
Cross-posted to: alt.ham-radio.am,alt.radio.scanner,alt.radio.scanner.flame_fest,alt.radio.scanner.uk,rec.radio.amateur.equipment, rec.radio.amateur.space

On Mon, 27 Mar 2000 21:11:29 GMT, "Whitt" <tandb80@home.com> wrote:

>Where did you get that info. I would like to have a freq. spectrum sheet
>that goes all the way up to that.

Got it from the ITU some years ago. Can't guarantee that
it is fully up-to-date.

You can get a chart from the RadioCommunications Agency.

I'm sure there must be something on-line somewhere if you
want to search for it.

--
Jim Dunnett.
dynastic at cwcom.net

He who laughs last doesn't
get the joke.

982. Re: NOVA Demo

Newsgroup: rec.radio.amateur.space
Date: 2000-03-28 00:00:00 UTC
From: Dave Heil <K8MN@cats-net.com>
Message-ID: <38E10547.63E24E77@cats-net.com>
Source record: 9716

AnonMn@netscape.net wrote:
>
> My actual lon is -96.68, but NOVA doesn't accept negative
> lon.
> Ken K5MBV

Sure it does!

Dave Heil K8MN

983. Re: 32 ghz frequency ⊡1 ghz

Newsgroup: rec.radio.amateur.space
Date: 2000-03-28 00:00:00 UTC
From: Je⊡a K <jezza@4599.net>
Message-ID: <8br4lqvta1@newsg1.svr.pol.co.uk>
Source record: 9717
Cross-posted to:
alt.radio.scanner,alt.radio.scanner.flame_fest,alt.radio.scanner.uk,rec.radio.amateur.equipment,rec.radio.amateur.space

Whitt wrote in message <58QD4.17837$x65.1184329@news1.rdc2.tx.home.com>...
>Where did you get that info. I would like to have a freq. spectrum sheet
>that goes all the way up to that.
>
>NS
>
>--
>--
>Click here for Free Video!!
>http://www.gohip.com/freevideo/
>

Shortwave magazine- July 1999 gave an excellent freq. spectrum chart wall
poster
away with the magazine-
which covers 5kHz to 50GHz .
You could try and get a back issue-
must be some still available if you get a March/April 2000 edition-
The info for back issues should be in there-

984. Re: 60 Days until I turn in my VE badge. Hey Cecil

Newsgroup: rec.radio.amateur.space
Date: 2000-03-28 00:00:00 UTC
From: Glen Quarnstrom <glenq@cyberhighway.net>
Message-ID: <csb2esc22tegobd5fsl67dlv1k47hbt81g@4ax.com>
Source record: 9718
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

POSSUM BELLY ASSHOLE <one.big.asshole@ahole.com> wrote:

>Yo Glen, show mw in part 97 where it is defined as a 'HOBBY'....
>
>Glen Quarnstrom wrote:
>>
>> POSSUM BELLY ASSHOLE <one.big.asshole@ahole.com> wrote:
>>
>> >Because it is 'not' a HOBBY.. Read my lips again: IT IS A SERVICE,
>> >NOT A HOBBY.
>>
>> It's a hobby. Get used to it.

hobby (hï¿½bï¿½ï¿½) noun

An activity or interest pursued outside one's regular occupation and
engaged in primarily for pleasure.

Part 97 specifically says that ham radio cannot be used for commercial
purposes. Hence, it falls under the above definition of a hobby.

QEfrigginD
--
glenq@cyberhighway.net
WB7DOW

http://www.cyberhighway.net/~glenq/

985. Re: Need A Good Sat TRacking Prog.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-28 00:00:00 UTC
From: "William F. Kitching" <william@g4fbz.freeserve.co.uk>
Message-ID: <8brbf5$4aq$1@newsg1.svr.pol.co.uk>
Source record: 9719

I use Logsat Professional.

Never seem to see it mentioned for some odd reason.

ITS GREAT !!!!!!!!!!!!!!!!!!

Web Site:
http://www.logsat.com/

--

73's de William

EMAIL : william@g4fbz.freeserve.co.uk
WEB SITE : http://www.g4fbz.freeserve.co.uk
PACKET : G4FBZ at GB7MAX.#28.GBR.EU

986. Re: 32 ghz frequency ⊠1 ghz

Newsgroup: rec.radio.amateur.space
Date: 2000-03-29 00:00:00 UTC
From: RNDBYRD <rndbyrd@netdoor.com>
Message-ID: <u5dE4.846$3g5.166523@tw11.nn.bcandid.com>
Source record: 9720
Cross-posted to: alt.ham-radio.am,alt.radio.scanner,alt.radio.scanner.flame_fest,alt.radio.scanner.uk,rec.radio.amateur.equipment, rec.radio.amateur.space

http://www.ntia.doc.gov/osmhome/allochrt.html

This is the US Gov allocation chart plus it gives where you can order one - hope this helps

"Draker" <pboucher@cgocable.ca> wrote in message news:myCD4.39245$jb7.783639@carnaval.risq.qc.ca...
> Hi,
> I'd like to know what kind of use is done with that kind of frequency.
> Whta kind of equipement use this frequency or frequency ⊠1 ghz. Thanks to
> help me in my research .
>
>

987. Re: 60 Days until I turn in my VE badge. Hey Cecil

Newsgroup: rec.radio.amateur.space
Date: 2000-03-29 00:00:00 UTC
From: Liberty_nits <one.big.asshole@ahole.com>
Message-ID: <38E21EBE.355026F8@ahole.com>
Source record: 9721
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

NO NO NO NO NO. It was asked where in PART 97 does it say 'hobby'.
Can't find it? Because it is not there. Hobby is 'your' definition
but not the FCC's.

Glen Quarnstrom wrote:
>
> POSSUM BELLY ASSHOLE <one.big.asshole@ahole.com> wrote:
>
> >Yo Glen, show mw in part 97 where it is defined as a 'HOBBY'....
> >
> >Glen Quarnstrom wrote:
> >>
> >> POSSUM BELLY ASSHOLE <one.big.asshole@ahole.com> wrote:
> >>
> >> >Because it is 'not' a HOBBY.. Read my lips again: IT IS A SERVICE,
> >> >NOT A HOBBY.
> >>
> >> It's a hobby. Get used to it.
>
> hobby (hï¿½bï¿½ï¿½) noun
>
> An activity or interest pursued outside one's regular occupation and
> engaged in primarily for pleasure.
>
> Part 97 specifically says that ham radio cannot be used for commercial
> purposes. Hence, it falls under the above definition of a hobby.
>
> QEfrigginD
> --
> glenq@cyberhighway.net
> WB7DOW
>
> http://www.cyberhighway.net/~glenq/

988. Re: NOVA Demo

Newsgroup: rec.radio.amateur.space
Date: 2000-03-29 00:00:00 UTC
From: AnonMn@netscape.net
Message-ID: <38e25361.449418105@news>
Source record: 9722

Not here it doersn't.

Ken K5MBV

On Tue, 28 Mar 2000 19:17:27 +0000, Dave Heil <K8MN@cats-net.com> wrote:

>AnonMn@netscape.net wrote:
>>
>> My actual lon is -96.68, but NOVA doesn't accept negative
>> lon.
>> Ken K5MBV
>
>
>Sure it does!
>
>Dave Heil K8MN

989. Re: 60 Days until I turn in my VE badge. Hey Cecil

Newsgroup: rec.radio.amateur.space
Date: 2000-03-29 00:00:00 UTC
From: Glen Quarnstrom <glenq@cyberhighway.net>
Message-ID: <h8o4esotqh17577pnlo31om81p7lc727gt@4ax.com>
Source record: 9723
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Liberty_nits <one.big.asshole@ahole.com> wrote:

>NO NO NO NO NO. It was asked where in PART 97 does it say 'hobby'.
>Can't find it? Because it is not there. Hobby is 'your' definition
>but not the FCC's.

The question was a straw man. Not every detail about ham radio is
spelled out in Part 97. Since the Part 97 makes it OBVIOUS that ham
radio is an avocation (hobby) rather than a vocation, there is no reason
to spell it out. Anyone with a funtioning brain (yes, I know this
excludes many hams) can figure this out without for himself.

--
glenq@cyberhighway.net
WB7DOW

http://www.cyberhighway.net/~glenq/

990. Re: How good is your memory about antennas?

Newsgroup: rec.radio.amateur.space
Date: 2000-03-29 00:00:00 UTC
From: "Leland C. Scott" <no-spam@junk-mail.net>
Message-ID: <8bu390$9l2@nnrp4.farm.idt.net>
Source record: 9724

"CompCnsult" <compcnsult@aol.com> wrote in message
news:20000327181303.03536.00004714@ng-cm1.aol.com...
> Several years ago QST ran an antenna construction article for a eggbeater
>type
> of antenna used for low orbiting NOAA sats. It was called a "Quad ???????
"
> type of antenna and was madew out of PVC pipe.

Are you talking about a "Quadrifilar Helix Antenna" by chance? If so then check out the URL below for a complete set of construction notes, parts, and photos.

http://www.acr.net.au/~aussat/antenna.htm

--
73's,

Leland C. Scott
KC8LDO

ARRL member
NCI member

"You ask what Morse Code is good for? I'll tell you. Morse Code is used exclusively by Electronics Based life forms to communicate amongst themselves using advanced Organic Digital Signal Processors, running state of the art Artificial Intelligence Software, to perform the highly complex transmit encryption, receive decryption and error correction functions."

991. Uni_Trac 2000

Newsgroup: rec.radio.amateur.space
Date: 2000-03-30 00:00:00 UTC
From: Ed <diale@mindspring.com>
Message-ID: <mv56eska03pb0e3eku00c00fpeedvbhbb5@4ax.com>
Source record: 9725

Is anyone on this group using the Uni_Trac 2000 antenna control system? Comments? Opinions?

-Ed

992. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-30 00:00:00 UTC
From: Wayne Woodhams <wwoodhamsNOwwSPAM@vcnet.com.invalid>
Message-ID: <0134fd77.f651e620@usw-ex0107-050.remarq.com>
Source record: 9726
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.shortwave

I can certainly understand the emotional feelings and attitudes of the many hams who have DONE IT THE HARD WAY, whether this was CW at 13/20 wpm, or driving 150 miles to the FCC Field office to take exams, or whatever. ONE SIMPLE QUESTION. When will it get through your thick heads that this IS NOT THE ISSUE? A lot of hams did it this "hard way", and no one is criticizing them for having done it. But unless something had massively changed in the hobby, it was doomed to go down the tubes. I don't see how so many can be "blind" to this reality.

What responsible governmment (or businesses) is going to sit around when spectrum is at a premium, amateur radio is not growing, and the on-air behavior of the "old and wise ones" is embarassing to all. If you haven't studied a frequency chart recently, you ought to do so, and NOTICE how "generous" the allocations are for Amateur Radio. If you think these weren't vulnerable under the existing conditions, then you are grossly out of touch with reality.

For those that are upset with all the changes and restructuring, it appears to the rest of us that you would have been content with no changes for the last few years of your life, as the hobby dwindles, and then if it all folds after your "passing", then so what. That appears to be what the underlying attitude is, and if so, it is about as far removed from the "spirit" of Amateur Radio, as you can get.

Also, if you were of the opinion that the hobby was going to grow under the previous conditions, think again. The world has changed. Interests have changed. The Internet, in a way, is the more practical "ham radio" of today. Available, free-time is scarce, and the vast majority of established hams (20+ years or more in the hobby) are so grossly out of touch with young people today, that there is nothing they could do to bridge the gap, let alone generate new interest. I think many younger hams saw the same problems/options/opportunities that the ARRL/FCC saw, and that was we had to make changes, adjust to the times, or lose it. Plain and simple.

BOTTOM LINE. It doesn't make a hill of beans difference whether anyone likes or dislikes the restructuring. It's here, it's going to stay. Many believe it was a step that will help Amateur Radio survive/move forward for the time being. Other changes will probably follow. I am certain that all older, current, and future hams will be able to still enjoy what Amateur Radio offers. And, if you think you have to do something drastic to express your discontent, go ahead. It will have NO EFFECT on ANYONE, no one will care, no one will listen to you, and if you decide to depart from Amateur Radio (one way or the other),

probably no one will miss you. Why? Because you spend your whole time looking backward. LIFE, and Amateur Radio, are about LOOKING FORWARD.
73, Wayne, N6WIX

* Sent from RemarQ http://www.remarq.com The Internet's Discussion Network *
The fastest and easiest way to search and participate in Usenet - Free!

993. Re: 60 Days until I turn in my VE badge. Hey Cecil

Newsgroup: rec.radio.amateur.space
Date: 2000-03-30 00:00:00 UTC
From: Liberty_nits <one.big.asshole@ahole.com>
Message-ID: <38E371AE.64C5B0CF@ahole.com>
Source record: 9727
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

It is OBVIOUS, trained operators? Hobby? Try again. It is only a
hobby in your mind.....

Glen Quarnstrom wrote:
>
> Liberty_nits <one.big.asshole@ahole.com> wrote:
>
> >NO NO NO NO NO. It was asked where in PART 97 does it say 'hobby'.
> >Can't find it? Because it is not there. Hobby is 'your' definition
> >but not the FCC's.
>
> The question was a straw man. Not every detail about ham radio is
> spelled out in Part 97. Since the Part 97 makes it OBVIOUS that ham
> radio is an avocation (hobby) rather than a vocation, there is no reason
> to spell it out. Anyone with a funtioning brain (yes, I know this
> excludes many hams) can figure this out without for himself.
>
> --
> glenq@cyberhighway.net
> WB7DOW
>
> http://www.cyberhighway.net/~glenq/

994. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-30 00:00:00 UTC
From: Liberty_nits <one.big.asshole@ahole.com>
Message-ID: <38E37562.89C31BF3@ahole.com>
Source record: 9728
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.shortwave

Same bull shit, just another day...

Wayne Woodhams wrote:
>
> I can certainly understand the emotional feelings and attitudes of the
> many hams who have DONE IT THE HARD WAY, whether this was CW at 13/20
> wpm, or driving 150 miles to the FCC Field office to take exams, or
> whatever. ONE SIMPLE QUESTION. When will it get through your thick
> heads that this IS NOT THE ISSUE? A lot of hams did it this "hard
> way", and no one is criticizing them for having done it. But unless
> something had massively changed in the hobby, it was doomed to go down
> the tubes. I don't see how so many can be "blind" to this reality.
>
> What responsible governmment (or businesses) is going to sit around
> when spectrum is at a premium, amateur radio is not growing, and the
> on-air behavior of the "old and wise ones" is embarassing to all. If
> you haven't studied a frequency chart recently, you ought to do so, and
> NOTICE how "generous" the allocations are for Amateur Radio. If you
> think these weren't vulnerable under the existing conditions, then you
> are grossly out of touch with reality.
>
> For those that are upset with all the changes and restructuring, it
> appears to the rest of us that you would have been content with no
> changes for the last few years of your life, as the hobby dwindles, and
> then if it all folds after your "passing", then so what. That appears
> to be what the underlying attitude is, and if so, it is about as far
> removed from the "spirit" of Amateur Radio, as you can get.
>
> Also, if you were of the opinion that the hobby was going to grow under
> the previous conditions, think again. The world has changed.
> Interests have changed. The Internet, in a way, is the more practical
> "ham radio" of today. Available, free-time is scarce, and the vast
> majority of established hams (20+ years or more in the hobby) are so
> grossly out of touch with young people today, that there is nothing
> they could do to bridge the gap, let alone generate new interest. I
> think many younger hams saw the same problems/options/opportunities
> that the ARRL/FCC saw, and that was we had to make changes, adjust to
> the times, or lose it. Plain and simple.
>
> BOTTOM LINE. It doesn't make a hill of beans difference whether anyone
> likes or dislikes the restructuring. It's here, it's going to stay.
> Many believe it was a step that will help Amateur Radio survive/move
> forward for the time being. Other changes will probably follow. I am

> certain that all older, current, and future hams will be able to still
> enjoy what Amateur Radio offers. And, if you think you have to do
> something drastic to express your discontent, go ahead. It will have
> NO EFFECT on ANYONE, no one will care, no one will listen to you, and
> if you decide to depart from Amateur Radio (one way or the other),
> probably no one will miss you. Why? Because you spend your whole time
> looking backward. LIFE, and Amateur Radio, are about LOOKING FORWARD.
> 73, Wayne, N6WIX
>
> * Sent from RemarQ http://www.remarq.com The Internet's Discussion Network *
> The fastest and easiest way to search and participate in Usenet - Free!

995. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-30 00:00:00 UTC
From: Bill <k9kz@indy.net>
Message-ID: <se6movifni7157@corp.supernews.com>
Source record: 9729
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.shortwave

Wayne Woodhams <wwoodhamsNOwwSPAM@vcnet.com.invalid> wrote in message
news:0134fd77.f651e620@usw-ex0107-050.remarq.com...
> I can certainly understand the emotional feelings and attitudes of the
> many hams who have DONE IT THE HARD WAY, whether this was CW at 13/20
> wpm, or driving 150 miles to the FCC Field office to take exams, or
> whatever. ONE SIMPLE QUESTION. When will it get through your thick
> heads that this IS NOT THE ISSUE? A lot of hams did it this "hard
> way", and no one is criticizing them for having done it. But unless
> something had massively changed in the hobby, it was doomed to go down
> the tubes. I don't see how so many can be "blind" to this reality.

Well said!

Bill K9KZ

>
> What responsible governmment (or businesses) is going to sit around
> when spectrum is at a premium, amateur radio is not growing, and the
> on-air behavior of the "old and wise ones" is embarassing to all. If
> you haven't studied a frequency chart recently, you ought to do so, and
> NOTICE how "generous" the allocations are for Amateur Radio. If you
> think these weren't vulnerable under the existing conditions, then you
> are grossly out of touch with reality.
>
> For those that are upset with all the changes and restructuring, it
> appears to the rest of us that you would have been content with no
> changes for the last few years of your life, as the hobby dwindles, and
> then if it all folds after your "passing", then so what. That appears
> to be what the underlying attitude is, and if so, it is about as far
> removed from the "spirit" of Amateur Radio, as you can get.
>
> Also, if you were of the opinion that the hobby was going to grow under
> the previous conditions, think again. The world has changed.
> Interests have changed. The Internet, in a way, is the more practical
> "ham radio" of today. Available, free-time is scarce, and the vast
> majority of established hams (20+ years or more in the hobby) are so
> grossly out of touch with young people today, that there is nothing
> they could do to bridge the gap, let alone generate new interest. I
> think many younger hams saw the same problems/options/opportunities
> that the ARRL/FCC saw, and that was we had to make changes, adjust to
> the times, or lose it. Plain and simple.
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> BOTTOM LINE. It doesn't make a hill of beans difference whether anyone
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> Many believe it was a step that will help Amateur Radio survive/move
> forward for the time being. Other changes will probably follow. I am
> certain that all older, current, and future hams will be able to still
> enjoy what Amateur Radio offers. And, if you think you have to do
> something drastic to express your discontent, go ahead. It will have
> NO EFFECT on ANYONE, no one will care, no one will listen to you, and
> if you decide to depart from Amateur Radio (one way or the other),
> probably no one will miss you. Why? Because you spend your whole time
> looking backward. LIFE, and Amateur Radio, are about LOOKING FORWARD.
> 73, Wayne, N6WIX
>
>
> * Sent from RemarQ http://www.remarq.com The Internet's Discussion Network
*
> The fastest and easiest way to search and participate in Usenet - Free!
>

996. NOVA

Newsgroup: rec.radio.amateur.space
Date: 2000-03-30 00:00:00 UTC
From: AnonMn@netscape.net
Message-ID: <38e379a8.524765291@news>
Source record: 9730

Anyone know why the NOVA demo won't accept observer settings ? It is supposed to and seems to work for some people with no problem. It always reverts to another location when showing the map. When I go back to the setup, it has changed from my settings. I have uninstalled it for now. Maybe reinstalling it will help.
Ken K5MBV

997. Re: NOVA

Newsgroup: rec.radio.amateur.space
Date: 2000-03-30 00:00:00 UTC
From: David Edwards <ham@cybercomm.net>
Message-ID: <8c05msucf1@ostrich.cybercomm.net>
Source record: 9731

I ordered the real version this morning.
I downloaded a few programs first, but they all had limitations.
...Dave
<AnonMn@netscape.net> wrote in message news:38e379a8.524765291@news...
> Anyone know why the NOVA demo won't accept observer settings ? It is
> supposed to and seems to work for some people with no problem. It always
> reverts to another location when showing the map. When I go back to the
> setup, it has changed from my settings. I have uninstalled it for now.
Maybe
> reinstalling it will help.
> Ken K5MBV

998. Station Forsale

Newsgroup: rec.radio.amateur.space
Date: 2000-03-30 00:00:00 UTC
From: Carl Walthall <Carl_Walthall@email.mot.com>
Message-ID: <8c050b$f7l$1@schbbs.mot.com>
Source record: 9732

I have the following Ham Radio equipment for sale.

1: FT-847 All Mode Transceiver HF & SATELLITE
$1250.00

2: ATAS-100 YAESU MOBILE ANTENNA and ground plane kit.
$250.00

3: FC-20 ANTENNA TUNER AUTO
$200.00

4: CfX-514 tri-plexer for radio
$60.00

5: Ameritron AL-811 160 thru 15 meter HF amp.
$500.00

6: Radioshack watt meter 1500 watts.
$30.00

All equipment less that 6 month old, I live in a apartment
and decided not to move. Buyer pays shipping

Carl Walthall

Home 262-736-2623
Work 815-884-3629

Home Email cwalthall@cwalthall.com

Thanks

999. EZ new user questions (help)

Newsgroup: rec.radio.amateur.space
Date: 2000-03-30 00:00:00 UTC
From: David Edwards <ham@cybercomm.net>
Message-ID: <8c063buig1@ostrich.cybercomm.net>
Source record: 9733

Hi folks!
Over 5 years ago, I used to use Oscar 13, and the RS satellites.
I used a beam without elevation, and worked 13 when it was low to the
horizon.
I want to get back in to it.
I understand 13 has fizzled, and Oscar 10 is not feeling too well.
I am going to get an AZ-EL rotor, but was wondering if
cross polarized antennas are worth purchasing?
Will they be helpful at all with P3D?
If I get a Kansas City Tracker,
should I get the tuner as well?
I have Icom 275H, 475H, and 575H. I would have to get the computer interface
for the rigs, but already have the satellite interface which slaves one of
them to the others' tuning. Can the tracker and tuner keep up with the
faster speed of an RS bird whizzing by?
I used to use InstantTrack on my 386, but have ordered Nova for us on the
new 'puter.
Thanks all, I could sure use a satellite elmer to help me re-familiarize
myself with the current goings ons of satellites.
Regards....Dave

1000. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-30 00:00:00 UTC
From: jeffreyh@Hawaii.Edu
Message-ID: <8c0iqn$p5e$1@news.hawaii.edu>
Source record: 9734
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.shortwave

Wayne Woodhams <wwoodhamsNOwwSPAM@vcnet.com.invalid> wrote:
> But unless
>something had massively changed in the hobby, it was doomed to go down
>the tubes.

Your prediction is older than you are: In "...1922 many radio
magazines which had catered to the transmitting amateur swung away
from him, one even so far as to run an editorial ... prophesying the
end of amateur radio." (From Fifty Years of ARRL.)

73, Jeff KH6O

1001. Re: Iridium shutdown

Newsgroup: rec.radio.amateur.space
Date: 2000-03-31 00:00:00 UTC
From: E&S <ve3rue@air.on.ca>
Message-ID: <38E43A12.8192E2A1@air.on.ca>
Source record: 9735
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.space

Dr. Suom wrote:

> OK, now with all that beeing said about debit and taxes, did anyone
> TRIED to talk to them ?!? The idea of burning the whole stuff is
> redicolous, and I wish many HAM guys would talk to them to see first IF
> IF there can be anything done to donate it to the HAM community. TAX
> laws and stuff are there, but they can be changed and there are
> exeptions to them. I'm no specialist in any HAM stuff, in fact I do not
> know anything about it, nor I do know about tac laws, but I think it's
> up to you guys to at least TRY.
>
> Imagine you guys 'own' a SAT network which is operated by individuals
> like you. Imagine the popularity Motorola gains in case this would work
> out. I guess they are open to new ideas if you talk to the chairmen.
> Imagine, you guys saved 1000's of life somewhere in the world during an
> earth-quake by making communication possible.
>
> I might be just dreaming, but why not try.
>
> Excuse my bad english, greetings from Germany!
>
> --
> Dr. Suom
>
> Sent via Deja.com http://www.deja.com/
> Before you buy.

Yup.....dream on...But you better check out the reports from the
sources...Things burning up in our atmosphere is NOT exactly an
infrequent event ..tsk...Actually it would provide many good VHF
scatter openings like suggested in some previous posts.
Cheers
Eric/VE3RUE

1002. Re: Iridium shutdown

Newsgroup: rec.radio.amateur.space
Date: 2000-03-31 00:00:00 UTC
From: E&S <ve3rue@air.on.ca>
Message-ID: <38E43B7F.C00C936E@air.on.ca>
Source record: 9736
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.space

Peter:

An exceptionally excellent point to add to this discussion. At least digital transmission
modes can have their signatures recorded in some kind of ever expanding archive

of manmade UHF + signal /RFI sources...

Eric/VE3RUE.

Peter Bealo wrote:

> Another issue is their interference to radio astronomy. This had been an
> item of ongoing negotiations just settled last year with the astronomy camp
> having to accept large amounts of out-of-band interference for some portion
> of the day and Irridium sats to operate in some mode that reduced
> interference for the remainder.
>
> Its one thing perhaps having some telecom giants threatening to litegate
> radio astronomy out of existance and its quite another thing having us do
> it...all just to envigorate our hobby.
>
> Peter
> WB2MJG and amateur astronomer (but not radio!)
>
> Dr. David R. Fordham <fake@id.com> wrote in message
> news:38d7ebf8$1_4@pigeon.jmu.edu...
> > The problem with this idea is that these satellites aren't at all like ham
> > satellites. Ham satellites are tossed into space and just coast around
> > at will. These satellites are incredibly high-maintenance. They have
> > to be oriented just right, they have to be kept spaced the right
> > distance apart, they have to synch with each other and the ground
> > stations... these aren't omnidirectional repeaters or transponders.
> > I seriously doubt ANYONE in the ham community (or even let
> > me go so far as to say EVERYONE in the ham community
> > together) could amass the resources, time, and effort required
> > to keep that constellation properly aligned, oriented, positioned,
> > and synchronized to be of use. We aren't talking about simple
> > machines with simple programming protocols. Sure, there are
> > lots of folks who could "do it for one satellite", but with such a
> > coordinated, interlinked constellation, would they have the time
> > to do it for the whole fleet? And the way they were designed,
> > e.g., to work as a fleet, would pretty much make any single
> > satellite (or even a small subgroup of the birds) pretty useless
> > for what they were designed for.

> >
> > Would Motorola donate one or two of them for purely
> > experimental (e.g., not "real communications") purposes? This
> > indeed might be a workable proposal and might be worth
> > pursuing. But don't be fooled into thinking that we could
> > obtain the donation of a fleet of Phase 3D birds, because the
> > Iridiums are as different from traditional hamsats as the
> > internet's fiber-optic-based digital packet switching network
> > is from a 2meter mountaintop repeater.
> >
> > $0.02.
> >
> > David, KD9LA
> >
> >
> >
> > Dr. Suom <suom_y_nona@my-deja.com> wrote in message
> > news:8b5v82qta1@nnrp1.deja.com...
> > > OK, now with all that beeing said about debit and taxes, did anyone
> > > TRIED to talk to them ?!? The idea of burning the whole stuff is
> > > redicolous, and I wish many HAM guys would talk to them to see first IF
> > > IF there can be anything done to donate it to the HAM community. TAX
> > > laws and stuff are there, but they can be changed and there are
> > > exeptions to them. I'm no specialist in any HAM stuff, in fact I do not
> > > know anything about it, nor I do know about tac laws, but I think it's
> > > up to you guys to at least TRY.
> > >
> > > Imagine you guys 'own' a SAT network which is operated by individuals
> > > like you. Imagine the popularity Motorola gains in case this would work
> > > out. I guess they are open to new ideas if you talk to the chairmen.
> > > Imagine, you guys saved 1000's of life somewhere in the world during an
> > > earth-quake by making communication possible.
> > >
> > > I might be just dreaming, but why not try.
> > >
> > > Excuse my bad english, greetings from Germany!
> > >
> > > --
> > > Dr. Suom
> > >
> > >
> > > Sent via Deja.com http://www.deja.com/
> > > Before you buy.
> >
> >

1003. Re: EZ new user questions (help)

Newsgroup: rec.radio.amateur.space
Date: 2000-03-31 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8e8tr1.17r.nomail@linux.pe1chl.ampr.org>
Source record: 9737

David Edwards <ham@cybercomm.net> wrote:
>Hi folks!
>Over 5 years ago, I used to use Oscar 13, and the RS satellites.
>I used a beam without elevation, and worked 13 when it was low to the
>horizon.
>I want to get back in to it.
>I understand 13 has fizzled, and Oscar 10 is not feeling too well.
>I am going to get an AZ-EL rotor, but was wondering if
>cross polarized antennas are worth purchasing?
>Will they be helpful at all with P3D?

To know that, you will have to wait for the launch.
Usually (for 10 and 13) the claim from the builders is that the sat
has circular polarisation itself, so you could use linear antennas and
live with a 3dB signal loss.
However, in practice the polarisation turns out to be not really circular
(especially with Oscar 10, which had a collision with the launch vehicle),
and using circular polarisation on the ground will reduce the fading
due to the spin of the satellite.

To know how it will be with P3D, which has circular antennas as well but
also has a lot stronger signals (so a small loss and a bit of fading
isn't that critical), experience will be needed.

>If I get a Kansas City Tracker,
>should I get the tuner as well?

Not really required for P3D. But it can be handy for low orbiting sats,
especially when using packet radio.

>I have Icom 275H, 475H, and 575H. I would have to get the computer interface
>for the rigs, but already have the satellite interface which slaves one of
>them to the others' tuning. Can the tracker and tuner keep up with the
>faster speed of an RS bird whizzing by?

The ICOM line has a clever interface bus (CI-V) which allows all three
transceivers to be controlled using a single serial port and a level
converter (MAX232). That is what is in the computer interface. You can
make it yourself for a couple of dollars.
Same goes for the tracker: a $10 circuit can be built that is a technically
more sound solution to tracking than the KCT (which has a serious design
mistake that can kill your rotators when they don't have end-switches).

The control of the transceivers and the tracking can be done by the main PC
using only a single COM port: RX/TX data used for the tuning, RTS and DTR
used to control an AMSAT-DL tracking interface using bit-banging. I don't

know if Nova supports that, you will have to check the specs.

Auto-tuning is really useful when you work single-channel sats, like the pacsats and the FM repeaters. The frequency can be unambiguously calculated and is OK when it is within a couple of KHz. On a voice transponder using SSB it is less useful, as you have to decide which frequency you want to be constant (rx/tx/position in transponder), and have to rely on the other end agreeing with that assumption. Furthermore, you want to be correct within about 100 Hz. Sure it can be done, but most hams will have their fingers on the dial anyway.

Tracking a low orbit satellite is usually no real problem, except on overhead passes. The rate at which the satellite passes can be near to or greater than the rotator rate, especially when the azimuth rotator goes through its end stop and has to rotate all the way round to pick it up again (this can be avoided when your elevation rotator can turn the full 180 degrees, usually no problem for the rotator but your cabling has to be laid out carefully to deal with it).
Also, you will need a source of correct time when you want to track accurately at those moments, as a few seconds of error on the clock will mean a large offpointing of the antennas.
But, the time spent in this critical area (say, above 60 degrees elevation) is so short that it won't really hurt when you haven't got this perfectly sorted out.

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

1004. Re: NOVA

Newsgroup: rec.radio.amateur.space
Date: 2000-03-31 00:00:00 UTC
From: Dave Heil <K8MN@cats-net.com>
Message-ID: <38E50391.3BD49567@cats-net.com>
Source record: 9738

AnonMn@netscape.net wrote:
>
> Anyone know why the NOVA demo won't accept observer settings ? It is
> supposed to and seems to work for some people with no problem. It always
> reverts to another location when showing the map. When I go back to the
> setup, it has changed from my settings. I have uninstalled it for now. Maybe
> reinstalling it will help.
> Ken K5MBV

It does accept them. It is a drag and drop operation. Use the help
screens.

Dave K8MN

1005. Re: Telemetry Cookbook for Model Rockets?

Newsgroup: rec.radio.amateur.space
Date: 2000-03-31 00:00:00 UTC
From: Craig Patterson <craiglp@swbell.net>
Message-ID: <38E4BCBE.C2EEEFA3@swbell.net>
Source record: 9739

I don't know of any single source. But, you may want to try the
following places for advice:

news:rec.model.rockets
http://www.rocketryonline.com

RocketryOnline has a discussion area (with an electonics section) and
loads of information and links to vendors and other rocketry sites. I
know there is at least one vendor that is selling a telemetry system, so
the knowledge is out there...

Good luck

Matt wrote:

> Dear group
>
> I was hoping someone might have heard of a source book for telemetry
> projects, from a basic to an advanced level, for model rocketry.
>
> I'm looking for antenna designs, transceiver designs, frequency
> considerations, modulation systems, data multiplexing schemes, error
> correction, etc. This is in order to establish several analog &
> digital data channels over a reliable radio link.
>
> All suggestions greatly appreciated.
>
> Regards
>
> Matt

1006. Re: 6 New High frequency CB radio Bands Authorized.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-31 00:00:00 UTC
From: Stalking Ghost <pmetcalf@nbase-xyplex.com>
Message-ID: <8c2n7f$48q$1@nnrp1.deja.com>
Source record: 9740
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner

I think you're right on the mark, John!
Those that already have the EXPENSIVE equipment are already
pirating on these bands. The other's aren't so willing to
shell out the bucks in the name of pirating fun.
Not a whole lot is going to change, IMHO!
In article <7EWz4.460$vb.3658@newsfeed.slurp.net>,
"John" <hydro@fx2.com> wrote:
> Hey , Thats pretty funny, But you know what the real funny thing is ??
> Nothing is going to happen after april 15.... You could put ham radio
> license on the back of morning Cereal boxes .... Just sign here, your
an
> extra ham and you would have NO takers. About the only thing thats
going to
> happen on april 15 is the already licensed hams are going to
capitalize on
> an easy upgrade...................
>
> John ....
>
>

Sent via Deja.com http://www.deja.com/
Before you buy.

1007. Re: 6 New High frequency CB radio Bands Authorized.

Newsgroup: rec.radio.amateur.space
Date: 2000-03-31 00:00:00 UTC
From: Stalking Ghost <pmetcalf@nbase-xyplex.com>
Message-ID: <8c2n7v$491$1@nnrp1.deja.com>
Source record: 9741
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner

I think you're right on the mark, John!
Those that already have the EXPENSIVE equipment are already
pirating on these bands. The other's aren't so willing to
shell out the bucks in the name of pirating fun.
Not a whole lot is going to change, IMHO!
In article <7EWz4.460$vb.3658@newsfeed.slurp.net>,
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> Hey , Thats pretty funny, But you know what the real funny thing is ??
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> extra ham and you would have NO takers. About the only thing thats
going to
> happen on april 15 is the already licensed hams are going to
capitalize on
> an easy upgrade...................
>
> John ....
>
>

Sent via Deja.com http://www.deja.com/
Before you buy.

1008. Re: Satellite Antennas for Sale

Newsgroup: rec.radio.amateur.space
Date: 2000-03-31 00:00:00 UTC
From: jim madden <jmadden@pop.nwnexus.com>
Message-ID: <8c441o$5tr$1@brokaw.wa.com>
Source record: 9742

Hello Scott. I may be interested. Can you give me some details?
Jim
kd7gnd
Scott <ac3a@nospam.com> wrote in message
news:JXfF4.41$521.959056@news2.news.adelphia.net...
> Selling the KLM 22 el 2m and 40 el 70 cm antennas.
>
> Email me if interested
>
> Replace "nospam" with "bigfoot" in email
>
>

1009. Re: NOVA

Newsgroup: rec.radio.amateur.space
Date: 2000-04-01 00:00:00 UTC
From: AnonMn@netscape.net
Message-ID: <38e545cc.6039421@news>
Source record: 9743

>It does accept them. It is a drag and drop operation. Use the help
>screens.
>
>Dave K8MN

I know it's a drag and drop operation. That seems to work fine, but the program forgets the entrys when I try to use it. Help doesn't address the issue at all.

Ken K5MBV

1010. Its April 1

Newsgroup: rec.radio.amateur.space
Date: 2000-04-01 00:00:00 UTC
From: ronber@one.net.au
Message-ID: <38f3662a.7917222@news.one.net.au>
Source record: 9744

Last chance to get your comfort microphone
Just for fun on April 1
http://members.xoom.com/micsound
Make sure you email the inventor of this
astonishing device.
Link at the bootom of the page

1011. Satellite Antennas for Sale

Newsgroup: rec.radio.amateur.space
Date: 2000-04-01 00:00:00 UTC
From: Scott <ac3a@nospam.com>
Message-ID: <JXfF4.41$521.959056@news2.news.adelphia.net>
Source record: 9745

Selling the KLM 22 el 2m and 40 el 70 cm antennas.

Email me if interested

Replace "nospam" with "bigfoot" in email

1012. Re: 60 Days until I turn in my VE badge. Hey Cecil

Newsgroup: rec.radio.amateur.space
Date: 2000-04-01 00:00:00 UTC
From: lak <lak@radio.land.com>
Message-ID: <usfPSb9m$GA.227@cpmsnbbsa03>
Source record: 9746
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Who cares if it is a hobby or a service? I do not participate in any service aspect and have had my license revoked in 30 years. I guess the FCC must see it as a hobby. Besides other services have been eating away at Ham radio spectrum for years to provide their services for a fee to the public.

Let's face reality of the two basic truths about mankinds endevors:

1. MONEY TALK AND BS WALKS

2. "THE GOLDEN RULE" - He who has the gold makes the rules

So who cares about all the inane arguements any way as the FCC and people with bucks will do what they want without everyone elses consent!

Liberty_nits <one.big.asshole@ahole.com> wrote in message
news:38E21EBE.355026F8@ahole.com...
> NO NO NO NO NO. It was asked where in PART 97 does it say 'hobby'.
> Can't find it? Because it is not there. Hobby is 'your' definition
> but not the FCC's.
>
>
> Glen Quarnstrom wrote:
> >
> > POSSUM BELLY ASSHOLE <one.big.asshole@ahole.com> wrote:
> >
> > >Yo Glen, show mw in part 97 where it is defined as a 'HOBBY'....
> > >
> > >Glen Quarnstrom wrote:
> > >>
> > >> POSSUM BELLY ASSHOLE <one.big.asshole@ahole.com> wrote:
> > >>
> > >> >Because it is 'not' a HOBBY.. Read my lips again: IT IS A SERVICE,
> > >> >NOT A HOBBY.
> > >>
> > >> It's a hobby. Get used to it.
> >
> > hobby (h�b��) noun
> >
> > An activity or interest pursued outside one's regular occupation and
> > engaged in primarily for pleasure.
> >
> > Part 97 specifically says that ham radio cannot be used for commercial
> > purposes. Hence, it falls under the above definition of a hobby.
> >

> > QEfrigginD
> > --
> > glenq@cyberhighway.net
> > WB7DOW
> >
> > http://www.cyberhighway.net/~glenq/

1013. Re: Telemetry Cookbook for Model Rockets?

Newsgroup: rec.radio.amateur.space
Date: 2000-04-01 00:00:00 UTC
From: Tom Kindel <tkindel@austin.rr.com>
Message-ID: <ptpF4.4087$vT1.168476@typhoon.austin.rr.com>
Source record: 9747

Matt,

Being a long time ham and rocketeer I will agree with Craigs URL recommendations. There are lots of places that have electronics packages for model rockets...Altimeters, with parachute deployment outputs all the way up to full recording flight computers. Beacon transmitters can also be found.

For your project you would do well to look into interfacing some of those into a packet telemetry system. Your'e also looking at larger rockets...most of the products available are geared towards "High Power" rocketry (H motors and bigger). Systems with the kinds of capability you mention will require a fairly good lift capability.

If your'e not already familiar with the rocketry end of things see if there's a club nearby, NAR or Tripoli.
--
Tom Kindel NW5B
NAR 40705 L1 TRA 6382 L1
Austin, TX.
"Modesty is for those who have no Talent"
Craig Patterson <craiglp@swbell.net> wrote in message
> I don't know of any single source. But, you may want to try the
> following places for advice:
>
> news:rec.model.rockets
> http://www.rocketryonline.com
>
> RocketryOnline has a discussion area (with an electonics section) and
> loads of information and links to vendors and other rocketry sites. I
> know there is at least one vendor that is selling a telemetry system, so
> the knowledge is out there...

> Matt wrote:
>
> > Dear group
> >
> > I was hoping someone might have heard of a source book for telemetry
> > projects, from a basic to an advanced level, for model rocketry.

1014. HAM RADIO RESOURCES RELAY SITE

Newsgroup: rec.radio.amateur.space
Date: 2000-04-01 00:00:00 UTC
From: F6KEH <f6keh@qsl.net>
Message-ID: <8c63f5$ig2$6@wanadoo.fr>
Source record: 9748

Ham radio site :
F6KEH RESOURCES RELAY has been updated !

Visit it at : http://www.f6keh.free.fr/index_r

1015. Ham radio links site

Newsgroup: rec.radio.amateur.space
Date: 2000-04-02 00:00:00 UTC
From: F6KEH <f6keh@qsl.net>
Message-ID: <8c64da$j4o$9@wanadoo.fr>
Source record: 9649

```
Ham radio site :
F6KEH RESOURCES RELAY has been updated !

Visit it at : http://f6keh.free.fr/index_r
```

1016. Re: NOVA Demo

Newsgroup: rec.radio.amateur.space
Date: 2000-04-02 00:00:00 UTC
From: Dave Heil <K8MN@cats-net.com>
Message-ID: <38E6EEF8.73EE85E7@cats-net.com>
Source record: 9650

AnonMn@netscape.net wrote:
>
> Not here it doersn't.
>
> Ken K5MBV
>
> On Tue, 28 Mar 2000 19:17:27 +0000, Dave Heil <K8MN@cats-net.com> wrote:
>
> >AnonMn@netscape.net wrote:
> >>
> >> My actual lon is -96.68, but NOVA doesn't accept negative
> >> lon.
> >> Ken K5MBV
> > >
> > >
> > >Sure it does!
> > >
> > >Dave Heil K8MN

Must be some of that geographically sensistive software. Use the help screens.

Dave K8MN

1017. Re: NOVA

Newsgroup: rec.radio.amateur.space
Date: 2000-04-02 00:00:00 UTC
From: David Edwards <ham@cybercomm.net>
Message-ID: <8c7nn0$28v$1@ostrich.cybercomm.net>
Source record: 9651

After you drag and drop, there is a button to choose to replace the default settings with what you just chose. If any problems, let me know and I will check the exact button name.
...Dave
<AnonMn@netscape.net> wrote in message news:38e545cc.6039421@news...
> >It does accept them. It is a drag and drop operation. Use the help
> >screens.
> >
> >Dave K8MN
>
> I know it's a drag and drop operation. That seems to work fine, but
> the program forgets the entrys when I try to use it. Help doesn't
> address the issue at all.
>
> Ken K5MBV
>
>

1018. FS: DSP-12, Satellite multimode communications controller

Newsgroup: rec.radio.amateur.space
Date: 2000-04-02 00:00:00 UTC
From: ac4vm@my-deja.com
Message-ID: <8c8j7k$7hh$1@nnrp1.deja.com>
Source record: 9652

I have for sale a DSP-12 Multimode communications controller from L.L. Grace Communications Products, Inc.

This unit is used mostly on the amateur satellites such as UO-22, KO-23, KO-25 TO-31, AO-16,etc.

Many modems are available in this unit, VHF packet, HF packet,PSK and FSK for high speed packet and satellite work, RTTY Baudot, RTTY ASCII, ACARS, and other test modes.

Three analog radio connectors. RX & TX can be split in any combination. It can do multi-tasking operations and has built in packet mailbox.

This unit has the one megabyte RAM expansion, Date/Time clock backup and the 8-channel telemetry/experimentation options.

Comes with DSP-12 users guide, computer and power cord.

Price $315 shipped COD USA.

You may email or call me at 606-273-1611

73's de AC4VM

Sent via Deja.com http://www.deja.com/
Before you buy.

1019. Re: 6 New High frequency CB radio Bands Authorized.

Newsgroup: rec.radio.amateur.space
Date: 2000-04-02 00:00:00 UTC
From: Linda <lpowell@greycloud.cc>
Message-ID: <NvPnOL2ld2jMqaBr5Ef2FowCcL8z@4ax.com>
Source record: 9653
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner

On Fri, 31 Mar 2000 17:28:41 GMT, Stalking Ghost
<pmetcalf@nbase-xyplex.com> wrote:

How do you determine this to be an easy upgrade? Are you able to pass
even the simplest (Novice) test given before April 15? I won't ask
about any of the new tests after April 15.

>I think you're right on the mark, John!
>Those that already have the EXPENSIVE equipment are already
>pirating on these bands. The other's aren't so willing to
>shell out the bucks in the name of pirating fun.
>Not a whole lot is going to change, IMHO!
>In article <7EWz4.460$vb.3658@newsfeed.slurp.net>,
>"John" <hydro@fx2.com> wrote:
>> Hey , Thats pretty funny, But you know what the real funny thing is ??
>> Nothing is going to happen after april 15.... You could put ham radio
>> license on the back of morning Cereal boxes .... Just sign here, your
>an
>> extra ham and you would have NO takers. About the only thing thats
>going to
>> happen on april 15 is the already licensed hams are going to
>capitalize on
>> an easy upgrade.....................
>>
>> John ....
>>
>>
>
>
>Sent via Deja.com http://www.deja.com/
>Before you buy.

1020. Re: N1IR AND FRACTAL QUAD YAGI--THIS WEEKEND!

Newsgroup: rec.radio.amateur.space
Date: 2000-04-03 00:00:00 UTC
From: mrr@spherica.demon.co.uk
Message-ID: <38e8b8c4.648554@news.demon.co.uk>
Source record: 9654

>Background info can be found on the ham page on
>http://www.fractenna.com

Incredible!

1021. BUILD YOUR OWN C`A.B,L,E B,O`X...FREE C`A.B,L.E`.. 1799

Newsgroup: rec.radio.amateur.space
Date: 2000-04-03 00:00:00 UTC
From: fgfmtp@dfdsdfg.com
Message-ID: <mk9G4.30393$QJ3.3867925@dfiatx1-snr1.gtei.net>
Source record: 9655
Cross-posted to: gay-net.guide.weltweit,rec.radio.amateur.space
Body handling: 1 long encoded or obfuscated payload line was not displayed

LEGAL C`A`B`L`E TV D`E-S`C`R`A`M`B`L`E`R

Want to watch Sporting Events?--Movies?--Pay-Per-View??....FREE!!!!

*This is the Famous R-O Shack TV D-e-s-c-r-a-m-b-l-e-r
You can assemble it from Radio Shack parts for about $12 to $15.

We Send You:
1, E-Z To follow Assembly Instructions.
2. E-Z To read Original Drawings.
3. Total Parts List.

**** PLUS SOMETHING NEW YOU MUST HAVE! ****
Something you can't do without.

THE UP-TO-DATE 6 PAGE REPORT:
USING A D-E-S-C-R-A-M-B-L-E-R LEGALLY

Warning: You should not build a TV D-e-s-c-r-a-m-b-l-e-r
without reading this report first.

You get the complete 6 page report
and instruction package including
the instruction plans, the easy to
follow diagram, and most important
of all the "Using a D`e`s`c`r`a`m`b`l`e`r
LEGALLY Report all for just--$10.00

Fill out form below and send it,
along with your $10.00 payment to:

CABLEFREE-TV
12187 S. Orange Blossom Trail #116
Orlando Fl 32837

(Cash, Check or Money Order.)
(Florida residents include 7% Florida State Sales Tax)
(All orders outside the U.S.A. add $5.00)

PRINT YOUR:

NAME_____

ADDRESS_____

CITY/STATE/ZIP_____

E-MAIl ADDRESS_____

We are NOT ASSOCIATED in any way with RADIO SHACK.

[Long encoded or obfuscated payload not displayed]

1022. BUILD YOUR OWN C`A.B,L,E B,O`X...FREE C`A.B,L.E`.... 6930

Newsgroup: rec.radio.amateur.space
Date: 2000-04-04 00:00:00 UTC
From: rizppg@dfdsdfg.com
Message-ID: <LcbG4.43219$QJ3.3904893@dfiatx1-snr1.gtei.net>
Source record: 9656
Cross-posted to: gay-net.guide.weltweit,rec.radio.amateur.space,alt.conspiracy.netcom
Body handling: 1 long encoded or obfuscated payload line was not displayed

LEGAL C`A`B`L`E TV D`E-S`C`R`A`M`B`L`E`R

Want to watch Sporting Events?--Movies?--Pay-Per-View??....FREE!!!!

*This is the Famous R-O Shack TV D-e-s-c-r-a-m-b-l-e-r
You can assemble it from Radio Shack parts for about $12 to $15.

We Send You:
1, E-Z To follow Assembly Instructions.
2. E-Z To read Original Drawings.
3. Total Parts List.

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Warning: You should not build a TV D-e-s-c-r-a-m-b-l-e-r
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You get the complete 6 page report
and instruction package including
the instruction plans, the easy to
follow diagram, and most important
of all the "Using a D`e`s`c`r`a`m`b`l`e`r
LEGALLY Report all for just--$10.00

Fill out form below and send it,
along with your $10.00 payment to:

CABLEFREE-TV
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Orlando Fl 32837

(Cash, Check or Money Order.)
(Florida residents include 7% Florida State Sales Tax)
(All orders outside the U.S.A. add $5.00)

PRINT YOUR:

NAME_____

ADDRESS_____

CITY/STATE/ZIP_____

E-MAIl ADDRESS_____

We are NOT ASSOCIATED in any way with RADIO SHACK.

[Long encoded or obfuscated payload not displayed]

1023. Re: NOVA

Newsgroup: rec.radio.amateur.space
Date: 2000-04-04 00:00:00 UTC
From: AnonMn@netscape.net
Message-ID: <38e963c9.258859819@news>
Source record: 9657

Thanks Dave. This might have been what I was missing. The software has
been uninstalled, but I'll download it again and check to see if this fixes the
problem. The program appears to have better graphics than others.
I still like InstanTrak though.
Ken K5MBV

1024. Re: N1IR AND FRACTAL QUAD YAGI--THIS WEEKEND!

Newsgroup: rec.radio.amateur.space
Date: 2000-04-04 00:00:00 UTC
From: Christopher Cox <cobox@urec.net>
Message-ID: <01bf9e30$72c38be0$417f473f@CBX-NT>
Source record: 9658

>
> Incredible!
>

I what way?

I suggest you visit rec.radio.amateur.antenna a little bit. Size, gain, patterns seem all pretty much on the norm to me as far as yagi designs go. The monopoles look interesting though.

Regards

Christopher Cox
KC8FRJ

1025. Re: Anti-CW crowd is full of bullshit. Re: Proposal for "Comunicator" Amateur Class

Newsgroup: rec.radio.amateur.space
Date: 2000-04-04 00:00:00 UTC
From: W6RCecilA <Cecil.A.Moore@IEEE.org>
Message-ID: <38E9ED3A.727E529@IEEE.org>
Source record: 9659
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.space

"Vincent Fiscus, KB7ADL" wrote:
> Hams aren't using digital either because they're too lazy,
> or too stupid.

Speak for yourself, Vincent. I rarely use anything except
digital anymore. PACTOR II is a dream come true. It will
maintain copy when I can't even hear the signal.
--
73, Cecil, W6RCA http://www.mindspring.com/~w6rca

1026. Re: Anti-CW crowd is full of bullshit. Re: Proposal for "Comunicator" Amateur Class

Newsgroup: rec.radio.amateur.space
Date: 2000-04-04 00:00:00 UTC
From: Unclaimed Mysteries <k4doh@mindspring.com>
Message-ID: <8cd7micvm1@slb1.atl.mindspring.net>
Source record: 9660
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.space

Vincent Fiscus, KB7ADL <vlfiscus@mcn.net> wrote in message
news:sej69tg3eop156@corp.supernews.com...
Just go back to rec.radio.cb where you came from and
> bullshit those people some more.

No.

--
It came from C. L. Smith's Unclaimed Mysteries.
http://www.unclaimedmysteries.net/
Celebrating four years as part of the problem with the internet.

1027. Re: Anti-CW crowd is full of bullshit. Re: Proposal for "Comunicator" Amateur Class

Newsgroup: rec.radio.amateur.space
Date: 2000-04-04 00:00:00 UTC
From: Fred <fdecker@compuserve.com>
Message-ID: <8cd8nphhn1@ssauraaa-i-1.production.compuserve.com>
Source record: 9661
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.space

"Vincent Fiscus, KB7ADL" <vlfiscus@mcn.net> went on a illucid tirade in msg news:sej69tg3eop156@corp.supernews.com...
> Code haters say that CW is out dated and digital is all that matters in order
> for ham radio to move forward, but you code haters are a pack of fools and
> lack the ambition to move ham radio forward and accomplish something. ...

Narrowminded Grandpa Vince (troll) can only react as typically happens in situations like this, he feels threatened, feels that he is losing something, and has to defend since he lacks the intelligence and self-awareness to see alternatives. Human nature is pretty consistent, we hate change and fight anything new or different, from wanting to hang onto the "world is flat" theory, to having organizations like the KKK to "protect" our racial purity from "infiltration". His mindless ramblings are just another form of "there goes the neighborhood, undesirables are moving in", or "the sky is falling". The more we evolve past the blind pre-programmed, inherited behavior of humans as animals, the more we can move forward and see other options.

As an Extra, I would like to have some distinction between an Extra that had to earn his stripes under more stringent requirements and the new Extra "Lite". However, I see the dropping of CW as a positive thing to allow others to use modes that the majority uses anyway and that they are restricted completely from now. I also realize that my wanting to have something like an "Extra Plus" is also purely a human frailty, I want the recognition.

Once again, I offer this for entertainment...

Once again, prevailing thought has called upon the canned HAM to respond. In light of the recent FCC testing requirements changes, those self appointed to protect our rights have used the airwave soapbox to decry the injustice of it all. A recent satirical "test" was passed around, but the CannedHam used his ample snout to root out the "real" test and found this ripe truffle. He presents it here for your pleasure:

Fred
N4IXL

FCC EXTRA CLASS LICENSE EXAM

1. A change long lobbied for is announced by the FCC, do you:

a. complain miserably on every band for which you have access
b. stock supplies in preparation for the obvious end of the world
c. make sure everyone knows how hard things were when you first became a ham
d. all of the above

2. Proper testing procedure should include:

a. the ability to solve a triple integral equations and Fourier transforms
b. the design and construction of an entire HF rig using tubes
c. the ability to send 30wpm cw using a foot paddle while standing on your head
d. all of the above

3. The FCC moves to another letter in sequence denoting new hams, you must:

a. Listen for the new calls and let them know how long you have been a ham and that you are a higher class
b. Coordinate with your buddies to not respond to these "appliance operators"
c. Make sure to "educate" all the new calls as to the proper procedures of being a HAM according to you
d. all of the above

4. When you received your license it also gave you which rights?

a. omnipotence: your opinion is always right and there is no room for other, obviously wrong, views
b. your fringe interest such as QRP, CW, ATV, APRS, etc. must be imposed on others
c. to post and say controversial or extreme views and expect no dissention or debate
d. all of the above

5. HAM radio should always maintain the same set of rules since Marconi because:

a. You had to do it, so should everybody else
b. We wouldn't want to ruin the neighborhood by letting all those lazy CB rejects into the hobby
c. You can't possibly be a good HAM radio operator without an EE degree and 20wpm code skills
d. all of the above

6. A good way to assert you opinion is to:

a. say and write vile right wing diatribes but laugh or put a smiley on it and say is is a "joke"
b. hang out only in groups of people who believe as you do to reinforce your opinions
c. let everyone know that it is not an opinion, but rather a fact and only an idiot couldn't see that
d. all of the above

7. The HAM radio motto is:

a. intolerance, self-righteousness, arrogance
b. exclusion, close-mindedness, bitterness
c. conservatism, the Klan, the NRA
d. Veni, Vidi, Vinci

8. The recent "proposal for change" in rulemaking has asked for the following:

a. reciting 500 memorized stories, chants, and formulas in a dark, candle lit room to 12 hooded elders
b. electric shock therapy for any question missed regarding Q signals or pro-signs
c. skills test showing the ability to solder 50 surface mount components in 5 minutes
d. proficiency in setting up a remote mountain top station using magnet wire, chewing gum and burlap

9. The proper way to maintain your skills as a HAM are:

a. troll newsgroups and nets to learn clever catch phrases like "appliance operator" and "codeless tech"
b. get on 2m repeaters and use Q signals like "QTH" and "QSL", and terms like "ROGER" and "OVER"
c. put down others so that you can appear to be above them without actually having to elevate yourself
d. all of the above

10. When you first became a HAM radio operator

a. You aced all exams without a missed question, could send 30wpm CW, and built all of your own equipment
b. You had to walk 20 miles in a blizzard, at night, with a broken leg to take your tests at the FCC office
c. You didn't have to worry about those damn parasites that didn't have to pass a code test
d. Marconi was still a Novice

The "Canned" HAM

1028. Re: Anti-CW crowd is full of bullshit. Re: Proposal for "Comunicator" Amateur Class

Newsgroup: rec.radio.amateur.space
Date: 2000-04-04 00:00:00 UTC
From: W5LZ <w5lz@oio.net>
Message-ID: <38EA2150.3A3C95F6@oio.net>
Source record: 9662
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.space

Vincent,
Lighten up a bit Vince. It isn't the 'end of the world'
yet. I do agree in so much as I 'hate' to see things "dumbed-
down", but that doesn't necessarily mean that code speed has
to be the deciding factor.
'Doc

1029. Re: Anti-CW crowd is full of bullshit. Re: Proposal for "Comunicator" Amateur Class

Newsgroup: rec.radio.amateur.space
Date: 2000-04-04 00:00:00 UTC
From: Aaron Jones <nomail@nomail.com>
Message-ID: <O3EGrMmn$GA.361@cpmsnbbsa04>
Source record: 9663
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.space

Vincent Fiscus, KB7ADL wrote
>The bands got worse in the years after 1987.

I have numerous quotes from my 1930's magazines on how ham radio was getting worse and worse and was going to die. The more things change...

>You'll get alot more enjoyment from ham radio knowing and
>using CW than you can without it.

A simple solution Vince. Simply use only CW. A number of ops are doing that these days. Those awful new codeless hams won't be able to bother you... (Unless you keep hanging around these newsgroups. But heck, that's what makes the place fun. And that's why you stay here isn't it. Cmon, admit it...)

1030. Re: Anti-CW crowd is full of bullshit. Re: Proposal for "Comunicator" Amateur Class

Newsgroup: rec.radio.amateur.space
Date: 2000-04-04 00:00:00 UTC
From: mikebo@Mars.mcs.net
Message-ID: <8cdmnf$2ppa$1@Mars.mcs.net>
Source record: 9664
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.space

In article <sej69tg3eop156@corp.supernews.com>,
Vincent Fiscus, KB7ADL <vlfiscus@mcn.net> wrote:
>Code haters say that CW is out dated and digital is all that matters in order
>for ham radio to move forward, but you code haters are a pack of fools and
>lack the ambition to move ham radio forward and accomplish something.
....

This newsgroup seems to be populated by two distinct groups - bitter
old men, and snot-nosed teenagers. Where's the middle aged firmly on
middle ground?

I'm 40, and just passed my Extra. I could have passed 4B and waited
til April 15, but I did 1C the old fashioned way because it gave me
satisfaction. It did NOT make me a superior being...

I support the restructuring because it was necessary for the survival
of ham radio at a time when "under-utilized spectrum" is being auctioned
off to the highest bidder. I enjoy operating CW, but as anything other
than a nice, quaint pasttime, it is obsolete (i.e. not used commercially
at all anywhere).

Many of the smartest E.E.s I know are Techs, while some of the biggest
buffoons on the air hold Extra tickets. Obviously, the ability to copy
20wpm Morse code has done nothing to "weed out" morons, and it is
certainly no measure of operator "class"!
73, Mike, WA9CQ

1031. Re: 60 Days until I turn in my VE badge. Hey Cecil

Newsgroup: rec.radio.amateur.space
Date: 2000-04-04 00:00:00 UTC
From: AndroidCat XENU <androidcat99@hotmail.com>
Message-ID: <QXwG4.4457$096.1011647@news-west.usenetserver.com>
Source record: 9665
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.shortwave

Glen Quarnstrom <glenq@cyberhighway.net> wrote in message
news:1cgvdskii8dcrosacnrp81nm4uhad3l821@4ax.com...
> W6RCecilA <Cecil.A.Moore@IEEE.org> wrote:
>
> >POSSUM BELLY ASSHOLE wrote:
> >> Because it is 'not' a HOBBY.. Read my lips again: IT IS A SERVICE,
> >> NOT A HOBBY.
> >
> >Please tell us exactly how you manage to keep your amateur radio
> >service at 100%. For me, and most of the hams I know, it is
> >98% hobby, 2% service. Service is a secondary standby operation
> >at best.
>
> I think he may have the alternate definition of "service" in mind.

Who cares. It's OFF TOPIC for rec.radio.scanners!

Ron of that ilk.

1032. 800 MHZ motorola Radios FS

Newsgroup: rec.radio.amateur.space
Date: 2000-04-05 00:00:00 UTC
From: byronh102@aol.com
Message-ID: <20000404212248.15990.00000919@ng-cj1.aol.com>
Source record: 9666

Hi all....I have some motorola radios for sale.
All are 800 MHZ TRUNKED radios.
All are six system radios.

10...15w Maxtrac mobiles $175.00 ea
10...35w Maxtrac mobiles $200.00 ea
10...45w Maxtrac mobiles $225.00 ea

Contact Byron at Byronh102@aol.com or
Curt at TWOWAYCURT@earthlink.net or
Call Curt at (702)739-7212 in Las Vegas,nv.

1033. VE3 MUN

Newsgroup: rec.radio.amateur.space
Date: 2000-04-05 00:00:00 UTC
From: Paul D <pdobbs@home.com>
Message-ID: <38EAA3E8.6B69BECA@home.com>
Source record: 9667

Anyone recognize that sign? Just curious..

Can anyone recommend a particularly good "amateurs" information site.
Something with your basic terms description, and with some of the more
advanced technology explained?

1034. Re: Anti-CW crowd is full of... Re: Proposal for "Comunicator" Amateur Class

Newsgroup: rec.radio.amateur.space
Date: 2000-04-05 00:00:00 UTC
From: fmaxsc@hotmail.com
Message-ID: <38eacbf4.36442366@nntp.mindspring.com>
Source record: 9668
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.space

I'm 47, have BA, BS, M.Ed., Ph.D, extra call for many many years, lived and traveled around the world, speak two languages (curse in neither), and I'm not an ounce better than anyone else in any way. I have been able to take advantage of opportunities that others have provided. The restructuring will provide opportunities for many. I just hope that most get beyond the "hardening of the categories" and encourage the hobby to grow.

Fred Maxwell
WA4PAV / 3DA0AH

1035. Re: 60 Days until I turn in my VE badge. Hey Cecil

Newsgroup: rec.radio.amateur.space
Date: 2000-04-05 00:00:00 UTC
From: Liberty_nits <one.big.asshole@ahole.com>
Message-ID: <38EB4CCA.6EB6E546@ahole.com>
Source record: 9669
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.shortwave

If nobody cares why did you reply?

AndroidCat XENU wrote:
>
> Glen Quarnstrom <glenq@cyberhighway.net> wrote in message
> news:1cgvdskii8dcrosacnrp81nm4uhad3l821@4ax.com...
> > W6RCecilA <Cecil.A.Moore@IEEE.org> wrote:
> >
> > >POSSUM BELLY ASSHOLE wrote:
> > >> Because it is 'not' a HOBBY.. Read my lips again: IT IS A SERVICE,
> > >> NOT A HOBBY.
> > >
> > >Please tell us exactly how you manage to keep your amateur radio
> > >service at 100%. For me, and most of the hams I know, it is
> > >98% hobby, 2% service. Service is a secondary standby operation
> > >at best.
> >
> > I think he may have the alternate definition of "service" in mind.
>
> Who cares. It's OFF TOPIC for rec.radio.scanners!
>
> Ron of that ilk.

1036. Re: VE3 MUN

Newsgroup: rec.radio.amateur.space
Date: 2000-04-05 00:00:00 UTC
From: Barry <x123x123@yahoo.com>
Message-ID: <vjGG4.129723$Hq3.3192319@news2.rdc1.on.home.com>
Source record: 9670

> Anyone recognize that sign? Just curious..
>
> Can anyone recommend a particularly good "amateurs" information site.
> Something with your basic terms description, and with some of the more
> advanced technology explained?

Go here to check Canadian Signs:
http://www.rac.ca/callbook/

VE3MUN is not used.

1037. 6 cm hpa's

Newsgroup: rec.radio.amateur.space
Date: 2000-04-05 00:00:00 UTC
From: Tim Wilson <tim@cmwave.com>
Message-ID: <38EB5DDC.BDF6BC4F@cmwave.com>
Source record: 9671

FS quantity 4 Varian vzj2700d4 3kw klystron hpa's. complete and operational with solid state ipa's and 80 dB of gain. wr-137 input and output. 20 dB manual attenuator. 208 volts three phase. Full metering: beam voltage, beam current, body current, reflected power, forward power (4000 watts), drive power, filament volts and current, beam and filament hours. Many spares including klystrons,
filament and beam transformers, 3 phase autotransformers, meters, wiring harnesses, and more.
These amps have either 12 or 24 channel tubes and will make >3kw across any 40 mHz. bandwidth.
Higher power outputs are easily obtainable with reduced bandwidth tuning of the klystron. The tube is a Varian va936 series, 5 cavity. Typical operating parameters are 8kv@1 amp with PO about 3 kw. I
have operated the amps at 8.5kv with output near 4kw. The beam power supply is variable from about 4 kv up to about 10 kv. The amp has arc detection and shutdown, as well as an output isolator.
For more specific information please e-mail or phone. SERIOUS INQUIRES ONLY! THESE ARE NOT TOYS!

Tim Wilson
Carolina Microwave
770-322-7522
tim@cmwave.com

1038. WTB Tracking interface

Newsgroup: rec.radio.amateur.space
Date: 2000-04-05 00:00:00 UTC
From: James Arruda <jamesar@earthlink.net>
Message-ID: <38EB7298.6E1F0119@earthlink.net>
Source record: 9672

Hi, I'm looking for a fodtrack, trackbox or kct to interface with my Kenpo rotor. Jim

1039. WTB Tracking interface

Newsgroup: rec.radio.amateur.space
Date: 2000-04-05 00:00:00 UTC
From: James Arruda <jamesar@earthlink.net>
Message-ID: <38EB72B4.35452992@earthlink.net>
Source record: 9673

Hi, I'm looking for a fodtrack, trackbox or kct to interface with my Kenpo rotor. Jim

1040. Re: ICOM ad says it all (a piece of cake) Facts Just In!!

Newsgroup: rec.radio.amateur.space
Date: 2000-04-05 00:00:00 UTC
From: Brian <burke1@icss.net>
Message-ID: <38EBC57C.9BEA725E@icss.net>
Source record: 9674
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.space

Vincent Fiscus, KB7ADL wrote:

> Yes, licensing is a piece of cake now (i.e. dumbed down).
> Just got the following e-mail from Bart Jahnke at the
> ARRL VEC for proof. It appears that a stream of idiots
> scrambling for the new "No Brain Required"
> licenses have back-logged the ARRL.

How could it have backlogged the ARRL?

> I thought
> restructuring was to move ham radio forward, but it won't
> be these hams that do it because they're to lazy to accomplish anything.
> Restructuring puts the word 'amateur' back in 'amateur radio'. You can bet
> these "Give me something for nothing" hams are gonna move
> ham radio forward. Yeah Right!

They'll have the same opportunity to not move amateur radio forward as you have had.

1041. Re: Anti-CW crowd is full of... Re: Proposal for "Comunicator" Amateur Class

Newsgroup: rec.radio.amateur.space
Date: 2000-04-05 00:00:00 UTC
From: compcnsult@aol.com
Message-ID: <20000405193727.15951.00001160@ng-bj1.aol.com>
Source record: 9675

AMEN BROTHERS

W0CBF

1042. Re: Anti-CW crowd is full of bullshit. Re: Proposal for "Comunicator" Amateur Class

Newsgroup: rec.radio.amateur.space
Date: 2000-04-05 00:00:00 UTC
From: Brian <burke1@icss.net>
Message-ID: <38EBCDAC.7A6833FB@icss.net>
Source record: 9676
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.space

Michael Borowiec wrote:

> In article <sej69tg3eop156@corp.supernews.com>,
> Vincent Fiscus, KB7ADL <vlfiscus@mcn.net> wrote:
> >Code haters say that CW is out dated and digital is all that matters in order
> >for ham radio to move forward, but you code haters are a pack of fools and
> >lack the ambition to move ham radio forward and accomplish something.
> ....
>
> This newsgroup seems to be populated by two distinct groups - bitter
> old men, and snot-nosed teenagers. Where's the middle aged firmly on
> middle ground?
>
> I'm 40, and just passed my Extra. I could have passed 4B and waited
> til April 15, but I did 1C the old fashioned way because it gave me
> satisfaction. It did NOT make me a superior being...
>
> I support the restructuring because it was necessary for the survival
> of ham radio at a time when "under-utilized spectrum" is being auctioned
> off to the highest bidder. I enjoy operating CW, but as anything other
> than a nice, quaint pasttime, it is obsolete (i.e. not used commercially
> at all anywhere).
>
> Many of the smartest E.E.s I know are Techs, while some of the biggest
> buffoons on the air hold Extra tickets. Obviously, the ability to copy
> 20wpm Morse code has done nothing to "weed out" morons, and it is
> certainly no measure of operator "class"!
> 73, Mike, WA9CQ

Mike, congratulations on your upgrade. Good going.

Brian/N0iMD

1043. QST--FRACTAL ANTENNA CHALLENGE--QST

Newsgroup: rec.radio.amateur.space
Date: 2000-04-06 00:00:00 UTC
From: fractenna@aol.com
Message-ID: <20000406023923.01080.00000134@ng-cr1.aol.com>
Source record: 9677

QST--

Chuck O'Neal, K1KW, has issued a challenge to compare his 10M linear loaded antenna with the 10M fractal quad Yagi (FQY) seen on the ham page of:

http://www.fractenna.com.

The specs on the FQY indicate at least 3 dB gain compared to a dipole (in the same environment) and better than 20dB F/B. Impedance is close to 50 ohms, with no matching whatsoever.

Chuck's linear loaded antenna will have the same turning radius. Specs are not known, but Chuck contends that 'fractals are linear loading' so this should be interesting. [BTW, fractal antennas are certainly not linear loads any more than a nonlinear circuit is linear.]

On the air comparisons with DX are not scientific. That's what the specs are for. But it should be fun to see how these two antennas 'play' at the same heights, with very similar types of locations (separation about 20-25 miles LOS) and get comparison signal reports.

You are invited to hear this challenge on the air.

Plans are for Chuck and I to operate N1IR and two other local ops to operate from K1KW.

Tentative date is May 13, 2000 on about 28500 KHz. Time TBA but probably about 14 or 1500Z. Propagation to Europe is a requirement; a 'raindate' will also be posted.

Please pass this along to any list, buddy, or NG you feel may enjoy knowing about this.

73,
Chip N1IR

1044. Re: NOVA

Newsgroup: rec.radio.amateur.space
Date: 2000-04-06 00:00:00 UTC
From: David Edwards <ham@cybercomm.net>
Message-ID: <8ci8ms$s09$1@ostrich.cybercomm.net>
Source record: 9678

I like InstantTrack also, but it is on my old 386SX20.
Can't see paying money (again) for such an old program!
...Dave
<AnonMn@netscape.net> wrote in message news:38e963c9.258859819@news...
> Thanks Dave. This might have been what I was missing. The software has
> been uninstalled, but I'll download it again and check to see if this
fixes the
> problem. The program appears to have better graphics than others.
> I still like InstanTrak though.
> Ken K5MBV

1045. NEED HELP !!!!!!, CAN'T HEAR UO-14 !!!

Newsgroup: rec.radio.amateur.space
Date: 2000-04-06 00:00:00 UTC
From: "cdma77@aol.com" <cdma77@aol.com>
Message-ID: <38ED688B.970@aol.com>
Source record: 9679

I am new to satalites and I was wondering if anybody could help me solve a problem, I am not able to hear UO-14. Here is my config :

Kenwood TR-851E, 70cm multi-mode radio tuned to 435.07(+-10khz)FM when the sat is supposed to appear for Doppler shift and the squelch is open

Arrow A0-27 antenna on a camera tripod, aimed with a compass according to the pass

20ft coax run between he radio & antenna

I will be getting a 2mtr radio soon for the uplink and I am just trying to hear UO-14. I am using a copy Winorbit for tracking with new Keps. I have tried moving the antenna to make sure my that my aim may be wrong, but I don't hear anything. I am getting very frustrated ! I haven't tried to hear AO-27, because of my work schedule and the satellites availability. Do you know of anybody in he St. Louis MO area that may be able to give me some hands on help ?

Thanks,

Jeff Grey
N8EIP

1046. Re: NEED HELP !!!!!!, CAN'T HEAR UO-14 !!!

Newsgroup: rec.radio.amateur.space
Date: 2000-04-07 00:00:00 UTC
From: Pat Cox <peacox@gloryroad.net>
Message-ID: <38EDD3AA.14E8B182@gloryroad.net>
Source record: 9680

Jeff: if its any consolation, I am not hearing it very well myself. I have made a few contcts through the bird but only when it is almost directly overhead. It is in noway comparble to the signal strength of the SO-35 or AO-27. Of course these two birds downlink on 2 meters instead of 435. I suspect my antenna is the probelm on hearing the UO-14. I am using just a 440 ringo ranger and/or a discone on my Icom R-7000. I am also using an Icom 471/271 combination on up/downlinks. My two meter uplink antenna is an Cushcraft 2 meter turnstile, or crossed dipoles which works really well. I feel that my 435 antenna capability is my problem in hearing UO-14. I use NOVA and Instantrack for tracking. I wonder if you have made the Y2K corrections for Instantrack? By the way I have a turnable array for 145/435 satellite work that I am restoring along with mast mounted Icom pre-amps. I am looking for an AZ-EL rotor to complete that project. I would be interested to hear how things turn out for you. Pat K4AVO

"cdma77@aol.com" wrote:

> I am new to satalites and I was wondering if anybody could help me solve
> a problem, I am not able to hear UO-14. Here is my config :
>
> Kenwood TR-851E, 70cm multi-mode radio tuned to 435.07(+-10khz)FM when
> the sat is supposed to appear for Doppler shift and the squelch is open
>
> Arrow A0-27 antenna on a camera tripod, aimed with a compass according
> to the pass
>
> 20ft coax run between he radio & antenna
>
> I will be getting a 2mtr radio soon for the uplink and I am just trying
> to hear UO-14. I am using a copy Winorbit for tracking with new Keps.
> I have tried moving the antenna to make sure my that my aim may be
> wrong, but I don't hear anything. I am getting very frustrated ! I
> haven't tried to hear AO-27, because of my work schedule and the
> satellites availability. Do you know of anybody in he St. Louis MO
> area that may be able to give me some hands on help ?
>
> Thanks,
>
> Jeff Grey
> N8EIP

1047. Re: NEED HELP !!!!!!, CAN'T HEAR UO-14 !!!

Newsgroup: rec.radio.amateur.space
Date: 2000-04-07 00:00:00 UTC
From: Peter Hodgson <va3pkh@rac.ca>
Message-ID: <38EDD6BB.726C020A@rac.ca>
Source record: 9681

Hi Jeff

A can suggest a few of things to try.

Start at 435.080 and work your way through .075, .070, .065, .060
as the satellite progresses it will probably be easy to determine
the best time to change as the signal distorts.

Try without the tripod to start with, use headphones, and move the
antenna
in the direction that Winorbit shows the satellite is approaching from.
You will hear a quieting of the background hiss as the sat approaches.
Don't forget that the Arrow may need rotating as well as pointing to
allow for
polarization of the sat antenna as the sat rotates.

Make sure you Winorbit is set correctly and that your time zones etc.
are
set. Winorbit can show passes in local time or UTC at the moment here in
the east we are UTC -4:00 hr. I am not sure about St. Louis.
I usually do not hear anything until 2 to 3 minutes after Winorbit's
prediction of AOS due to the horizon not being in line of site at
my location Belleville Ontario FN14.
I have spoken to KB0NWT Dave Newman several times on SO35 and UO14
he is located in FN30 Memphis MO. I don't know how close that is to you.

73
Hope to hear you soon

Peter
VA3PKH

"cdma77@aol.com" wrote:
>
> I am new to satalites and I was wondering if anybody could help me solve
> a problem, I am not able to hear UO-14. Here is my config :
>
> Kenwood TR-851E, 70cm multi-mode radio tuned to 435.07(+-10khz)FM when
> the sat is supposed to appear for Doppler shift and the squelch is open
>
> Arrow A0-27 antenna on a camera tripod, aimed with a compass according
> to the pass
>
> 20ft coax run between he radio & antenna
>
> I will be getting a 2mtr radio soon for the uplink and I am just trying

> to hear UO-14. I am using a copy Winorbit for tracking with new Keps.
> I have tried moving the antenna to make sure my that my aim may be
> wrong, but I don't hear anything. I am getting very frustrated ! I
> haven't tried to hear AO-27, because of my work schedule and the
> satellites availability. Do you know of anybody in he St. Louis MO
> area that may be able to give me some hands on help ?
>
> Thanks,
>
> Jeff Grey
> N8EIP

1048. SatTrack Y2K Patch

Newsgroup: rec.radio.amateur.space
Date: 2000-04-07 00:00:00 UTC
From: Ed Bacon <ewb@voyager.net>
Message-ID: <38ee9bf3$0$3754@news.voyager.net>
Source record: 9682

Could someone please point me to the Y2K patch for SatTrack 3.1.5?

Thanks,
Ed Bacon
KC8KLB

1049. Re: SatTrack Y2K Patch

Newsgroup: rec.radio.amateur.space
Date: 2000-04-08 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8eualb.kvs.nomail@linux.pe1chl.ampr.org>
Source record: 9683

```
Ed Bacon <ewb@voyager.net> wrote:
>Could someone please point me to the Y2K patch for SatTrack 3.1.5?

For 3.1.6:

diff -cr SatTrack-pe1chl/src/sattrack/sattime.c SatTrack/src/sattrack/sattime.c
*** SatTrack-pe1chl/src/sattrack/sattime.c Sat Jan 4 22:19:08 1997
--- SatTrack/src/sattrack/sattime.c Sat Jan 1 14:19:51 2000
***************
*** 269,275 ****
if (gdnY < 50) /* allow 4 or 2 digit year specifications */
gdnY += 2000;
else
! if (gdnY < 100)
gdnY += 1900;

result = (long) ((((gdnY-1901)*1461) >> 2) + monthDays[gdnM-1] + gdnD+365);
--- 269,275 ----
if (gdnY < 50) /* allow 4 or 2 digit year specifications */
gdnY += 2000;
else
! if (gdnY < 200)
gdnY += 1900;

result = (long) ((((gdnY-1901)*1461) >> 2) + monthDays[gdnM-1] + gdnD+365);
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+
```

1050. F6KEH RESOURCES RELAY : temporary adress

Newsgroup: rec.radio.amateur.space
Date: 2000-04-08 00:00:00 UTC
From: F6KEH <f6keh@qsl.net>
Message-ID: <8co2sf$fv0$6@wanadoo.fr>
Source record: 9684

Some technical problems occurs to connect directly to the site
F6KEH.FREE.FR.

So, you can connect you directly to F6KEH RESOURCES RELAY ham site using the
following URL adress :
http://members.xoom.com/_XMCM/softelecom/index_r.htm

When the technical connection will be established again, the use of the
normal URL will be advised by way of these news.

F6KEH - F5LCY

1051. Hamfest Cancelled READ!

Newsgroup: rec.radio.amateur.space
Date: 2000-04-09 00:00:00 UTC
From: k8cpa@arrl.net
Message-ID: <38f0bd8a.3882698@netnews.att.net>
Source record: 9685

Reply-To: <WB8BGY@arrl.org>
From: "George Race" <WB8BGY@arrl.org>
To: "Division Clubs" <clubs@facops.albion.edu>,
<MI-Staff@facops.albion.edu>,
<OH-Staff@facops.albion.edu>, "AD Mail"
<ad@facops.albion.edu>,
"Division Mail" <division@facops.albion.edu>
Subject: Cancellation of Grosse Pointe Woods Hamfest
Date: Sat, 8 Apr 2000 17:11:09 -0500
X-MSMail-Priority: Normal
X-Mailer: Microsoft Outlook IMO, Build 9.0.2416 (9.0.2910.0)
Importance: Normal
X-MimeOLE: Produced By Microsoft MimeOLE V4.72.3110.3
Sender: division-request@facops.albion.edu
X-Delivery: Mail.com IDA 1.11

The following is from the Great Lakes Division
Information List Server. This system is
operated by George Race - WB8BGY

To be removed from this mailing list please
send your request to: WB8BGY@ARRL.ORG

It is me again, having to come to you a second time in the same day
with a request for help.

Please see if you can get the following information on your Nets as
much as possible during the next week. This is particularly important
to the Northern Ohio, Michigan, and South Western Canada areas.
Anything you can do to help will be appreciated.

73...George Race - WB8BGY
ARRL Great Lakes Division Director

HERE ARE THE DETAILS OF THE ANNOUNCEMENT

I have received word from Gerald Rosner, N8FGK, that the Grosse Pointe
Woods Hamfest, scheduled for Sunday April 16th, 2000 and sponsored by
SEMARA has been officially cancelled. The Hamfest Committee met late
Friday, April 7th, and made the decision. Lack of advance table sales
and Dealer participation was at the heart of the decision.

The Officers of SEMARA are sorry to have to cancel this formerly
popular Hamfest, but needed to take necessary action to cut their
losses to a minimum at this late date.

George Race - WB8BGY
ARRL Great Lakes Division Director

Your Great Lakes Division Leadership
Director - George Race - WB8BGY@arrl.org
Vice Director - Gary Johnston - KI4LA@arrl.org

Please let us know if we can be of service to
you or your Amateur Radio organization.

Chuck K8CPA
Web: http://www.qsl.net/~k8cpa
E-mail:MailTo:k8cpa@qsl.net or
MailTo: theradiodude@mail.com or
MailTo:k8cpa@arrl.net
ICQ: 17045539
Firetalk:237969
AOL IM: RadioMan29
Mplayer: RedeyeMan1972
(Download at http://www.firetalk.com)

1052. Re: NEED HELP !!!!!!, CAN'T HEAR UO-14 !!!

Newsgroup: rec.radio.amateur.space
Date: 2000-04-10 00:00:00 UTC
From: pesic@mailcity.com
Message-ID: <38f17651.313755070@news.infinity.net>
Source record: 9686

When I renamed Keps downloaded from Amsat to whatever.kep using
Windows it didn't actually rename it properly.It was still
whatever.txt.I had to use DOS command line to rename it.
Also NASA's J-Track 3D web site could be used to compare tracking
results.

1053. Re: NEED HELP !!!!!!, CAN'T HEAR UO-14 !!!

Newsgroup: rec.radio.amateur.space
Date: 2000-04-10 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8f33kp.1fg.nomail@linux.pe1chl.ampr.org>
Source record: 9687

pesic@mailcity.com <pesic@mailcity.com> wrote:
>When I renamed Keps downloaded from Amsat to whatever.kep using
>Windows it didn't actually rename it properly.It was still
>whatever.txt.I had to use DOS command line to rename it.

Switch off the "hide extensions for known filetypes" option in the explorer.
It only serves to confuse you.

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

1054. Radio Meteor Obs. Bull. March 2000

Newsgroup: rec.radio.amateur.space
Date: 2000-04-10 00:00:00 UTC
From: steyaert@vvs.be
Message-ID: <38f238ea.9777920@news.innet.be>
Source record: 9688
Cross-posted to: sci.astro.amateur,rec.radio.amateur.space

Radio Meteor Observation Bulletin No. 80 April 2000

1. FORWARD SCATTER METEOR OBSERVATIONS

Observer: Enric Fraile Algeciras
Location: Paseo Bonanova, 8 Barcelona (02 07'E, 41 24' N)
Frequency: 48.24715 MHz.
Transmitter Location: Biedenkopf C2 TV, Video Frequency 48.250 MHz,
ERP 100 kW, Azimuth 90 +/-65
Antenna: 6-element Yagi 617-6B, 14 dBd gain.
astronomical azimuth 215 deg (=NE), elevation 0 deg.
Antenna: Six element Yagi 617-6B, 14 dBi gain, horizontal polariz.
Azimuth 200 deg (NE), elevation 20 deg
Receiver: home made converter 20 dB gain, 1 dB noise and Kenwood TS-830S.
10 dB attenuator in the receiver to reduce direct reception
Sensitivity: 0.25 uV for 10 dB S/N
Observing method: the audio signal of the video carrier is received using
a narrow CW filter (500 Hz) and fed into the PC in real time.
Data sampling system: own written software "MSD" with sound card.

| Mar 2000
UT | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
----+--
0h| 15 12 21 56 46 48 38 33 9 35 3 17 0 40 74 79
1 | 24 21 21 37 41 45 28 41 4 44 5 28 0 45 67 46
2 | 18 7 22 40 38 28 47 31 3 31 1 19 0 38 65 56
3 | 8 11 18 32 39 34 42 27 1 34 0 6 0 39 60 79
4 | 17 15 45 38 50 39 44 39 2 34 1 11 0 59 63 54
5 | 19 17 16 37 45 37 40 34 8 27 0 3 0 57 56 75
6 | 11 11 22 41 46 42 35 13 9 47 0 1 1 40 56 69
7 | 12 16 25 24 38 45 22 14 7 43 12 16 4 81 60 70
8 | 17 12 18 34 46 34 37 37 3 53 44 42 5 63 81 71
9 | 44 19 29 33 40 43 48 56 24 74 44 78 4 74 89 77
10 | 27 32 35 49 38 52 69 69 63 93 37 50 2 50 50 69
11 | 23 25 21 44 29 55 100 57 65 31 35 4 50 66 23
12 | 21 23 24 42 27 15 108 54 40 28 32 28 41 64 31
13 | 16 14 12 43 22 30 23 39 39 27 23 27 33 53 49 41
14 | 28 17 18 35 25 22 24 37 15 26 28 10 33 52 54 35
15 | 18 17 26 27 25 20 32 28 26 38 21 9 25 34 31 37
16 | 15 13 19 23 16 25 33 31 21 15 18 13 18 36 26 18
17 | 7 9 13 19 21 25 14 15 22 23 14 0 19 38 23 16
18 | 16 5 12 24 29 13 17 22 21 23 12 0 11 40 21 2
19 | 10 7 12 25 11 22 17 21 16 19 26 1 30 42
20 | 12 6 31 25 27 21 20 18 30 23 1 29 39 46

```
21 | 18 14 16 30 36 46 45 34 43 28 28 0 41 60 59
22 | 15 15 30 47 20 30 31 33 49 22 32 0 76 50 51
23 | 11 19 40 52 35 46 43 8 40 20 37 0 51 65 50
----+------------------------------------------------------------
UT | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
| Mar 2000

| Mar 2000
UT | 25 26 27 28 29 30 31
----+--------------------------
0h| 42 24 8 7 13 3
1 | 28 18 6 3 9 1
2 | 23 19 2 0 2 0
3 | 15 5 2 2 1
4 | 45 15 4 5 11 0
5 | 36 26 7 2 3 1
6 | 28 14 9 0 13 0
7 | 60 8 3 2 20 1
8 | 28 18 27 25 37 1
9 | 46 30 7 12 13 8
10 | 70 19 7 13 9 5
11 | 48 14 6 5 8 6
12 | 35 13 9 1 7 6
13 | 27 25 4 6 9 8
14 | 31 22 24 9 5 6
15 | 31 13 17 17 21 5
16 | 20 11 9 7 10 3
17 | 17 15 3 2 5 8
18 | 13 14 3 8 4 4
19 | 12 4 6 4 3 4
20 | 9 3 5 3 4 5
21 | 27 6 4 9 8 6
22 | 23 6 9 3 7 4
23 | 24 43 13 7 10 3
----+--------------------------
UT | 25 26 27 28 29 30 31
| Mar 2000
```

Note:
. March was used for testing MSD (Meteor Software Detection)
Very soon the MSD will be freely distributed on my web site:
http://personal3.iddeo.es/ea3btz
also with the explanation in English.
With MSD, you can select different parameters:
- Audio Range frequency of detection.
- The levels of hysteresis detection.
- Number of samples and sampling rate
During March we changed the parameters every week. For this reason no data
were stored between March 17 to 25, and on March 12 and 13 we had rates of 0
or 1 per hour.

Enric Fraile Algeciras

Observer: Michael Boschat
Location: Halifax, Canada (63 36'W, 44 39'N, 58 meters above sea level)
Listening Frequency: 83.25 MHz
Receiver: Icom R-10
Antenna : resonant dipole
Antenna Direction: Horizontally polarized with lobes in E-W plane, elev 0 deg
Filter : high-Q (Q at least 300) bandpass filter between antenna & receiver.
Listening Mode: CW
Recording method: listening by ear

March 2000

Number of meteors heard in one hour interval

2000| UT
Mar | 12 13 14 15 16 17 18
----+--------------------------
1 | - - - - - - -
2 | - - - - - - -
3 | - - 2 15 16 31 17
4 | 10 9 15 9 22 10 -
5 | 7 8 17 13 - - -

15 | - - 7 11 - - -
16 | - 12 5 - - - -

23 | 10 3 5 - - - -
24 | 9 16 11 8 - - -
----+--------------------------
| 12h 13 14 15 16 17 18

Notes:
. no corrections for radiant position made to the counts.
. - = no observations made.
. * = interference

Mike Boschat

Observer: Maurice De Meyere
Location: Deurle, Belgium (3 37' E, 51 00' N)
Frequency: 66.51 MHz
Transmitter locations (all stations of more than 10 kW):
66.35 MHz, Klaipeda, Lithuania 12 kW, 05h00-22h00
66.47 Viesintos Lithuania 12 05h00-22h00
66.62 Budapest Hungary 100 24hrs
66.68 Valmiera Latvia 20 04h30-22h00
Antenna: crossed Yagi (x form), 4 elements, astronomical azimuth 270 deg
(= E), elevation 27 deg.
Antenna amplifier: 25 dB max level 90 dBmuV
Receiver: commercial, Progresson 447A, TESLA (Bratislava)

The receiver was calibrated with a Marconi TF2008 signal
generator. Sensitivity: 5 muV (modulation frequency
1000 Hz, frequency sweep 38 kHz) at (S+N)/N = 20 dB.
SWR of antenna alone at 66.5 MHz: 1.4/1 (good to very good),
measured with MFJ/259P SWR analyzer (HF-VHF 1.8 MHz to 170 MHz)
on Sep 28, 1998.
Observing method: automated setup, 150 samples/second, 8 bit resolution.
[Time and details of all individual meteor reflections are stored
on file in the Ghent University format (Prometeos), and are
available for further analysis. Reduction software for DOS and
Windows available].

March 2000

Raw counts of reflections with a duration of at least 0.027 s
during one hour interval starting at UT:

Mar	UT									
2000	20h	21	22	23	00	01	02	03	04	05	06	07
1- 2	12	11	18	16	14	17	40	50	57	52	28
2- 3	22	17	10	12	14	19	29	47	38	61	34
3- 4											
4- 5	14	28	19	23	16	17	21	47	39	48	36
5- 6	21	36	8	26	18	8	31	35	41	?	?
6- 7	16	8	6	9	5	9	23	35	30	41	15
7- 8	17	40	13	11	8	5	33	38	35	31	27
8- 9	?	19	11	11	3	6	24	32	32	60	26
9-10	19	29	8	9	3	4	35	46	36	68	29
10-11	31	34	13	9	7	7	39	37	61	69	66
11-12	23	23	1	8	7	6	19	53	45	66	56
12-13	?	27	13	?	22	10	27	38	?	?	?
13-14	29	31	5	18	12	6	47	50	64	46	?
14-15											
15-16	17	15	7	9	5	9	38	?	63	38	45
16-17	36	22	?	?	8	6	25	43	?	?	71
17-18	?	31	?	7	4	1	41	47	56	?	?
18-19	8	14	6	6	3	4	10	38	45	47	42
19-20	18	23	?	?	3	14	25	?	?	?	?
20-21											
21-22	?	23	?	?	?	5	33	41			
22-23	34	38	5	2	4	7	24	40	?	?	?
23-24	41	17	6	3	7	3	27	43	56	43	37
24-25	2	33	16	4	1	6	17	59	53	76	15
25-26	4	15	20	3	5	18	34	46	?	47	
26-27	13	22	7	4	2	3	29	52?	39	33	16
27-28	15	8	11	4	2	11	34	51	47	67	?
28-29	11	18	3	1	3	9	38	58	52	?	48
29-30	9	11	2	6	4	8	33	44	66	41	41
30-31	12	15	4	7	1	12	22	?	52	?	30
31- 1	19	20	2	3	4	7	26	47	44	?	44

```
------+------------------------------------------------------------
2000 | 20h 21 22 23 00 01 02 03 04 05 06 07
Mar | UT

Raw counts of reflections with a duration of at least 1.000 s
during one hour interval starting at UT:

Mar | UT
2000 | 20h 21 22 23 00 01 02 03 04 05 06 07
------+------------------------------------------------------------
1- 2 | 2 1 2 2 1 3 6 5 12* 11 2
2- 3 | 3 2 0 3* 2 2 2 4 5 10 6
3- 4 |
4- 5 | 2 4 3 2 2 2 6* 3 3 4 5
5- 6 | 5* 8* 3* 10* 3 2* 2 4 2 ? ?
6- 7 | 5* 1 0 0 0 1 4 3 3 8 1
7- 8 | 2 12* 2 1 1 0 6 3 4 2 4
8- 9 | ? 1 1 1 0 0 4 6 3 15* 3
9-10 | 3 7* 1 1 0 0 3 4 2 15* 4
10-11 | 2 7* 1 3* 1 1 2 2 7 18* 9
11-12 | 3 5* 0 1 0 0 2 6 3 14* 12*
12-13 | ? 3 3* ? 12* 4* 2 10* ? ? ?
13-14 | 9* 2 0 0 4* 1 10* 3 11 4* ?
14-15 |
15-16 | 6* 1 0 3* 0 2* 8* ? 9 6 8
16-17 | 8* 6* ? ? 5* 0 3 6 2 ? 22*
17-18 | ? 7* ? 1 0 0 2 2 15* ? ?
18-19 | 2* 7* 1 0 1* 0 1 5 8 4 6
19-20 | 4* 3 ? ? 1* 1 1 ? ? ? ?
20-21 |
21-22 | ? 4 ? ? 10 0 5 3
22-23 | 12* 5 0 1* 3* 0 0 4 ? ? ?
23-24 | 10* 2 1 0 0 0 5 5 5 10* 4
24-25 | 1* 7* 3 0 0 0 1 10 5 20* 4*
25-26 | 1* 1 3 1* 1 1 3 7 19* 6
26-27 | 2 6* 0 0 0 0 3 ? 3 4 2
27-28 | 2 2* 5* 1* 1* 0 5 10 1 17* ?
28-29 | 3* 6* 1* 1* 1* 1 6 ? 9 8 4
29-30 | 1 1 0 0 0 1 5 6 8 5 2
30-31 | 0 2 2* 2* 0 2 0 6 4 ? 5
31-01 | 4* 3 0 0 0 0 4 5 5 ? 4
------+------------------------------------------------------------
2000 | 20h 21 22 23 00 01 02 03 04 05 06 07
Mar | UT

Notes:
. ? probably affected by sporadic-E, tropo, direct reception.
. * warning for relative high number of long duration reflections,
an indication for potential stream activity.
. local time = UT + 1 hour until March 25, UT + 2 hours from March 26
onwards
```

Maurice De Meyere

Observer: Didier Favre
Location: Annecy, France, 6 08' E, 45 55'
Frequency: 105.85 MHz
Antenna: 3 elements Yagi, direction East, elev. 30 deg
Receiver: Tuner Yamaha TX-480L
Observing method: METEOR v 4.0 on a 66 MHz PC486, THRESHOLD = 6

| Mar 2000
UT | 22 23 24 25 26 27 28 29 30 31
---+--
0 | 0 0 0 0 0 1 0 2 0
1 | 1 1 0 0 1 2 0 1 1
2 | 3 1 0 1 3 2 1 0 1
3 | 0 0 0 1 0 0 0 0 1
4 | 0 0 0 0 2 1 1 0 2
5 | 1 0 1 0 1 4 0 0 14
6 | 1 0 2 0 3 2 1 1 7
7 | 0 0 0 0 0 2 1 0 8
8 | 1 0 0 2 0 1 0 2 2
9 | 0 0 2 0 1 1 1 0 8
10 | 0 1 2 0 0 5 4 0 8
11 | 0 1 0 0 0 2 3 1 6
12 | 0 0 1 1 1 2 4 2 1
13 | 0 1 0 0 2 5 3 5 1
14 | 0 0 0 0 0 0 1 4 4
15 | 1 0 0 0 3 0 3 5 6
16 | 2 0 0 0 0 1 4 6 5
17 | 2 0 1 0 6 0 0 2 1
18 | 1 0 0 1 1 2 1 10 2
19 | 1 1 0 0 0 1 2 2 5
20 | 0 0 0 0 3 1 0 6 4
21 | 0 0 0 0 0 0 1 0 1 0
22 | 1 0 0 0 0 0 1 0 1 2
23 | 0 0 0 0 0 1 2 0 1 1
---+--
UT | 22 23 24 25 26 27 28 29 30 31
| Mar 2000

Didier Favre

Location: Astronomical Observatory, Ghent University, Belgium
(ED50 coordinates: 3 42' 32" E, 51 01' 25" N)
Antenna (2x): 4 elements horizontal Yagi, pointed East, elevation= 20 deg
Antenna amplifier: 10 dB gain
narrow band resonance lambda/4 antenna filter
Frequency: (1)=66.29 MHz (signal) and (2)=65.3 MHz (interference control)
Receiver (2x): modified commercial FM receiver
Data acquisition: 12 bits PC-based A/D convertor, 250 Hz sampling rate

Interference rejection:
dual setup: receiver (1) tuned at distant transmitter, receiver (2)
tuned at empty frequency. Anti-coincidence measurement rejects
registration of broadbanded spurious signals (lightning, computers,
ignition motors, etc).
Further information:
see WWW page (additional info + observational data)
http://allserv.rug.ac.be/~hdejongh/astro/meteor/meteor.html
Data format:
results are shown as total reflection time, expressed as
a percentage. The actual number shows 10 times this value.
When no figure is shown, the equipment was either out of service,
or results could have been affected by interference, sporadic-E.

```
-------------------------------------------------------------
| Mar 2000 | 10x % reflec. time | horiz: day | vert: time UT|
-------------------------------------------------------------
| 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
---+---------------------------------------------------------
0 | 8 7 12 5 5 4 9 3 4 11 4 7
1 | 5 4 4 9 5 7 7 8 10 24 9 4
2 | 4 23 6 11 9 9 10 20 13 12 18 6
3 | 6 6 5 23 52 21 42 25 14 63 47 38
4 | 23 22 42 32 37 28 41 32 46 34 47 25
5 | 23 23 18 42 24 31 44 42 30 30 22 21
6 | 32 17 8 44 36 53 43 43 24 28 30
7 | 26 21 25 35 43 40 27 60 31 22 69 30
8 | 30 13 28 41 50 35 47 54 49 19 44 23
9 | 16 28 17 35 23 48 30 48 47 48 19 28 25
10 | 12 20 14 45 28 42 37 47 53 45 22 26 46
11 | 8 8 20 47 21 27 38 49 52 21 24 32 23
12 | 40 18 15 27 13 47 25 33 24 37 35 23 14
13 | 15 17 5 20 15 8 18 12 30 27 19 11 10
14 | 9 7 7 18 29 15 4 6 19 22 16 6 6
15 | 2 2 5 7 6 8 3 4 7 18 3 4 4
16 | 9 4 11 14 6 6 6 5 12 4 6 10 6
17 | 0 4 5 7 3 5 7 9 6 6 10 2 24
18 | 7 4 5 6 6 6 4 13 6 5 8 6 3
19 | 5 6 8 9 17 9 15 9 8 9 15 13 4
20 | 8 11 6 20 28 25 8 22 10 19 10 17 9
21 | 7 8 11 18 18 24 16 15 17 27 14 26 12
22 | 6 5 12 15 14 7 14 7 16 6 9 6 10
23 | 4 2 5 3 2 7 5 4 5 5 4 4 2
---+---------------------------------------------------------
| 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

-------------------------------------------------------------
| Mar 2000 | 10x % reflec. time | horiz: day | vert: time in UT |
-------------------------------------------------------------
| 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
---+---------------------------------------------------------
```

```
0 | 3 5 3 4 2 2 3 4 4 3 7 5 1 1 2 2
1 | 3 11 6 4 16 6 19 5 7 3 6 3 5 3 5 2
2 | 17 9 7 6 13 9 5 6 8 6 8 6 5 9 13 9
3 | 42 16 14 11 19 14 10 7 10 7 10 18 10 24 13 15
4 | 46 29 23 21 33 23 28 20 23 22 25 8 14 16 28 9
5 | 28 17 21 20 23 51 43 17 21 18 34 23 20 25 17 8
6 | 25 27 26 23 19 34 15 12 18 8 10 13 12 16 15 11
7 | 34 39 44 28 14 20 25 21 33 15 17 17 16 12 28 13
8 | 19 25 28 57 13 18 18 17 25 18 16 26 25 20 30 13
9 | 19 25 45 35 12 21 8 11 18 23 19 15 30 44 15 16
10 | 14 37 20 30 25 14 17 20 21 16 25 10 9 12 12 25
11 | 28 19 26 32 29 10 5 15 27 11 19 13 19 11 18 17
12 | 19 10 23 25 14 5 10 8 16 22 14 6 50 6 9 15
13 | 28 6 22 15 7 10 7 13 11 15 12 7 9 14 5 5
14 | 12 5 8 11 4 5 5 7 5 8 3 7 3 4 5 10
15 | 8 4 10 10 3 2 4 4 4 2 7 4 12 5 3 3
16 | 4 4 6 13 2 1 7 4 6 8 3 9 2 3 1 4
17 | 3 6 6 4 5 4 6 2 4 4 6 4 2 2 5 3
18 | 3 4 3 10 6 4 18 5 6 4 4 4 5 3 2 3
19 | 4 7 7 5 3 3 3 6 7 20 4 7 4 8 2 5
20 | 8 6 17 8 4 8 7 11 9 8 4 9 4 5 4 16
21 | 13 12 9 12 9 13 15 10 10 7 5 4 7 6 5 4
22 | 18 12 7 4 6 9 9 7 4 5 3 1 2 2 2 1
23 | 6 2 2 6 4 5 3 4 2 1 3 4 2 2 2 1
---+------------------------------------------------------------
| 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
```

Notes:
. computer outage during the weekend of March 5-7

Pierre De Groote

Observer: Werfried Kuneth
Location: Ferndorf, Austria (13 37' E, 46 45' N)
Antenna: 2 element Yagi, direction southeast, no elevation at 1 m height.
Receiver: IC-706 at 53.76065 MHz, CW-R mode, 500 Hz CW filter, fast AGC.
Transmitters: 1) 30 kW TV video carrier from Bari, Italy, distance 700 km,
direction south and 2) a 30 kW TV video carrier from Sicilia,
Italy, distance 900 km, south. The total echo power of both
transmitters is processed into same 40 Hz virtual
receiver channel.
Observing method: automatic setup using FFTDSP42t software by AF9Y to record
the audio signal. 20 channels of 2 Hz width are used for meteor
identification, with manual interference rejection.
Sampling interval: one 4096 point FFT every 0.5 seconds.

The monthly results showing the total reflective time are now also
available at http://www.qsl.net/oe8fnk this includes now also Es, FAI
and radio fireball statistics, and the original leonids 1999 peak recordings.

The meteor counts below are corrected for a full hour observing time. If the recording duration is 20-40 minutes, a dot is shown after the value, to show the reduced accuracy. Results for less than 20 min. observing time are excluded.

Counts of 0.5 seconds length (shortest period available, assumed to be underdense):

| Jan 2000
UT| 6 7 8 9 10 11 12 13 14 15 16
---+---
0| 248 192 213 228 210 201 271 277 298 269
1| 277 255 265 303 267 253 328 367 385 372
2| 328 272 290 329 281 319 371 376 409 383
3| 331 295 343 305 292 315 387 390 419 379
4| 328 252 292 276 284 304 352 387 353 357
5| 297 239 278 259 246 304 303 352 349 333
6| 285 218 302 263 248 276 299 318 288 320
7| 231 200 237 237 236 259 271 265 245 239
8| 220 203 216 215 197 245 246 219 285
9| 216 182 187 215 187 254 253 277.234
10| 199 218 180 205 172.248 230 245.266 248
11| 172 206 194 181 178 235 237 252 246 277
12| 193 180 185 178 183 203 239 203 221 242
13| 143 166 123 152 151 151 192 186 170 192
14| 115 104 119 102 112 140 129 160 151 148
15| 87 78 99 80 60 91 105 113 90 89
16| 63 55 76 61 61 94 91 100 84 81
17| 44 74 85 69 60 61 85 86 99 103 105
18| 97 88 86 104 84 90 100 100 109 111 117
19| 137 119 104 108 125 118 151 164 162 166 126
20| 165 150 131 161 162 150 177 189 231 180 206
21| 170 170 138 162 175 157 180 216 238 217 231
22| 154 163 164 185 154 195 220 226 260 236 210
23| 200 197 158 185 159 194 226 252 272 239 234
---+---
UT| 6 7 8 9 10 11 12 13 14 15 16
| Jan 2000

| Jan 2000
UT| 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
---+---
0|327 309 291 246 287 258 279 264 208 243 211 247 288 288 250
1|367 320 327 323 323 291 353 304 290 279 275 284 326 291 300
2|382 358 339 401 357 368 363 355 339 307 299 322 360 362 321
3|384 383 377 380 353 361 369 321 354 335 325 320 370 315 322
4|357 347 347 291 312 316 325 309 325 301 347 350 303 314.266
5|310 339 296 277 312 309 355 301 279 298 297 288 320 296 228
6|278 298 274 261 256 320 321 267 285 288 292 289 282 275 266
7|234 244 233 234 278 265 299 261 267 278 275 244 268 272 236
8|230 190 217 219 215 254 225 245 217 240 245 253 245 251
9|243 213 216 229 204 223.223 223 220 253 269 252 248.200 212

```
10|190.217 183 217 208 214 222 209 221 224 221 215 228 214 189
11|204 185.173 194 170 214 230 168.168 204 198 192 205 191 185
12|189. 186 184 145 195 215 202 197 180 173 191 183 158 157
13|159. 157 122 125 154 142 138 127 129 165.153.131 121 130
14|110 108.102 107 101 137 121 93 95 90 125 83 98
15| 90 83 77 64 78 104 97 89 83 98. 82 91 73
16| 82 83 77 77 68 77 78 51 55 59 67 88 65 68 67
17| 74 71 56 92 77 96 90 49 66 82 60 66 82 65 61
18| 75 110 92 105 83.117 94 91 105 109 91 101 94 81
19|114 109 112 142 135.153 163 117 122 112 118 150.152 123 143
20|188 201 160 148 179 205 172 173 164 154 165 197 174 174 194
21|223 231 177 188 224 208 216 180 218 188 211 213 209 214 204
22|205 228 175 199 200 228 235 216 214 189 207 227 224 216 188
23|216 234 202 254 241 232 235 196 209 215 238 221 230 223 207
---+------------------------------------------------------------
UT| 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
| Jan 2000

Propagation overview for January 2000

E : sporadic-E or E-layer propagation
F : FAI (field aligned irregularity)
- : propagation only via meteor echoes.
(blank) : no data available

| Jan 2000
UT| 6 7 8 9101112131415161718192021222324252627282930 31
---+-----------------------------------------------------
0| - - - - - - - - - - - - - - - - - - - - - - - - - - - -
1| - - - - - - - - - - - - - - - - - - - - - - - - - - - -
2| - - - - - - - - - - - - - - - - - - - - - - - - - - - -
3| - - - - - - - - - - - - - - - - - - - - - - - - - - - -
4| - - - - - - - - - - - - - - - - - - - - - - - - - - - -
5| - - - - - - - - - - - - - - - - - - - - - - - - - - - -
6| - - - - - - - - - - - - - - - - - - - - - - - - - - - -
7| - - - - - - - E - - - - - - - - - - - - - - - - - - - -
8| - - - - - - - E E - - - - - - - - - - - - - - - - - - -
9| - - - - - - - E - - - - - - - - - - - - - - - - - - - -
10| - - - - E - - E E - E E - - - - - - - - - - - - - - - -
11| - - - - E - - - - E E E - - - - - - - - - - - - - - - -
12| - - - - - - - - - - E E - - - - - - - - - - - - - - - -
13| - - - - - - - - - - E E - - - - - - - - - E - - - - - -
14| - - - - - - - - - - E - - - - - - - - - - E - - - - - -
15| - - - - - - - - - - - - - - - - - - - - - - - - - - - -
16| - - - - - - - - - - - - - - - - - - - - - - - - - - - -
17| - - - - - - - - - - - - - - - - - - - - - - - - - - - -
18| - - - - - - - - - - - - - - - - F - - - - - - - - - - -
19| - - - - - - - - - - - - - - - - F - - - - - - F - - - -
20| - - - - - - - - - - - - - - - - - - - - - - - F F - - -
21| - - - - - - - - - - - - - - - - - - - - - - - - - - - -
22| - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

```
23| - - - - - - - - - - - - - - - - - - - - - - - - - - - -
---+-------------------------------------------------
UT| 6 7 8 9101112131415161718192021222324252627282930 31
| Jan 2000
```

Notes:
. did not record during the Quadrantids, too much Y2K stuff.
. there was an outburst of underdense meteors, from Jan 13 to Jan 20 in the morning hours, every day at 01-03h UT, which shows up only on the "underdense" statistic, not on overdense of "% of total reflection time". See graph at: http://www.qsl.net/oe8fnk/obs2000.htm

. local time conversion: 1 hour ahead of UT (6h local = 5 h UT).

Werfried Kuneth

Observers: Del Dobberpuhl, John Meyer, Jack Meyer
Location: Van Andel Creation Research Center, Chino Valley, AZ. USA. 34 50' 50" N, 112 29' 50" W. Elevation 1347 meters above sea level. Frequencies: 88.5, 88.9, and 89.7 MHz for signal FM receivers; 87.9 MHz (currently an unused frequency) for noise FM receiver.
Transmitter Locations: Many possibilities including: El Paso, TX; Mesquite, TX; Commerce, TX; Abilene, TX; Farmington, NM; Colorado Springs, CO.
Antenna: dipole housed in corner reflector built from wire screen. Open end of reflector tilted at about 65 degrees above horizon and facing due east.
Antenna Pre-amplifier: 27 dB gain.
Coax Cable: 152 meters of RG-8
Receiver inputs: Four-way splitter with outputs to each receiver
Receivers: Four OPTIMUS STA-80 FM receivers modified to 10KHz band width using IF amplifiers with 80 dB dynamic range signal strength output voltages.
Data Acquisition: DATAQ type DI-190, 2-channel module connected to computer serial input port. Acquisition rate is 40 samples per second for each channel. Channel one is the combined peak signal amplitudes from the three signal receivers. Channel 2 is the signal amplitude from the noise receiver. Data are reported only when signal strength at the antenna exceeds -124 dBm. Storage continues for one second after signal drops below -124 dBm.
Interference Rejection: Data storage is inhibited if interference at the noise receiver's frequency exceeds -122 dBm at the antenna. Inhibiting continues for one second after noise level drops back below -122 dBm.
Data Reduction: Mostly automated computerized reduction.
Data Format: Results are shown as total seconds of reflection time per hour. When no figure is shown, the equipment was either out of service or results could have been contaminated by sporadic-E or interference. Data are in comma delimited ASCII.

For further technical information contact Del Dobberpuhl or John Meyer at crsvarc@primenet.com

STARDUST RADIO-METEOR OBSERVATORY data for February 2000

Reflection time (seconds) per hour

| Feb 2000
UT | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
---+--
7h| 6 10 12 12 10 11 15 14 7 14 10 8 7 8 7 10
8 | 12 14 12 15 15 12 10 12 15 16 10 17 8 13 10 16
9 | 14 14 22 24 15 14 13 17 13 17 13 18 15 14 21 12
10 | 14 19 25 23 14 13 13 10 12 12 14 12 15 9 11 16
11 | 17 19 20 23 20 18 21 13 16 13 15 11 13 15 14 14
12 | 13 18 20 18 16 18 18 21 19 16 18 15 15 14 14 13
13 | 16 19 19 17 19 14 25 21 19 18 20 14 14 15 16 18
14 | 10 23 14 20 16 17 30 35 13 15 22 14 18 15 18 18
15 | 14 12 13 21 17 20 12 17 9 13 24 19 10 11 14 16
16 | 13 21 22 22 12 15 15 16 16 17 11 14 9 16 14 11
17 | 13 19 17 17 12 17 11 18 14 14 14 16 27 11 14 13
18 | 14 15 17 17 16 13 10 29 18 15 10 11 20 15 10 13
19 | 13 14 16 11 14 11 12 17 10 14 12 13 11 9 8 13
20 | 12 9 10 13 10 8 12 13 12 11 8 18 19 10 9 15
21 | 9 10 13 8 6 6 5 6 12 8 7 13 9 11 7 12
22 | 10 8 7 7 5 5 9 4 6 4 5 10 5 4 7 6
23 | 4 4 5 3 4 7 2 3 7 5 5 6 8 18 4 4
0 | 5 4 6 4 4 3 5 3 5 5 6 3 3 6 2 3
1 | 5 5 5 3 6 4 4 5 5 7 5 7 8 3 3 4
2 | 5 5 8 6 5 5 8 3 3 5 6 5 2 5 4 9
3 | 7 10 8 6 4 9 6 5 5 7 8 6 5 4 6 6
4 | 11 9 6 5 7 10 6 7 7 9 7 4 4 6 7 7
5 | 7 8 10 9 7 11 6 6 7 6 8 5 5 6 5 9
6 | 12 14 10 8 8 9 6 7 6 8 4 7 5 5 7 5
---+--
UT | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
| Feb 2000

| Feb 2000
UT | 17 18 19 20 21 22 23 24 26 26 27 28 29
---+---
7h| 8 7 9 7 11 9 13 8 7 11 15 12
8 | 9 11 10 13 12 9 30 13 9 6 12 12
9 | 10 14 16 10 13 17 12 16 15 12 15 16
10 | 13 17 11 14 13 17 18 11 14 14 15 13
11 | 16 16 12 15 10 17 14 17 17 14 10 17
12 | 18 24 18 23 23 17 15 15 6 15 15 19
13 | 15 18 18 13 21 16 10 13 10 16 14 14
14 | 15 14 18 16 19 8 11 14 8 16 19 13
15 | 31 18 15 19 23 16 12 15 30 16 12 17
16 | 21 14 9 26 18 14 17 17 17 17 28 14
17 | 20 31 13 30 10 15 19 15 19 12 13 23 30

```
18 | 17 10 15 21 13 11 14 12 16 11 7 18
19 | 15 12 14 20 11 16 10 17 19 10 11 22
20 | 17 14 19 17 10 8 14 15 11 14 12 14
21 | 7 5 6 15 7 5 10 10 11 6 10 10 3
22 | 7 6 5 6 10 9 6 6 4 3 8 7
23 | 5 4 4 3 5 4 7 6 4 5 10 12
0 | 6 4 3 4 4 8 4 2 3 5 8 5
1 | 8 5 3 4 4 4 4 4 4 3 3 5
2 | 5 9 4 5 8 5 4 3 4 5 4 6
3 | 6 3 5 6 4 5 3 5 5 8 9 7
4 | 7 10 7 7 6 4 3 4 4 4 7 5
5 | 7 6 7 7 4 6 7 7 11 7 11 11
6 | 5 10 7 10 6 8 8 7 7 8 7 9
---+-------------------------------------------------
UT | 17 18 19 20 21 22 23 24 26 26 27 28 29
| Feb 2000
```

Del Dobberpuhl, John Meyer, Jack Meyer

Observer: R.B. Minton
Location: Raton, NM (104 26' W, 36 54' N, 2000 m above sea level)
Frequency: 92.9 MHz
Transmitters: KTZA FM 100 kW, Artesia NM, dist 444 km, geogr azim 178 deg
KSPZ FM 53 kW, Color. Springs, dist 217 km, geogr azim 352 deg
KYBR FM ? kW, Espanola NM, dist 180 km, geogr azim 236 deg
???? FM ? kW, Juarez Mexico, dist 579 km, geogr azim 198 deg
KWFM FM 90 kW, Tucson AZ, dist 798 km, geogr azim 233 deg
Antenna: folded dipole, on 6.3 m high mast, oriented N-S
Receiver: Subaru 12 V DC car radio with digital tuning
Observing method: conditioned audio input in the game port of an IBM 386 SX-50 PC, 128 samples/second, DOS/Basic software, automatic

Total hourly counts

February 2000

```
Feb| UT
2000| 0h 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23
----+------------------------------------------------------------------------
1 | 4 3 0 0 3 7 4 2 3 4 3 1 6 1 2 11 9 11 14 7 4 5 4 6
2 | 0 1 7 2 5 8 4 2 2 3 4 3 3 6 4 3 15 4 9 7 4 4 12 3
3 | 0 0 4 5 6 6 2 1 4 5 4 6 7 3 3 9 11 13 10 12 5 8 10 7
4 | 13 7 11 9 10 9 4 7 7 3 4 5 7 4 7 1 17 9 11 6 5 4 11 22
5 | 16 4 3 0 0 0 1 2 2 7 4 3 3 5 2 3 0 20 7 3 6 2 4 6
6 | 3 5 7 4 4 3 4 4 4 6 3 2 2 4 3 7 10 9 13 9 3 6 6 6
7 | 4 8 13 5 9 2 7 9 5 8 2 4 5 2 9 1 10 17 21 5 6 3 7 7
8 | 4 5 13 10 3 3 4 6 4 8 8 2 5 5 9 6 19 19 11 9 7 2 5 8
9 | 9 16 11 13 7 8 2 3 3 4 5 11 6 11 4 10 19 11 13 5 6 2 5 4
10 | 13 2 5 6 6 8 3 4 2 3 10 6 10 4 2 9 17 12 17 7 12 13 24 4
11 | 7 2 2 7 3 1 1 2 4 1 4 5 3 1 8 9 11 24 6 5 8 4 6 1
12 | 0 2 5 10 8 8 9 6 5 1 2 3 2 10 0 0 8 3 9 10 8 11 7 8
```

```
13 | 9 3 13 7 3 5 5 4 4 6 5 4 3 3 3 3 5 16 15 8 9 2 7 7
14 | 17 19 8 5 6 4 4 4 7 2 1 2 2 11 5 6 11 3 1 4 4 5 6 5
15 | 3 0 0 4 9 6 2 5 3 1 4 8 3 1 2 12 12 11 12 6 8 3 7 8
16 | 4 4 7 7 7 6 5 2 6 7 8 2 3 5 3 6 12 15 15 7 5 0 1 1
17 | 0 1 0 0 4 4 6 4 4 5 4 2 5 5 13 9 13 7 6 9 3 9 5 2
18 | 3 3 0 2 5 14 5 3 6 2 4 6 4 4 3 4 5 6 10 8 6 6 10 10
19 | 8 9 6 3 12 14 3 3 11 8 3 2 6 5 6 5 14 8 14 10 10 1 0 0
20 | 1 2 1 0 1 0 0 0 1 0 0 1 2 3 0 0 2 13 15 9 5 3 4 7
21 | 4 10 8 6 5 4 1 3 4 3 3 1 7 3 7 2 14 12 14 7 3 6 5 9
22 | 2 0 12 2 6 3 9 6 8 1 3 2 4 4 3 1 5 2 5 6 8 8 2 4
23 | 8 3 6 6 7 8 1 11 7 5 12 4 4 6 3 4 22 22 12 20 10 6 6 12
24 | 3 2 7 5 0 3 8 3 6 2 10 9 3 3 7 8 14 7 2 5 1 0 1 0
25 | 2 3 5 4 4 5 3 6 1 2 6 7 7 0 2 0 11 5 4 3 5 6 0 1
26 | 2 10 7 15 9 14 6 4 7 7 1 5 2 3 0 1 12 13 20 8 0 1 6 9
27 | 8 5 10 7 4 3 3 3 8 5 5 4 5 4 8 10 7 20 17 9 3 6 9 11
28 | 7 4 10 2 7 3 5 1 6 3 0 6 3 6 3 10 13 16 12 10 8 14 6 15
29 | 13 12 17 7 4 1 1 0 5 3 4 6 5 5 8 12 26 16 6 12 7 3 13 14
----+--------------------------------------------------------------------------
2000| 0h 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23
Feb| UT
```

Signal duration distribution for the above period

Duration (s)	Number
< 0.1	1335
0.1 to 0.3	1016
0.3 to 1	845
1 to 3	700
3 to 10	285
10 to 30	10
> 30	0

R.B. Minton

Observer: Sadao Okamoto
Location: Damine Meteor Observatory, Japan (137.53 E, 35.07 N)
Transmitter: HAM beacon (JA9YDB) for RMO (50 W CW, 53.7500 MHz) by
JA9BOH Kimio Maegawa. No modulation except for identification.
Antenna: 2 element Cross Yagi 4 dBi aiming to Zenith. Omni-directional
in azimuth and elevation above 15 deg elevation.
Location: Fukui-NCT at Sabae city (136.2 E, 35.9 N)
At present time about 10 observers are listing for
Kimio Maegawa's 53.75 MHz beacon.
Receiver: IC575
Antenna: 2 element Yagi, pointed to the zenith.
Observing method: FFTDSP software, manual count.

Hourly echoes over 10 dB SNR

```
2000
Mar|00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23LT
Mar|15 16 17 18 19 20 21 22 23 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14UT
```

```
---+--------------------------------------------------------------------
1 |30 33 42 47 41 31 41 37@35 11 n n n n n n n 4 3 3 12 38 33 30
2 |40 46 33 36 32 36 45 37@23@14 n n n n n n 4 9 9 10 23 n 19 15
3 |26 38 36 22 49 36 37 35@17 n 13 8 n n n n 6 @5 6 10 24 n@36@35
4 |28 45 39 41 37 44 33 37@55 26 30 28 22 16 26 @6 @9 8 5 12 11 17 28 36
5 |30 30 36 35 35 35 36 21@39 32@24 n n n@12 7 3 3 3 e e e@24 e
6 | e 31 27 25 32 19 22 17@12 25 n n n n n n n n n 8 12 38 22 32
7 |34 35 33 39 37 23 38 47@30@24 n 10@14@12 10 7 5 2 10 12 6 22 25 43
8 |32 40 34 21 36 33 42 28 26 30 11 17 15 19 n @6 6 3 3 1 18 24 29 25
9 |32 26 34 35 36 41 31 39@54 37 31 26 13 12 @7 11 1 2 7 6 17 14 24 31
10 |25 27 29 49 36 34 46 24@11 11 11 n n n n n n 7 6 3 8 18 21 28
11 |44 30 32 30 20 34 36 44@26 21 23@19 9@13 n n 4 n 7 6 19 16 41 46
12 |39 36 55 40 41 48 43 47@48@34 -- 23 15 n n n n 3 6 7 7 31 41 42
13 |31 36 28 42 40 34 34 41@40 15 20 15 17 15 8 n @3 3 9 11 16 n n e
14 |23 29 28 24 47 27 38 29@39@18 n@12 n n n n n n 4 9 16@28 e@15
15 |30 26 35 29 30 42 40 32@23 n@16 n n n n n n n n n 11 23 16 20
16 |35 35 34 40 39 34 43 45@35 21 28 13 19 25 16 7 8 6 12 4 11 14 12 19
17 |11 16 15 11 23 21 19 28@38 35 29 10 8 n n n @3 @3 4 7 6 16 19 34
18 |37 36 37 38 46 39 31 26@15 n n n n n n n n n 6 3 19 14 21 41
19 |32 31 43 35 35 31 33 34@27 -- n 6 4 10 12 12 10 10 7 9 8 31 41 52
20 |48 38 24 25 21 31 22 13@24 19 n n n n n n n n 2 5 7 14 19 17
21 |24 29 39 26 35 34 35 37@32 17 20 18 14 10 12 @6 @3 n 3 6 15 18 34 31
22 |42 37 34 26 33 27 13 12 n n n n n n n n n n n 4 7 12 17 29
23 |27 32 41 38 37 34 31 44@47 23 27 15 12 14 11 6 7 4@10 n n@18 31 e
24 | e@31 36 33 35 38 42 25@19 32 31 n 13 25 n 12 9 5 9 3 11 13 n n
25 |33 34 31 49 42 51 55 26@36 23 29 23 24 16 n 9 8 12 10 7 15 21 19 21
26 | e e 31 34 33 37 32 27@42 21@18 22 19 n n n n 5 7 2 7 n n 10
27 |14 22 45 37 41 48 36 21@14 n n n n n n n n n 10 5 18 17 n e
28 | e e 3 40 30 26 48 44@36 32 26 34 20 19 16 11 12 8 11 2 24 21 e e
29 | e 22 29 24 41 37 53 34@24@29 n 17 16 10 10 7 8 4 2 9@12 e e e
30 | e 26 36 37 30 32 48 32 n n n n n n n n n 4 8 7 14 18 15 24
31 |32 33 34 38 37 27 35 20@27 n 21 16 n n 9 18 8 7 6 9 12 24 n 30
---+--------------------------------------------------------------------
Mar|15 16 17 18 19 20 21 22 23 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14UT
Mar|00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23LT
2000

Echoes with duration > 5 s
2000
Mar|00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23LT
Mar|15 16 17 18 19 20 21 22 23 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14UT
--+--------------------------------------------------------------------
1 | 1 2 1 4 3 5 5 1 1 3
2 | 1 1 1 1 3 1 2 1 2
3 | 1 2 2 2 1 6 3 1 2 1
4 | 1 1 5 4 3 5 6 4 7 1 1 2 2 2 2 2
5 | 2 2 1 3 2 3 1 1 2 1
6 | 1 1 1 1 1 2 1 1
7 | 3 3 2 5 2 1 1 1 4
8 | 1 1 1 4 3 5 1 2 1 1 2 1
```

```
9 | 1 1 1 1 2 3 2 3 2 1 1 1 2
10 | 2 1 4 3 2 2 1
11 | 3 2 1 1 1 2 3 1 1 1
12 | 1 4 1 1 2 3 3 3 1 1 1 1
13 | 1 1 1 2 1 1 2 2 1
14 | 1 2 3 4 3 1 7 2 1
15 | 1 1 1 1 2 4 1 1
16 | 1 2 1 7 2 2 1 2 2 1 1 1 1
17 | 1 1 2 4 2 1 1 1
18 | 2 1 1 1 1 1 1
19 | 3 2 1 2 3 2 1 1 1 1 1
20 | 2 2 1 2 3 1 1 2 3 1
21 | 1 2 2 1 3 6 3 3 1 1 1 1
22 | 1 3 1 1 1
23 | 2 2 2 3 3 1 1 2 1 2
24 | 2 1 1 5 5 1 2 1 1
25 | 1 1 1 2 3 1 1 1 1
26 | 2 7 1 1 1 1
27 | 2 1 1 1 3 1
28 | 1 3 1 1 1 2 1 1
29 | 2 2 1 3 1 1 1
30 | 1 1 2 3
31 | 1 3 1 2 1 1 1 1
---+-------------------------------------------------------------------------
Mar|15 16 17 18 19 20 21 22 23 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14UT
Mar|00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23LT
2000

Daily rate of long echoes (duration > 20 s)

2000
Mar 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
-----------------------------------------------------------------
Count 0 0 1 3 1 0 1 2 0 0 2 0 2 2 1 0

Mar 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
--------------------------------------------------------------
Count 0 0 1 1 0 0 2 1 1 1 0 0 0 1 1

Notes:
-: lost counts because of high noise level or machine failure.
@: hourly rate estimated by effective observation time less than 60 min.
n: contamination due to radio noise or interference.
e: contamination due to sporadic E opening.
f: no data available due to TX or RX failure.
LT = local time = JST = UT + 9 hours

Sadao Okamoto

-------------------------------------------------------------------------
Observer: Pierre Terrier
Location: Canet, France (3 36'E, 43 41' N)
```

Frequencies: 93.8 MHz
Transmitter Location:
93.8 France Musique Eyne (66) public service
93.8 France Musique Osseja (66) public service
93.8 France Culture Port Vendres (66) public service
93.8 France Musique Font-Romeu (66) public service
93.8 BFM Marseille (13)
Antenna: 6-element Yagi FM, horizontal polar.
azimuth 0 deg (N-S), elevation 90 deg. (zenith)
Receiver: Tuner FM Continental Edison digital synthesiser TU 9945
Observing method: Electronic interface on LINE output audio signal are fed in
COM1: of PC IBM 386 25 MHz.
METEOR v 4.0 test version processes the signal and records on
hard disk the time of the events.
METEOR parameters: SAMPLING = 120, THRESHOLD = 0.8, DELAY = 30 s

| Mar 2000
UT | 1 2 14 15
---+-------------------
0 | 9 4 9 5
1 | 4 9 6 6
2 | 9 3 10 6
3 | 4 5 11 8
4 | 7 11 9 12
5 | 12 1 6 6
6 | 15 3 3 5
7 | 13 5 11 11
8 | 11 5 17 25
9 | 9 7 9 12
10 | 6 9 7 18
11 | 12 6 3 10
12 | 4 5 8 13
13 | 6 4 6 19
14 | 5 2 4 4
15 | 3 5 7 6
16 | 2 3 7 10
17 | 2 4 4 5
18 | 3 2 0 3
19 | 1 4 1 4
20 | 6 3 8 13
21 | 5 1 10
22 | 2 2 7
23 | 7 2 8
---+-------------------
UT | 1 2 14 15
| Mar 2000

| Mar 2000
UT | 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
---+--
0 | 12 12 6 6 34 8 12 6 7 14 8 13 6 6 13 12

```
1 | 7 8 9 10 71 9 6 5 9 13 9 6 6 3 7 11
2 | 9 11 13 6 33 7 10 6 21 19 7 7 12 12 5 15
3 | 10 8 7 13 18 11 6 9 12 17 8 13 11 3 10 8
4 | 13 12 12 8 15 7 10 8 10 9 16 12 10 10 8 10
5 | 11 15 7 3 12 6 10 6 17 15 14 14 8 8 9 8
6 | 8 11 10 9 12 12 11 11 18 19 12 12 11 13 12 15
7 | 5 11 13 12 10 23 12 8 17 14 9 12 16 20 15 13
8 | 13 14 6 8 14 17 7 14 16 20 15 20 13 15 13 24
9 | 18 12 17 8 8 17 13 10 19 17 18 18 15 14 19 14
10 | 12 10 21 15 14 17 15 21 18 9 25 20 21 9 16 14
11 | 15 14 9 18 8 17 7 14 30 9 15 12 14 7 14 6
12 | 11 13 6 8 14 15 13 3 14 14 23 10 13 13 23 8
13 | 7 9 5 4 5 16 19 4 13 9 4 10 8 4 7 4
14 | 9 8 6 5 6 8 8 6 10 9 6 8 11 15 11 7
15 | 3 4 6 2 3 9 5 5 16 9 8 15 5 7 8 5
16 | 2 3 8 8 4 7 7 8 10 7 5 7 8 9 3 16
17 | 8 4 3 6 6 19 3 3 8 2 9 7 3 3 8 6
18 | 1 16 4 4 1 13 4 3 9 6 6 5 6 6 41 6
19 | 9 6 6 9 3 14 4 4 2 9 8 2 5 6 31 11
20 | 6 9 8 12 6 13 8 10 7 2 6 6 4 7 15 11
21 | 2 8 6 20 8 46 0 4 4 2 6 9 7 6 4 13
22 | 6 6 9 23 7 26 25 7 11 3 6 11 5 3 12 10
23 | 5 5 6 39 2 12 5 8 13 2 9 9 5 8 11 12
---+------------------------------------------------------------
UT | 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
| Mar 2000
```

Pierre Terrier

```
Observer: Garfield Tsao (BM2EQB)
Location: LonTan Observatory
LonTan, TauYan, Taiwan R.O.C. (121 14'37" E, 24 52'54" N by GPS)
Frequency: 50.0169 MHz USB mode 3 kHz width.
Antenna: Comet made 50 MHz Yagi HB 4 element (gain 10.3 dBi)
astronomical azimuth 225 deg (=NE), elevation 7 deg.
Transmitter: MIYAZAKI University Japan, USB mode, 50 W (24 hours),
distance about 1125 km from Lon Tan.
Receiver: Icon PCR-1000 computer controlled all band receiver
Sensitivity: 0.25 uV for 10 dB S/N for USB mode
Observing method: the beacon 880 Hz voice signal (by FFTDSP) is
received by a low frequency filter (880 Hz)and fed into
the D/A converter and computer in real time.
Data sampling system: using an 8 bits A/D card to PC/AT and Qbasic program
with 1/8 second sampling interval to store the> 1.0 s reflections.
```

February 2000

```
2000|00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23LT
Feb|16 17 18 19 20 21 22 23 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15UT
----+------------------------------------------------------------------------
```

```
6 | - - - - - - - - - - - - - 26 20 10 12 8 7 9 9 4 25 18 14
7 |16 12 9 17 23 20 29 32 30 59 58 87 N N N N 9 32 35 22 20 23 E E
8 |30 30 37 47 38 45 42 46 39 34 - - - - - - - - - - - - - - -
12 | - - - - - - - - - - - - - - - - E E 10 26 17 21 13 16 15
13 |22 29 30 35 33 34 31 19 34 45 32 37 56 33 22 - - - - - - - - -
-------------------------------------------------------------------------------
20 | - - - - - - - - - - - - - - - - - - 10 13 9 18 24 25 16
21 |18 20 38 37 48 32 38 31 37 49 43 33 34 24 - - - - - - - - - -
26 | - - - - - - - - - - - - - - - - - - 11 7 6 6 12 12 13 12 14
27 |12 10 21 11 16 13 12 19 13 24 16 15 9 12 - - - - - - - - - -

March 2000

2000|00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23LT
Mar|16 17 18 19 20 21 22 23 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15UT
-------------------------------------------------------------------------------
4 | - - - - - - - - - - - - - - - - - - - - - N 25 19 29
5 |27 20 21 16 24 25 31 31 28 42 48 37 30 26 - - - - - - - - - -
12 | - - - - - - - - - - - - - - - - - - 15 18 11 11 E E 25 35 34 33
13 |20 22 20 35 49 44 58 83 60 65 38 39 24 16 - - - - - - - - - -
-------------------------------------------------------------------------------
18 | - - - - - - - - - - - - - - - - - - 15 11 8 10 10 12 26 32 30 25
19 |14 16 26 23 24 30 21 26 29 40 27 12 19 12 13 - - - - - - - - -

Notes:
. "E" symbol means weak E layer
. "N" symbol means background noise affected the normal echoes
. list of long and strong echoes (local time)

echo
Feb 6 18h35m > 20 dBi
Feb 7 09h09m > 20 dBi
10h04m > 20 dBi
10h11m > 20 dBi
Feb 7 20h07m > 20 dBi
21h12m > 20 dBi
23h30m > 25 dBi
Feb 8 01h53m > 25 dBi
02h48m > 25 dBi
03h05m > 20 dBi
03h10m > 20 dBi
06h46m > 20 dBi
07h25m > 60 s
09h17m > 20 dBi
Feb 13 03h18m > 20 dBi
04h55m > 60 s
11h10m > 20 dBi
Feb 21 04h02m > 25 dBi
09h13m > 60 s
09h38m > 20 dBi
11h14m > 60 s
```

13h24m > 60 s
Feb 27 05h46m > 90 s

Mar 5 01h37m > 20 dBi
01h39m > 20 dBi
05h47m > 60 s
06h54m > 60 s
13h12m > 60 s
12h38m > 20 dBi
Mar 12 01h16m > 15 dBi
03h24m > 20 dBi
04h37m > 20 dBi
05h20m > 60 s
06h38m > 30 dBi (very strong echo)
07h30m > 60 s
08h25m > 20 dBi
08h28m > 30 dBi (very strong echo)
09h44m > 60 s
11h39m > 20 dBi
Mar 18 17h53m > 20 dBi
20h43m > 20 dBi
21h36m > 20 dBi
22h00m > 20 dBi
22h20m > 20 dBi
23h08m > 20 dBi
Mar 19 04h19m > 20 dBi
07h29m > 120 s (very long echo)
10h04m > 20 dBi (lasting 30 s)
14h48m > 20 dBi

Garfield Tsao

2. ABOUT THE RMOB

The RMOB is an independent initiative of some workers in the field of radio meteor scatter observations and data reduction. It started in August 1993 in order to spread rapidly the Perseid results via E-mail. Since then, it has appeared monthly, and it has gradually been expanded. In regularly publishing summaries of observations, potential radio observers are kept up to date of existing installations, possibilities and limitations of radio meteor observations. In the long run, there should be sufficient observing stations to cover the whole globe, allowing to detect stream outbursts which may remain unnoticed visually.

RMOB contains typically: summaries of recent observations, equipment data, first results of stream activity by radio methods, relations between radio and optical meteors, references to other publications in the field of meteor astronomy and radio scatter techniques, announcements of meetings, short questions and answers, non-commercial (second hand) sale of radio equipment, available software.

Contributors are mentioned, and interested persons are asked to contact them directly.

RMOB can be copied freely in unabridged and unmodified form. Extracts should indicate the source (Radio Meteor Obs Bulletin, month and year).

If you want to subscribe (or un-subscribe) to the E-mail distribution list, please send a message to C. Steyaert.
Those not having access to E-mail can obtain a printed copy free of charge from J. Van Wassenhove (current or back-issues).

3. ANNOUNCEMENT: METEOR mailing list in English

Welcome to a Meteor & Colorgramme software users list !
This list is in English only.

You can post messages to its members via e-mail at:

meteorv4@egroups.com

You can also read and post group messages on the Web:

http://www.egroups.com/list/meteorv4

Pierre Terrier

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E-mail: 100101.734@compuserve.com

--
Christian Steyaert (RMOB0003) 10 April 2000
--

1055. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-04-10 00:00:00 UTC
From: John Porter <oceans1@nccoast.net>
Message-ID: <SJsI4.34$Yk1.445@reader1.interactive.net>
Source record: 9689
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.shortwave

Good grief - how long will this completely worn out thread and topic go on?

JP

Jeffrey Herman <jeffreyh@Hawaii.Edu> wrote in message
news:8c0iqn$p5e$1@news.hawaii.edu...
> Wayne Woodhams <wwoodhamsNOwwSPAM@vcnet.com.invalid> wrote:
> > But unless
> >something had massively changed in the hobby, it was doomed to go down
> >the tubes.
>
> Your prediction is older than you are: In "...1922 many radio
> magazines which had catered to the transmitting amateur swung away
> from him, one even so far as to run an editorial ... prophesying the
> end of amateur radio." (From Fifty Years of ARRL.)
>
> 73, Jeff KH6O

1056. Mir

Newsgroup: rec.radio.amateur.space
Date: 2000-04-10 00:00:00 UTC
From: "Jim Shaffer, Jr." <jshaffer@mail.csrlink.net>
Message-ID: <j7r4fs0777a20lu2heu48sem6ptfebckv7@4ax.com>
Source record: 9690

Has anyone heard of any plans to resume transmissions from Mir?

--
"Alan Turing predicted that the idea of machines thinking would be routine
by the end of the century. The very second that time ran out for his prediction
was the second that computers were set to demonstrate their complete stupidity
because they couldn't add up dates." --Stephen Grand

1057. FS Timestep HRPT system

Newsgroup: rec.radio.amateur.space
Date: 2000-04-11 00:00:00 UTC
From: Jeff Kelly <jkelly@bellatlantic.net>
Message-ID: <wVLI4.930$X56.39798@typhoon1.gnilink.net>
Source record: 9599

I am upgrading to the new USB system and am
selling my older original HRPT system. This
includes the receiver, original John Dubois card,
cable, and windows software/dongle.

Best offer.

Jeff Kelly
KT2K
jkelly@bellatlantic.net

1058. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-04-11 00:00:00 UTC
From: J Peitsch <jpeitsch@concentric.net>
Message-ID: <8d0603$fl1@chronicle.concentric.net>
Source record: 9600
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.shortwave

Hey, can I sound like an old fart for a minute? Weellllll ya know I passed my 13WPM at the FCC office at Atlanta back in 70 and passed my 20 in 87 now all I need is 5wpm and wished it had been that way back in 70. Finially, the FCC has got something close to being correct.

Mike Yetsko wrote in message
<5dKI4.17931$y4.625690@newsread1.prod.itd.earthlink.net>...
>Hey, get in line after me!!!
>
>Mike
>
>J Peitsch <jpeitsch@concentric.net> wrote in message
>news:8cvddb$9m2@journal.concentric.net...
>> Send me your radios also. you will have no need for them.
>>
>>
>> Mike Yetsko wrote in message ...
>> >Hey, let's keep this alive!!!
>> >
>> >It's only 4 days now and counting...
>> >
>> >Will the original poster please post proof of his turning in his
>> >VE badge?
>> >
>> >Mike
>> >
>> >
>> >Jeffrey Herman <jeffreyh@Hawaii.Edu> wrote in message
>> >news:8ctuvv$gi4$1@news.hawaii.edu...
>> >> John Porter <oceans1@nccoast.net> wrote:
>> >> >Good grief - how long will this completely worn out thread and
>topic
>> >go on?
>> >>
>> >> As long as folks like yourself continue to post follow-ups to it.
>> >>
>> >>
>> >> >Jeffrey Herman <jeffreyh@Hawaii.Edu> wrote in message
>> >> >news:8c0iqn$p5e$1@news.hawaii.edu...
>> >> >> Wayne Woodhams <wwoodhamsNOwwSPAM@vcnet.com.invalid> wrote:
>> >> >> > But unless
>> >> >> >something had massively changed in the hobby, it was doomed to
>go

>> >down
>> >> >> >the tubes.
>> >> >>
>> >> >> Your prediction is older than you are: In "...1922 many radio
>> >> >> magazines which had catered to the transmitting amateur swung
>away
>> >> >> from him, one even so far as to run an editorial ... prophesying
>> >the
>> >> >> end of amateur radio." (From Fifty Years of ARRL.)
>> >> >>
>> >> >> 73, Jeff KH6O
>> >> >
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>>
>
>

1059. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-04-11 00:00:00 UTC
From: Glen Quarnstrom <glenq@cyberhighway.net>
Message-ID: <1cr7fs8tpnhdvvi68pqtp1s455m5ahdc2u@4ax.com>
Source record: 9601
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.shortwave

wa2ise@netcom.com (Robert Casey) wrote:

>In article <SJsI4.34$Yk1.445@reader1.interactive.net>,
>John Porter <oceans1@nccoast.net> wrote:
>>Good grief - how long will this completely worn out thread and topic go on?
>>
>Until April 15th. :-)

Of 2025.
--
glenq@cyberhighway.net
WB7DOW

http://www.cyberhighway.net/~glenq/

1060. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-04-11 00:00:00 UTC
From: jeffreyh@Hawaii.Edu
Message-ID: <8ctuvv$gi4$1@news.hawaii.edu>
Source record: 9691
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.shortwave

John Porter <oceans1@nccoast.net> wrote:
>Good grief - how long will this completely worn out thread and topic go on?

As long as folks like yourself continue to post follow-ups to it.

>Jeffrey Herman <jeffreyh@Hawaii.Edu> wrote in message
>news:8c0iqn$p5e$1@news.hawaii.edu...
>> Wayne Woodhams <wwoodhamsNOwwSPAM@vcnet.com.invalid> wrote:
>> > But unless
>> >something had massively changed in the hobby, it was doomed to go down
>> >the tubes.
>>
>> Your prediction is older than you are: In "...1922 many radio
>> magazines which had catered to the transmitting amateur swung away
>> from him, one even so far as to run an editorial ... prophesying the
>> end of amateur radio." (From Fifty Years of ARRL.)
>>
>> 73, Jeff KH6O
>
>

1061. Re: Mir

Newsgroup: rec.radio.amateur.space
Date: 2000-04-11 00:00:00 UTC
From: TomR@astro.net
Message-ID: <38f28713.128419353@news.idsi.net>
Source record: 9692

On Mon, 10 Apr 2000 20:32:55 -0400, "Jim Shaffer, Jr."
<jshaffer@mail.csrlink.net> wrote:

>Has anyone heard of any plans to resume transmissions from Mir?

Not yet, but a newer crew is going up in Spetember as well. So we
may hear them again. Remember, this crew has to find and fix the air
leak first..

73,
Tom - KB2SMS

1062. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-04-11 00:00:00 UTC
From: Mike Yetsko <joe@user.com>
Message-ID: <h5FI4.6786$q67.194621@newsread2.prod.itd.earthlink.net>
Source record: 9693
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.shortwave

Hey, let's keep this alive!!!

It's only 4 days now and counting...

Will the original poster please post proof of his turning in his
VE badge?

Mike

Jeffrey Herman <jeffreyh@Hawaii.Edu> wrote in message
news:8ctuvv$gi4$1@news.hawaii.edu...
> John Porter <oceans1@nccoast.net> wrote:
> >Good grief - how long will this completely worn out thread and topic
go on?
>
> As long as folks like yourself continue to post follow-ups to it.
>
>
> >Jeffrey Herman <jeffreyh@Hawaii.Edu> wrote in message
> >news:8c0iqn$p5e$1@news.hawaii.edu...
> >> Wayne Woodhams <wwoodhamsNOwwSPAM@vcnet.com.invalid> wrote:
> >> > But unless
> >> >something had massively changed in the hobby, it was doomed to go
down
> >> >the tubes.
> >>
> >> Your prediction is older than you are: In "...1922 many radio
> >> magazines which had catered to the transmitting amateur swung away
> >> from him, one even so far as to run an editorial ... prophesying
the
> >> end of amateur radio." (From Fifty Years of ARRL.)
> >>
> >> 73, Jeff KH6O
> >
> >
>
>
>

1063. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-04-11 00:00:00 UTC
From: J Peitsch <jpeitsch@concentric.net>
Message-ID: <8cvddb$9m2@journal.concentric.net>
Source record: 9694
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.shortwave

Send me your radios also. you will have no need for them.

Mike Yetsko wrote in message ...
>Hey, let's keep this alive!!!
>
>It's only 4 days now and counting...
>
>Will the original poster please post proof of his turning in his
>VE badge?
>
>Mike
>
>
>Jeffrey Herman <jeffreyh@Hawaii.Edu> wrote in message
>news:8ctuvv$gi4$1@news.hawaii.edu...
>> John Porter <oceans1@nccoast.net> wrote:
>> >Good grief - how long will this completely worn out thread and topic
>go on?
>>
>> As long as folks like yourself continue to post follow-ups to it.
>>
>>
>> >Jeffrey Herman <jeffreyh@Hawaii.Edu> wrote in message
>> >news:8c0iqn$p5e$1@news.hawaii.edu...
>> >> Wayne Woodhams <wwoodhamsNOwwSPAM@vcnet.com.invalid> wrote:
>> >> > But unless
>> >> >something had massively changed in the hobby, it was doomed to go
>down
>> >> >the tubes.
>> >>
>> >> Your prediction is older than you are: In "...1922 many radio
>> >> magazines which had catered to the transmitting amateur swung away
>> >> from him, one even so far as to run an editorial ... prophesying
>the
>> >> end of amateur radio." (From Fifty Years of ARRL.)
>> >>
>> >> 73, Jeff KH6O
>> >
>> >
>>
>>
>>
>

>

1064. Thanks for help regarding UO-14

Newsgroup: rec.radio.amateur.space
Date: 2000-04-11 00:00:00 UTC
From: Jeff Grey <cdma77@aol.com>
Message-ID: <38F35535.6E2A@aol.com>
Source record: 9695

Thanks to all regarding my issue of not being able to hear UO-14. AS it turned out Winorbit was using daylight savings time. My passes had he right Az & EL, but not the right time. I think I am going to add a pre-amp to increase my sensitivity of my radio. Any recommendations on pre-amps for 430 MHz?

Jeff
N8EIP

1065. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-04-11 00:00:00 UTC
From: Mike Yetsko <joe@user.com>
Message-ID: <5dKI4.17931$y4.625690@newsread1.prod.itd.earthlink.net>
Source record: 9696
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.shortwave

Hey, get in line after me!!!

Mike

J Peitsch <jpeitsch@concentric.net> wrote in message
news:8cvddb$9m2@journal.concentric.net...
> Send me your radios also. you will have no need for them.
>
>
> Mike Yetsko wrote in message ...
> >Hey, let's keep this alive!!!
> >
> >It's only 4 days now and counting...
> >
> >Will the original poster please post proof of his turning in his
> >VE badge?
> >
> >Mike
> >
> >
> >Jeffrey Herman <jeffreyh@Hawaii.Edu> wrote in message
> >news:8ctuvv$gi4$1@news.hawaii.edu...
> >> John Porter <oceans1@nccoast.net> wrote:
> >> >Good grief - how long will this completely worn out thread and
topic
> >go on?
> >>
> >> As long as folks like yourself continue to post follow-ups to it.
> >>
> >>
> >> >Jeffrey Herman <jeffreyh@Hawaii.Edu> wrote in message
> >> >news:8c0iqn$p5e$1@news.hawaii.edu...
> >> >> Wayne Woodhams <wwoodhamsNOwwSPAM@vcnet.com.invalid> wrote:
> >> >> > But unless
> >> >> >something had massively changed in the hobby, it was doomed to
go
> >down
> >> >> >the tubes.
> >> >>
> >> >> Your prediction is older than you are: In "...1922 many radio
> >> >> magazines which had catered to the transmitting amateur swung
away
> >> >> from him, one even so far as to run an editorial ... prophesying
> >the

> >> >> end of amateur radio." (From Fifty Years of ARRL.)
> >> >>
> >> >> 73, Jeff KH6O
> >> >
> >> >
> >>
> >>
> >>
> >
> >
>
>
>

1066. Re: How good is your memory about antennas?

Newsgroup: rec.radio.amateur.space
Date: 2000-04-11 00:00:00 UTC
From: jflanders2@home.com
Message-ID: <38f38210.276315304@news>
Source record: 9697

I don't remember if QST published it, but a common way to make the "lindenblad" satellite antenna is to package the elements inside PVC pipe. Mine is made this way, and was pretty quick & easy - all I needed was some 300 ohm twinlead, a few feet of pipe, and a couple bucks worth of PVC fittings.

See: http://www.amsat.org/amsat/articles/w6shp/lindy.html

Jerry W4UK

On 27 Mar 2000 23:13:03 GMT, compcnsult@aol.com (CompCnsult) wrote:

>Several years ago QST ran an antenna construction article for a eggbeater type
>of antenna used for low orbiting NOAA sats. It was called a "Quad ??????? "
>type of antenna and was madew out of PVC pipe.
>
>Now the hard part! Does anyone remember which year and month this antenna
>construction article ran? Also if you hae the article woupd you run me a copy
>of it I would be willing to pay for your trouble!
>
>73's and God Bless
>Chuck
>W0CBF

1067. Re: Station Forsale

Newsgroup: rec.radio.amateur.space
Date: 2000-04-11 00:00:00 UTC
From: pbhcontainers@aol.com
Message-ID: <20000411160551.03467.00000802@ng-fu1.aol.com>
Source record: 9698

Hi Carl

What power meter is that? I am interested.

Peter,KB1HY

1068. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-04-12 00:00:00 UTC
From: wa2ise@netcom.com
Message-ID: <8d0jti$7bd$1@slb6.atl.mindspring.net>
Source record: 9602
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.shortwave

In article <SJsI4.34$Yk1.445@reader1.interactive.net>,
John Porter <oceans1@nccoast.net> wrote:
>Good grief - how long will this completely worn out thread and topic go on?
>
Until April 15th. :-)

1069. Re: 60 Days until I turn in my VE badge.... It's Gone.

Newsgroup: rec.radio.amateur.space
Date: 2000-04-12 00:00:00 UTC
From: vlfiscus@mcn.net
Message-ID: <sf82c4274nk23@corp.supernews.com>
Source record: 9603
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.shortwave

I sent my badge in today, I hope the VEC gets it by the 15th.

KB7ADL

In article <h5FI4.6786$q67.194621@newsread2.prod.itd.earthlink.net>, "Mike
Yetsko" <joe@user.com> wrote:
>Hey, let's keep this alive!!!
>
>It's only 4 days now and counting...
>
>Will the original poster please post proof of his turning in his
>VE badge?
>
>Mike

1070. Re: 60 Days until I turn in my VE badge.... It's Gone.

Newsgroup: rec.radio.amateur.space
Date: 2000-04-12 00:00:00 UTC
From: BDF <bumologist@pipeline.com>
Message-ID: <MPG.135e9e847819f0ce9896ed@news.pipeline.com>
Source record: 9604
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.shortwave

In article <sf82c4274nk23@corp.supernews.com>, vlfiscus@mcn.net says...
>
> I sent my badge in today, I hope the VEC gets it by the 15th.
>
> KB7ADL
>
>
> In article <h5FI4.6786$q67.194621@newsread2.prod.itd.earthlink.net>, "Mike
> Yetsko" <joe@user.com> wrote:
> >Hey, let's keep this alive!!!
> >
> >It's only 4 days now and counting...
> >
> >Will the original poster please post proof of his turning in his
> >VE badge?
> >
> >Mike
>>>>>Proof he's a putz??
>>>>>I'll take his word for it,goodbye,so long,don't let the door hit ya
Vince!Time for a new hobby,maybe collecting baseball caps or something
where you wont feel bitter about "dumbing down standards",and there's no
regulation so you can't be "stabbed in the back"...

73 Vince!
Barry

1071. Re: 60 Days until I turn in my VE badge.... It's Gone.

Newsgroup: rec.radio.amateur.space
Date: 2000-04-12 00:00:00 UTC
From: Fred Stuart <fstuart1@maine.rr.com>
Message-ID: <UPYI4.1350$J81.8940@newsr1.maine.rr.com>
Source record: 9605
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.shortwave

All,
He grabbing his marbles and going home as he does not like the rules. He can't be serious about he hobby or he would stay and help foster new hams into it. Hell he could even focus all that negative energy into going after the 35-55 crowd that have the money and leisure time to get into ham radio. So Vince are you going to do more public service to give back to the hobby or are you going to "sell out" and move over so us radio do goobers can't get more band space? I don't think you would be happy in any hobby as you are an old curmudgeon.
Fred

"Vincent Fiscus, KB7ADL" <vlfiscus@mcn.net> wrote in message news:sf82c4274nk23@corp.supernews.com...
>
> I sent my badge in today, I hope the VEC gets it by the 15th.
>
> KB7ADL
>
>
> In article <h5FI4.6786$q67.194621@newsread2.prod.itd.earthlink.net>, "Mike
> Yetsko" <joe@user.com> wrote:
> >Hey, let's keep this alive!!!
> >
> >It's only 4 days now and counting...
> >
> >Will the original poster please post proof of his turning in his
> >VE badge?
> >
> >Mike

1072. FS HRPT system parts

Newsgroup: rec.radio.amateur.space
Date: 2000-04-12 00:00:00 UTC
From: Jeff Kelly <jkelly@bellatlantic.net>
Message-ID: <qHZI4.2561$w33.61683@typhoon2.gnilink.net>
Source record: 9606

I have some spare parts used on my HRPT system for sale.

1 - LAPDQ-2 combiner 'N"
1 - LAPDQ-2 combiner "SMA"
2 - Greg Ehler 1691 preamps /12v coax mod.

Best offer.

Jeff Kelly
jkelly@bellatlantic.net

1073. FT-726r for sale

Newsgroup: rec.radio.amateur.space
Date: 2000-04-12 00:00:00 UTC
From: "George J. Molnar" <George@Molnar.com>
Message-ID: <SK3J4.11199$q67.305344@newsread2.prod.itd.earthlink.net>
Source record: 9607

Hi folks...

I have an FT-726r for sale (suggest $600; reasonable offers considered carefully!).
Includes:
144-148 MHz module
430-440 MHz module
satellite module
Manuals, etc.

The rig is in good shape. I am moving to quarters not as "receptive" to satellite work as the prior location.

--
George J. Molnar
http://George.Molnar.com

1074. Re: 60 Days until I turn in my VE badge.... It's Gone.

Newsgroup: rec.radio.amateur.space
Date: 2000-04-12 00:00:00 UTC
From: Keith Wood <kw@bctv.com>
Message-ID: <38F4CC5E.E515678@bctv.com>
Source record: 9608
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.shortwave

"Vincent Fiscus, KB7ADL" wrote:
>
> I sent my badge in today, I hope the VEC gets it by the 15th.
>
> KB7ADL

Cool! Thank you!

Usually when people have tantrums they don't fulfill their promises.

1075. Re: 60 Days until I turn in my VE badge.... It's Gone.

Newsgroup: rec.radio.amateur.space
Date: 2000-04-12 00:00:00 UTC
From: w7wjm@arrl.nospam.net
Message-ID: <8d2lvenip1@news.netmar.com>
Source record: 9609
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.shortwave,

Good! Hopefully this will be the end of this thread!

In a previous article, <vlfiscus@mcn.net> writes:
>
>I sent my badge in today, I hope the VEC gets it by the 15th.
>
>KB7ADL
>
>
>In article <h5FI4.6786$q67.194621@newsread2.prod.itd.earthlink.net>, "Mike
>Yetsko" <joe@user.com> wrote:
>>Hey, let's keep this alive!!!
>>
>>It's only 4 days now and counting...
>>
>>Will the original poster please post proof of his turning in his
>>VE badge?
>>
>>Mike

----- Posted via NewsOne.Net: Free Usenet News via the Web -----
----- http://newsone.net/ -- Discussions on every subject. -----
NewsOne.Net prohibits users from posting spam. If this or other posts
made through NewsOne.Net violate posting guidelines, email abuse@newsone.net

1076. Re: 60 Days until I turn in my VE badge.... It's Gone.

Newsgroup: rec.radio.amateur.space
Date: 2000-04-12 00:00:00 UTC
From: Dave <cubit@prodigy.net>
Message-ID: <8d33oj$f9s$1@newssvr04-int.news.prodigy.com>
Source record: 9610
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.shortwave

What is a VE badge?

1077. Re: 60 Days until I turn in my VE badge.... It's Gone.

Newsgroup: rec.radio.amateur.space
Date: 2000-04-12 00:00:00 UTC
From: J Peitsch <jpeitsch@concentric.net>
Message-ID: <8d363j$nvs@chronicle.concentric.net>
Source record: 9611
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.shortwave

The Volunteer examiner (VE) administers Amateur Radio testing.
The badge is his/her identification.
Too bad this wasn't explained a month ago when this off topic thread started
(or was it longer?)
Butch
still keeping my VE badge and ham ticket

Dave wrote in message <8d33oj$f9s$1@newssvr04-int.news.prodigy.com>...
>
>What is a VE badge?
>
>

1078. Re: 60 Days until I turn in my VE badge.... It's Gone.

Newsgroup: rec.radio.amateur.space
Date: 2000-04-12 00:00:00 UTC
From: John <>
Message-ID: <1c9afscb9qc7r560kjot874ef9rusbao73@4ax.com>
Source record: 9612
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.shortwave

On Wed, 12 Apr 2000 05:44:58 GMT, vlfiscus@mcn.net (Vincent Fiscus,
KB7ADL) wrote:

>
>I sent my badge in today, I hope the VEC gets it by the 15th.
>
>KB7ADL

Who gives a shit?

1079. Re: 60 Days until I turn in my VE badge.... It's Gone.

Newsgroup: rec.radio.amateur.space
Date: 2000-04-12 00:00:00 UTC
From: W5LZ <w5lz@oio.net>
Message-ID: <38F4ED7C.3C026F79@oio.net>
Source record: 9613
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.shortwave

Not sure who the original poster was, but it's probably
best if he did turn in his VE 'badge'. Who ever your are
I for one am glad your gone. Byeeeeee.....
'Doc

1080. Re: 60 Days until I turn in my VE badge.... It's Gone.

Newsgroup: rec.radio.amateur.space
Date: 2000-04-12 00:00:00 UTC
From: K5DRB <k5drb@cei.net>
Message-ID: <h1cJ4.61$gb5.1731049513@typhoon.cei.net>
Source record: 9614
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.shortwave

I tell you this Vincent is a disgrace to the Amateur Radio hobby. Why don't you do us all a favor and give up your callsign as well. Then you can go back to the 11 meter group. Real Amateur radio operators don't want dumb butts like you giving our hobby a bad name.

Donald

K5DRB (AND PROUD OF IT !!!!!)
Keith Wood wrote in message <38F4CC5E.E515678@bctv.com>...
>
>
>"Vincent Fiscus, KB7ADL" wrote:
>>
>> I sent my badge in today, I hope the VEC gets it by the 15th.
>>
>> KB7ADL
>
>Cool! Thank you!
>
>Usually when people have tantrums they don't fulfill their promises.

1081. WTB: Kenpro KR500 Control Box

Newsgroup: rec.radio.amateur.space
Date: 2000-04-13 00:00:00 UTC
From: "D. Vanderplough" <davander@home.com>
Message-ID: <Wn8J4.1587$fF5.132796@news1.rdc1.il.home.com>
Source record: 9615

I recently came in possesion of a Kenpro KR500 elevation rotor without the control box. I understand it's the same rotor as the Yaesu G500A. I am looking for a control box in good condition.

Dan K9RQ
davander@home.com

1082. Re: 60 Days until I turn in my VE badge.... It's Gone.

Newsgroup: rec.radio.amateur.space
Date: 2000-04-13 00:00:00 UTC
From: Innocent John!!! <jmackey@NOSPAMparg.org>
Message-ID: <zp9J4.151987$_G1.1219078@news1.sttls1.wa.home.com>
Source record: 9616
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.shortwave

This is really funny, the easier license testing is how this FOOL below
got his license in the first place. Now that exact same issue is why the
FOOL
is resigning.

<w7wjm@arrl.nospam.net> wrote in message
news:8d2lvenip1@news.netmar.com...
> Good! Hopefully this will be the end of this thread!
>
>
> In a previous article, <vlfiscus@mcn.net> writes:
> >
> >I sent my badge in today, I hope the VEC gets it by the 15th.
> >
> >KB7ADL
> >
> >
> >In article <h5FI4.6786$q67.194621@newsread2.prod.itd.earthlink.net>,
"Mike
> >Yetsko" <joe@user.com> wrote:
> >>Hey, let's keep this alive!!!
> >>
> >>It's only 4 days now and counting...
> >>
> >>Will the original poster please post proof of his turning in his
> >>VE badge?
> >>
> >>Mike
>
>
> ----- Posted via NewsOne.Net: Free Usenet News via the Web -----
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> made through NewsOne.Net violate posting guidelines, email
abuse@newsone.net

1083. Re: 60 Days until I turn in my VE badge.... It's Gone.

Newsgroup: rec.radio.amateur.space
Date: 2000-04-13 00:00:00 UTC
From: Rickhit@worldnet.att.net
Message-ID: <38f64944.14048639@netnews.worldnet.att.net>
Source record: 9617
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.shortwave

On Wed, 12 Apr 2000 05:44:58 GMT, vlfiscus@mcn.net (Vincent Fiscus,
KB7ADL) wrote:

>
>I sent my badge in today, I hope the VEC gets it by the 15th.
>
>KB7ADL
>
>
>

Crybaby!!!!!

73 de Rick KC2ESD

1084. Re: 60 Days until I turn in my VE badge.... It's Gone.

Newsgroup: rec.radio.amateur.space
Date: 2000-04-13 00:00:00 UTC
From: Ross Archer <dogbert@mindless.com>
Message-ID: <38F55086.962E6566@mindless.com>
Source record: 9618
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.shortwave

Adapt or die to change. Time has largely passed the code by,
except in specialty areas like QRP, EME, and weak-signal DX.
Vince would rather pass blame and have his hobby "die"
than adapt and continue. So be it; it's his choice.

-- --- *-* *** *
-*-* --- --* *
** ***
--* * *- -**

--*- --- -* --*
-- ** ***- *
-- --- *-* *** *

-- The Who paraphrased.

w7wjm@arrl.nospam.net wrote:

> Good! Hopefully this will be the end of this thread!
>
> In a previous article, <vlfiscus@mcn.net> writes:
> >
> >I sent my badge in today, I hope the VEC gets it by the 15th.
> >
> >KB7ADL
> >
> >
> >In article <h5FI4.6786$q67.194621@newsread2.prod.itd.earthlink.net>, "Mike
> >Yetsko" <joe@user.com> wrote:
> >>Hey, let's keep this alive!!!
> >>
> >>It's only 4 days now and counting...
> >>
> >>Will the original poster please post proof of his turning in his
> >>VE badge?
> >>
> >>Mike
>
> ----- Posted via NewsOne.Net: Free Usenet News via the Web -----
> ----- http://newsone.net/ -- Discussions on every subject. -----
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> made through NewsOne.Net violate posting guidelines, email abuse@newsone.net

1085. Re: Mir

Newsgroup: rec.radio.amateur.space
Date: 2000-04-13 00:00:00 UTC
From: Mike Lewis <mikel@hsdal.ufl.edu>
Message-ID: <38f5b8a4$0$20910@wodc7nh6.news.uu.net>
Source record: 9619

There was a message in the amsat mailing list this morning that reports Mir is back on the air. So it looks like they will be back on for a while.
73
Mike KU4AD

Jim Shaffer, Jr. wrote in message ...
>Has anyone heard of any plans to resume transmissions from Mir?
>
>--
>"Alan Turing predicted that the idea of machines thinking would be routine
>by the end of the century. The very second that time ran out for his prediction
>was the second that computers were set to demonstrate their complete stupidity
>because they couldn't add up dates." --Stephen Grand

1086. Re: 60 Days until I turn in my VE badge.... It's Gone.

Newsgroup: rec.radio.amateur.space
Date: 2000-04-13 00:00:00 UTC
From: Mike Gormley <WA8VEC@ARRL.net>
Message-ID: <38F5E5A0.4379287F@ARRL.net>
Source record: 9620
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.shortwave

>
>
> -- --- *-* *** *
> -*-* --- --* *
> ** ***
> --* * *- -**
>
> --*- --- -* --*
> *-*- ** ***- *
> -- --- *-* *** *
>
> -- The Who paraphrased.

Looks like "swamp land" on my GPS! (and make about as much sense)

--
Mike (who likes code) Gormley

"Full Time RV'ers currently located in: Kissimmee, FL"

mailto:WA8VEC@ARRL.net

Web page linking to Genealogy, RV'ing & Square Dancing:

http://home.earthlink.net/~deltadd/

1087. Re: 60 Days until I turn in my VE badge.... It's Gone.

Newsgroup: rec.radio.amateur.space
Date: 2000-04-13 00:00:00 UTC
From: jjones@radio.org.com.net
Message-ID: <8d532hrjl1@slb6.atl.mindspring.net>
Source record: 9621
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.shortwave

Donald, Donald, Donald,

As you being from Arkansas, I can understood your resentment. Why don't you go find your sister and have some more kids and let real hams debate the issue.

Donald Banks "K5DRB", A Toothless Porch-monkey Technician in Arkansas wrote:
>I tell you this Vincent is a disgrace to the Amateur Radio hobby. Why don't
>you do us all a favor and give up your callsign as well. Then you can go
>back to the 11 meter group. Real Amateur radio operators don't want dumb
>butts like you giving our hobby a bad name.
>
>
>Donald
>
>K5DRB (AND PROUD OF IT !!!!!)
>Keith Wood wrote in message <38F4CC5E.E515678@bctv.com>...
>>
>>
>>"Vincent Fiscus, KB7ADL" wrote:
>>>
>>> I sent my badge in today, I hope the VEC gets it by the 15th.
>>>
>>> KB7ADL
>>
>>Cool! Thank you!
>>
>>Usually when people have tantrums they don't fulfill their promises.
>
>

1088. Re: 60 Days until I turn in my VE badge.... It's Gone.

Newsgroup: rec.radio.amateur.space
Date: 2000-04-13 00:00:00 UTC
From: horseshoestew@my-deja.com
Message-ID: <8d566g$35i$1@nnrp1.deja.com>
Source record: 9622
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner,rec.radio.amateur.policy,rec.radio.amateur.space

In article <8d33oj$f9s$1@newssvr04-int.news.prodigy.com>,
"Dave" <cubit@prodigy.net> wrote:
>
> What is a VE badge?
>

A "Victory in Europe" badge. It is worn by old-time hams that were
around in 1945.

Stewart - N0MHS

Sent via Deja.com http://www.deja.com/
Before you buy.

1089. Re: 60 Days until I turn in my VE badge.... It's Gone.

Newsgroup: rec.radio.amateur.space
Date: 2000-04-13 00:00:00 UTC
From: Joe Bagodonuts <dogworks@pobox.com>
Message-ID: <sfc3i5caln183@corp.supernews.com>
Source record: 9623
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.shortwave

"Mike Gormley" <WA8VEC@ARRL.net> wrote in message
news:38F5E5A0.4379287F@ARRL.net...
> >
> > -- --- *-* *** *
> > -*-* --- --* *
> > ** ***
> > --* * *- -**

"morse coge is gead"

> > --*- --- -* --*

"Qong'

> > *-*- ** ***- *

'aa(?) i v e'

> > -- --- *-* *** *

"Morse".

> >
> > -- The Who paraphrased.

The Hell.

>
> Looks like "swamp land" on my GPS! (and make about
as much sense)

Mike, you got that right. Smells like it, too, if you
scratch and sniff!

1090. Mackey at it again! Re: 60 Days until I turn in my VE badge.... It's Gone.

Newsgroup: rec.radio.amateur.space
Date: 2000-04-13 00:00:00 UTC
From: Mr.Happy@tu.com
Message-ID: <38F692AE.9BAB4E7B@tu.com>
Source record: 9624
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.shortwave

John Mackey at it again!

Innocent John!!! wrote:

> Why would I be jealous of that fool? I've had an Extra Class license for
> many years
> am one of the most active VE's in the US with 10 years of activity!!!!
>
> "teddy39" <teddy39@aol.com> wrote
> > Actually what is real funny is knowing how jealous you are of him for ever
> > having it in the first place!! LOL!!

1091. Re: 60 Days until I turn in my VE badge.... It's Gone.

Newsgroup: rec.radio.amateur.space
Date: 2000-04-14 00:00:00 UTC
From: Innocent John!!! <jmackey@NOSPAMparg.org>
Message-ID: <ZPvJ4.156210$_G1.1235250@news1.sttls1.wa.home.com>
Source record: 9625
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.shortwave

Why would I be jealous of that fool? I've had an Extra Class license for
many years
am one of the most active VE's in the US with 10 years of activity!!!!

"teddy39" <teddy39@aol.com> wrote
> Actually what is real funny is knowing how jealous you are of him for ever
> having it in the first place!! LOL!!

1092. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-04-14 00:00:00 UTC
From: John Porter <oceans1@nccoast.net>
Message-ID: <NrMJ4.197$Yk1.5849@reader1.interactive.net>
Source record: 9626
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.shortwave

Jeffrey Herman <jeffreyh@Hawaii.Edu> wrote in message
news:8ctuvv$gi4$1@news.hawaii.edu...
> John Porter <oceans1@nccoast.net> wrote:
> >Good grief - how long will this completely worn out thread and topic go
on?
>
> As long as folks like yourself continue to post follow-ups to it.
>
And as long as 'folks like you' post follow ups to my follow ups.
Genius....

JP

1093. Re: 60 Days until I turn in my VE badge.... It's Gone.

Newsgroup: rec.radio.amateur.space
Date: 2000-04-14 00:00:00 UTC
From: dana <dana@randomc.com>
Message-ID: <Pine.GSO.4.10.10004141918210.25318-100000@cluster2>
Source record: 9627
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.shortwave

I am ready to give the hobby a bad name in a hot minute. They just gave
all the bands away, and i am verry mad about it.

On Wed, 12 Apr 2000, K5DRB wrote:

> Date: Wed, 12 Apr 2000 23:22:28 -0500
> From: K5DRB <k5drb@cei.net>
> Newsgroups: rec.radio.scanner, rec.radio.amateur.misc,
> rec.radio.amateur.policy, rec.radio.amateur.space,
> rec.radio.shortwave
> Subject: Re: 60 Days until I turn in my VE badge.... It's Gone.
>
> I tell you this Vincent is a disgrace to the Amateur Radio hobby. Why don't
> you do us all a favor and give up your callsign as well. Then you can go
> back to the 11 meter group. Real Amateur radio operators don't want dumb
> butts like you giving our hobby a bad name.
>
>
> Donald
>
> K5DRB (AND PROUD OF IT !!!!!)
> Keith Wood wrote in message <38F4CC5E.E515678@bctv.com>...
> >
> >
> >"Vincent Fiscus, KB7ADL" wrote:
> >>
> >> I sent my badge in today, I hope the VEC gets it by the 15th.
> >>
> >> KB7ADL
> >
> >Cool! Thank you!
> >
> >Usually when people have tantrums they don't fulfill their promises.
>
>
>
>

1094. Re: 60 Days until I turn in my VE badge.... It's Gone.

Newsgroup: rec.radio.amateur.space
Date: 2000-04-14 00:00:00 UTC
From: J Peitsch <jpeitsch@concentric.net>
Message-ID: <8d8ds9$b3r@chronicle.concentric.net>
Source record: 9628
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.shortwave

Life will go on.

dana wrote in message ...
>I am ready to give the hobby a bad name in a hot minute. They just gave
>all the bands away, and i am verry mad about it.
>
>On Wed, 12 Apr 2000, K5DRB wrote:
>
>> Date: Wed, 12 Apr 2000 23:22:28 -0500
>> From: K5DRB <k5drb@cei.net>
>> Newsgroups: rec.radio.scanner, rec.radio.amateur.misc,
>> rec.radio.amateur.policy, rec.radio.amateur.space,
>> rec.radio.shortwave
>> Subject: Re: 60 Days until I turn in my VE badge.... It's Gone.
>>
>> I tell you this Vincent is a disgrace to the Amateur Radio hobby. Why
don't
>> you do us all a favor and give up your callsign as well. Then you can go
>> back to the 11 meter group. Real Amateur radio operators don't want dumb
>> butts like you giving our hobby a bad name.
>>
>>
>> Donald
>>
>> K5DRB (AND PROUD OF IT !!!!!)
>> Keith Wood wrote in message <38F4CC5E.E515678@bctv.com>...
>> >
>> >
>> >"Vincent Fiscus, KB7ADL" wrote:
>> >>
>> >> I sent my badge in today, I hope the VEC gets it by the 15th.
>> >>
>> >> KB7ADL
>> >
>> >Cool! Thank you!
>> >
>> >Usually when people have tantrums they don't fulfill their promises.
>>
>>
>>
>>
>

1095. Guide to the rec.radio Newsgroups

Newsgroup: rec.radio.amateur.space
Date: 2000-04-15 00:00:00 UTC
From: jeffreyh@Hawaii.Edu
Message-ID: <8d8qod$632$1@news.hawaii.edu>
Source record: 9629
Cross-posted to: rec.radio.amateur.space,rec.answers,news.answers

Archive-name: radio/personal-intro

This message describes the rec.radio.amateur.*, rec.radio.cb, rec.radio.info, and rec.radio.swap newsgroups, as well as their Internet mailing list counterparts and complements. It is intended to serve as a guide for the new reader on what to find where. Questions and comments may be directed to Jeffrey Herman, KH6O, jeffreyh@hawaii.edu, or Paul Schleck, K3FU, pschleck@novia.net.

This message was last changed on 14 March, 1998.

History
=======

Way back when, before there was a Usenet, the Internet hosted a mailing list for hams, called (appropriately enough) INFO-HAMS. Ham radio discussions were held on the mailing list, and sent to the mailboxes of those who had signed up for it. When the Usenet software was created, and net news as we now know it was developed, a newsgroup was created for hams: net.ham-radio. The mailing list and the newsgroup were gatewayed together, eventually.

Over the years, as the net grew, the volume of discussion became progressively higher. First one by one, and then as part of two reorganizations, what was once one group became many. In the process, developments elsewhere on the net were reflected in the groups as they were created, most notably the change to place all of the ham radio groups in one hierarchy.

The collection of newsgroups continues to grow as more people join the net, and as more topics of discussion gain volume, I expect to see more groups be created as well. This follows what is happening on the rest of the net.

Nearly all of the radio newsgroups have corresponding mailing lists, the notable exception being rec.radio.swap. There are also a few mailing lists that don't have newsgroups.

The Current Groups
==================

It's important to post messages to the group that's appropriate for them, and not to the groups that aren't. The whole idea of having different newsgroups is so that folks who aren't interested in, say, homebrewing, don't have to wade through messages about homebrewing on the way to read about Field Day. Posting appropriately is just good etiquette.

The rec.radio.amateur.misc group is the catchall. It is what rec.ham-radio was renamed to during the first major reorganization. Any amateur radio-related message that's not more appropriate in one of the other groups belongs here, from contesting to DX to ragchewing on VHF to information on becoming a ham.

The group rec.radio.amateur.digital.misc is for discussions related to (surprise!) digital amateur radio. This doesn't have to be the common two-meter AX.25 variety of packet radio, either; some of the most knowledgeable folks in radio digital communications can be found here, and anything in the general area is welcome. The name was changed to emphasize this, and to encourage discussion not only of other text-based digital modes, such as AMTOR, RTTY, and Clover, but things like digital voice and video as well. The former group, rec.radio.amateur.packet, was removed on September 21st, 1993. It is obsolete, and you should use .digital.misc instead (or the appropriate new mailing list, mentioned below). The group has .misc as part of the name to allow further specialization if the users wish it, such as .digital.tcp-ip.

The swap group is rec.radio.swap. This recognizes a fact that became evident shortly after the original group was formed: Hams don't just swap ham radio gear, and other folks besides hams swap ham equipment. If you have radio equipment, or test gear, or computer stuff that hams would be interested in, here's the place. Equipment wanted postings belong here too. Discussions about the equipment generally don't; if you wish to discuss a particular posting with the buyer, email is a much better way to do it, and the other groups, especially .equipment and .homebrew, are the place for public discussions. There is now a regular posting with information on how to go about buying and selling items in rec.radio.swap; please refer to it before you post there. To answer a frequently asked question: No, there is no mailing list that goes along with this group. If you can't read Usenet news directly, you're out of luck.

The group rec.radio.amateur.policy was created as a place for all the discussions that seem to drag on interminably about the many rules, regulations, legalities, and policies that surround amateur radio, both existing and proposed. Recent changes to the Amateur Radio Rules (FCC Part 97) have finally laid to rest the Great Usenet Pizza Autopatch Debate - it's now legal to order a pizza on the autopatch, if you're not in the pizza business - as well as complaints about now-preempted local scanner laws hostile to amateurs, but plenty of discussion about what a bunch of rotten no-goodniks the local frequency coordinating body is, as well as the neverending no-code debate, may still be found here.

The group rec.radio.cb is the place for all discussion about the Citizens' Band radio service. Such discussions have been very inflammatory in rec.ham-radio in the past; please do not cross-post to both rec.radio.cb and rec.radio.amateur.* unless the topic is genuinely of interest to both hams and CBers - and very few topics are.

The rec.radio.info group is just what its name implies: it's the place where informational messages from across rec.radio.* may be found, regardless of where else they're posted. As of this writing, information posted to the

group includes Cary Oler's daily solar progagation bulletins, ARRL bulletins, the Frequently Asked Questions files for the various groups, and radio modification instructions. This group is moderated, so you cannot post to it directly; if you try, even if your message is crossposted to one of the other groups, your message will be mailed to the moderator, who is currently David Dodell, WB7TPY. The email address for submissions to the group is rec.radio.info-moderator@primenet.com. Inquires and other adminis-trivia should be directed to rec.radio.info-request@primenet.com. For more information about rec.radio.info, consult the introduction and posting guidelines that are regularly posted to that newsgroup.

The groups r.r.amateur.antenna, .boatanchors, .dx, .equipment, .homebrew, and .space are for more specialized areas of ham radio: discussions about antennas, the older tube based amateur, military, and commercial gear, commercially-made equipment, homebrewing, and amateur radio space operations. The .equipment group is not the place for buying or selling equipment; that's what rec.radio.swap is for. Similarly, the .space group is specifically about amateur radio in space, such as the OSCAR program and SAREX, the Shuttle Amateur Radio EXperiment; other groups cover other aspects of satellites and space. Homebrewing isn't about making your own alcoholic beverages at home (that's rec.crafts.brewing), but rather construction of radio and electronic equipment by the amateur experimenter. The .dx group is devoted to long distance amateur communications. Each of these subgroups has its own charter and FAQ; please refer to the archives to find these documents.

Except for rec.radio.swap and rec.radio.cb, all of these newsgroups are available by Internet electronic mail in digest format; send a mail message containing "help" on a line by itself to listserv@ucsd.edu for instructions on how to use the mail server.

All of the groups can be posted to by electronic mail, though, by using a gateway at the University of Texas at Austin. To post a message this way, change the name of the group you wish to post to by replacing all of the '.'s with '-'s - for example, rec.radio.swap becomes rec-radio-swap - and send to that name@cs.utexas.edu (rec-radio-swap@cs.utexas.edu, for example). You may crosspost by including multiple addresses as Cc: entries (but see below). This gateway's continued availability is at the pleasure of the admins at UT-Austin, and is subject to going away at any time - and especially if forgeries and other net.abuses become a problem. You have been warned.

Mailing Lists

In addition to the mailing lists that mirror the Usenet newsgroups, there also are a few that stand alone. These cover specific areas of ham radio, and discussion is focused on just those areas. PLEASE BE SURE TO SAVE THE WELCOME MESSAGE YOU RECEIVE AFTER SUBSCRIBING -- IT WILL CONTAIN IMPORTANT INFO REGARDING UNSUBSCRIBING!

The cq-contest mailing list is for discussions of contesting in ham radio. To join, send an email to cq-contesting-request@contesting.com.

The DX mailing list covers the finer points of DXing. This one is also joined by mailing "subscribe" on a line by itself, this time to dx-request@unbc.edu.

There's also a VHF mailing list, for VHF operators of the weak signal persuasion. You can join this one be sending "subscribe vhf" on a line by itself to vhf-request@w6yx.stanford.edu.

The QRP-L list is devoted to building and operating gear at low-power outputs. To subscribe, send an email to listproc@lehigh.edu and only write: subscribe qrp-l Your Name.

The TopBand e-list is devoted to all areas of operation on 160m. To subscribe, send an email to majordomo@contesting.com and only write: subscribe topband and follow the instructions you'll be sent.
This site, contesting.com, also hosts a couple dozen other ham-related e-lists. Use the above address, and only write: lists to get the entire index.

The Boatanchors e-list is devoted to the older tube-based ham, military, and commercial communications gear. To subscribe, send an email to: listserv@listserv.tempe.gov and only write: subscribe boatanchors

For homebuilding transmitters and receivers using tube technology, there is the Glowbugs e-list; send an email to: majordomo@piobaire.mines.uidaho.edu and only write: subscribe glowbugs <your@address.here>

The VHF DX discussion list can be accessed by sending an email to: majordomo@blacksheep.org and only writing: subscribe VHF-DX-discuss.

We now have a list devoted to amateur radio history. To subscribe, send an email to: ham-radio-history-subscribe@egroups.com - leave the body of the message blank.

Qth.net hosts over 100 ham-related e-lists, including lists devoted to each state, manufacturer, mode, band - too many to state here. Send an email to majordomo@qth.net and only write: lists to get the complete index.

For one of the most complete indexes of email lists, see the excellent web site http://pw2.netcom.com/~ac6v/pageae.html

Please do NOT send subscription requests to the mailing lists themselves; that doesn't work very often, and is very annoying to those on the list. Also, please keep your electronic mail address current with any mailing lists you subscribe to, as dealing with returned email is a nuisance for the person maintaining the mailing list.

A Few Words on Crossposting
==========

Please do not crosspost messages to two or more groups unless there is genuine interest in both groups in the topic being discussed, and when you do, please include a header line of the form "Followup-To: group.name" in your article's

headers (before the first blank line). This will cause followups to your article to go to the group listed in the Followup-To: line. If you wish to have replies to go to you by email, rather than be posted, use the word "poster" instead of the name of a group. Such a line appears in the headers of this article.

One of the few examples of productive cross-posting is with the rec.radio.info newsgroup. To provide a filtered presentation of information articles, while still maintaining visibility in their home newsgroups, the moderator strongly encourages cross-posting. All information articles should be submitted to the rec.radio.info moderator so that he may simultaneously cross-post your information to the appropriate newsgroups. Most newsreaders will only present the article once, and network bandwidth is conserved since only one article is propagated. If you make regular informational postings, and have made arrangements with the moderator to post directly to the group, please cross-post as appropriate.

--
Jeffrey Herman, KH6O, and your friendly rec.radio.amateur working-group
jeffreyh@hawaii.edu

1096. Re: 60 Days until I turn in my VE badge.... It's Gone.

Newsgroup: rec.radio.amateur.space
Date: 2000-04-15 00:00:00 UTC
From: fred1@my-deja.com
Message-ID: <8d8u77$71v$1@nnrp1.deja.com>
Source record: 9630
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

In article <sf82c4274nk23@corp.supernews.com>,
vlfiscus@mcn.net (Vincent Fiscus, KB7ADL) wrote:
>
> I sent my badge in today, I hope the VEC gets it by the 15th.
>
> KB7ADL
>
Did you simply mail the credential back to the VEC or did you
include a letter specifically requesting that you be disaccredited?
Simply returning the credential may not do that. If you really want
to make sure you are disaccredited, mail your license back to
Gettysburg with a letter requesting that your amateur license be
cancelled. Once you can confirm that your amateur license has been
cancelled, you can relax because you are no longer qualified to serve
as VE and the VEC's accreditation will be moot.

....Fred1

Sent via Deja.com http://www.deja.com/
Before you buy.

1097. Re: Do not be Exposed! Surf Safely.

Newsgroup: rec.radio.amateur.space
Date: 2000-04-15 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8fgaja.m7o.nomail@linux.pe1chl.ampr.org>
Source record: 9631

webmaster@nxinteractive.com <webmaster@nxinteractive.com> wrote:
>Privacy on the Internet has been the hot issue in the last several months
>or so.

So is spamming on Usenet!

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

1098. Seattle Satellite Elmer sought

Newsgroup: rec.radio.amateur.space
Date: 2000-04-15 00:00:00 UTC
From: jim madden <jmadden@pop.nwnexus.com>
Message-ID: <8da4j9tnn1@brokaw.wa.com>
Source record: 9632

I've been trying for months to receive a Satellite signal to no avail. I'm looking for someone in the Seattle area who would be interested in sharing their satellite knowledge.

Thanks
Jim
KD7GND

1099. Re: 60 Days until I turn in my VE badge.... It's Gone.

Newsgroup: rec.radio.amateur.space
Date: 2000-04-15 00:00:00 UTC
From: "Steven G. Bradley" <sbradley@southern.edu>
Message-ID: <38F89AE1.95D4D348@southern.edu>
Source record: 9633
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.shortwave

What happened to cause him to decide to no longer be a VE?

w7wjm@arrl.nospam.net wrote:

> Good! Hopefully this will be the end of this thread!
>
> In a previous article, <vlfiscus@mcn.net> writes:
> >
> >I sent my badge in today, I hope the VEC gets it by the 15th.
> >
> >KB7ADL
> >
> >
> >In article <h5FI4.6786$q67.194621@newsread2.prod.itd.earthlink.net>, "Mike
> >Yetsko" <joe@user.com> wrote:
> >>Hey, let's keep this alive!!!
> >>
> >>It's only 4 days now and counting...
> >>
> >>Will the original poster please post proof of his turning in his
> >>VE badge?
> >>
> >>Mike
>
> ----- Posted via NewsOne.Net: Free Usenet News via the Web -----
> ----- http://newsone.net/ -- Discussions on every subject. -----
> NewsOne.Net prohibits users from posting spam. If this or other posts
> made through NewsOne.Net violate posting guidelines, email abuse@newsone.net

--
Steven Bradley P.O. Box 2218, Room D243
sbradley@southern.edu Collegedale, TN 37315-2218 USA
CompuServe: 102555,3031 Tel: (423) 238-2543
URL: http://www.southern.edu/~sbradley Pager: (423) 668-1488

And He said to them, "Go into all the world and preach the gospel to all
creation". Mark 16:15

1100. Re: 60 Days until I turn in my VE badge.... It's Gone.

Newsgroup: rec.radio.amateur.space
Date: 2000-04-15 00:00:00 UTC
From: Innocent John!!! <jmackey@NOSPAMparg.org>
Message-ID: <Mq2K4.161884$_G1.1261208@news1.sttls1.wa.home.com>
Source record: 9634
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.shortwave

Learn to spell!!!!

(besides, no one gives a damm if you are mad!)

"dana" <dana@randomc.com> wrote
> all the bands away, and i am verry mad about it.
------------------------>> ^^^^ <--------------------

1101. Re: NOVA Demo

Newsgroup: rec.radio.amateur.space
Date: 2000-04-15 00:00:00 UTC
From: Dale Ireland <direland@drdale.com>
Message-ID: <sfhrtt59ivv17@corp.supernews.com>
Source record: 9635

NOVA doesn't accept negative longitudes because it has an east-west
button at the bottom, you just overlooked it

--
Dale Ireland
47.7N 122.7W
Astronomy Page http://www.drdale.com
Comets, Satellites, Eclipses, Photography, Fabrications
"Dave Heil" <K8MN@cats-net.com> wrote in message
news:38E6EEF8.73EE85E7@cats-net.com...
> AnonMn@netscape.net wrote:
> >
> > Not here it doersn't.
> >
> > Ken K5MBV
> >
> > On Tue, 28 Mar 2000 19:17:27 +0000, Dave Heil <K8MN@cats-net.com>
wrote:
> >
> > >AnonMn@netscape.net wrote:
> > >>
> > >> My actual lon is -96.68, but NOVA doesn't accept negative
> > >> lon.
> > >> Ken K5MBV
> > >>
> > >
> > >Sure it does!
> > >
> > >Dave Heil K8MN
>
> Must be some of that geographically sensistive software. Use the help
> screens.
>
> Dave K8MN

1102. Re: 60 Days until I turn in my VE badge.... It's Gone.

Newsgroup: rec.radio.amateur.space
Date: 2000-04-15 00:00:00 UTC
From: Bill Newkirk <wnewkirk@iu.net>
Message-ID: <sfi2cim5ivv183@corp.supernews.com>
Source record: 9636
Cross-posted to: rec.radio.amateur.misc,rec.radio.scanner,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.shortwave

folks who want to proctor amateur radio examinations have to meet certain criteria (spelled out in the rules).

most of the exam coordinators issue badges for those meeting the requirements.

Dave <cubit@prodigy.net> wrote in message news:8d33oj$f9s$1@newssvr04-int.news.prodigy.com...
>
> What is a VE badge?
>
>

1103. Re: You're men are already dead.

Newsgroup: rec.radio.amateur.space
Date: 2000-04-15 00:00:00 UTC
From: Dave or Debby <truth@planetc.com>
Message-ID: <38f9290e@news.planetc.com>
Source record: 9637
Cross-posted to:
rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

He is reading it because this IS the CB news group! You Hambo's GET OFF my
newsgroup frequency & take your Hambobo QSO's to another newsgroup! OR I
will blast you with my 10 gigobite digital liniker & blow your pooters up
with my 27 megacycle digital pooter liniker!!!!! (with my 108" whip
hooked to my modem) !!!! I's will be WORLDWIDE then!!!!!
Dave!!!!!!

Steve wrote in message <38d65822_1@news.continet.com>...

Bob <bob@bob.com> wrote in message news:38D5BFB7.68447FD3@bob.com...

>
> I really couldn't care less about HAM radio.

Then why post anything at all? Why are you even reading the news group?

1104. Re: You're men are already dead. OR Dave & Debby can't pass the new test

Newsgroup: rec.radio.amateur.space
Date: 2000-04-15 00:00:00 UTC
From: "Martin D. or Tunisia G. WADE" <mdwade@mobiletel.com>
Message-ID: <38F92F1F.5495@mobiletel.com>
Source record: 9638
Cross-posted to:
rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

Dave or Debby wrote:
>
> He is reading it because this IS the CB news group! You Hambo's GET OFF my
> newsgroup frequency & take your Hambobo QSO's to another newsgroup! OR I
> will blast you with my 10 gigobite digital liniker & blow your pooters up
> with my 27 megacycle digital pooter liniker!!!!! (with my 108" whip
> hooked to my modem) !!!! I's will be WORLDWIDE then!!!!!
> Dave!!!!!!
>
> Steve wrote in message <38d65822_1@news.continet.com>...
>
> Bob <bob@bob.com> wrote in message news:38D5BFB7.68447FD3@bob.com...
>
> >
> > I really couldn't care less about HAM radio.

>

> Then why post anything at all? Why are you even reading the news group?
Because we can read, Use our CB and Ham gear per Part 95 and 97,
respectively and are exercising our right to read as per the US
Constitution. Proudly Hambo, user of CB Martin N5PZJ

1105. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-04-16 00:00:00 UTC
From: Brendan K Callahan <god@pcpartner.net>
Message-ID: <8dbms9$ko8$1@ins21.netins.net>
Source record: 9639
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

-----BEGIN PGP SIGNED MESSAGE-----

Heck, might as well stick my 2watts in:
<shrug> so you're giving up your VE badge--guess what? I'm going to
get mine, and yes, I got an extra under the (omigosh) *new* rules.
Heaven forbid we *ever* change anything--why, we could still be using
horses to get around!

The new rules? Don't really care one way or the other--might just
have taken a few months longer to get my Extra, yet ppl with that
attitude, seem to want to scorn me as "not really an Extra"--wait
until I fire 30wpm CW at you by the end of the summer. Sure, and
some of you could fire it back too :) But I bet some "real" Extras
might not :)

And I've gotten one person already licensed (KC&#65533;HLL), and am working
with two others, and they will have a license by midsummer with luck.
I'm going to go to the school here at some point and time, and try
to get a club going there, as hams in Grinnell, IA are few (3 active,
for the most part, 2 PT). I'm going to try and get involved with the
weather net in Johnson IA. Isn't this what being a "real" amateur is
about? Furthing the hobby? Generating good will with the public?
Putting forth that "Extra" effort? Why hold so much animosity?
Before you turn your license in, why don't you listen for me on 10m?
See waht kind of op I am?

Want to know what the value of my license is to me? It took me 10
years, before I got licensed--CW held me back for years, and then the
internet distracted me (and a couple hundred thousand others who
might have gone into the hobby). But I perservered, and passed my 5
wpm--and immeadiately started working on 23 & 30 wpm.

Would there have been another ham, had I not gotten a license, to
call on a repeater for an ambulance and a tow truck for the couple
who had an accident on I-35 when I was travelling to Kansas City a
few weeks ago? No one else was stopping to help, even though the
mini-van was in a ditch, and obviously damaged beyond repair. <sigh>
The new rules, are the rules, whether we like them or not--adapting
to them is what requires character, not a fast code speed.

- --

*Brendan K Callahan K&#65533;EES/AE god@netins.net
*
* Chaos, Panic, Disorder

* (Looks like my work here is done)

```
-----BEGIN PGP SIGNATURE-----
Version: PGPfreeware 6.5.2 for non-commercial use <http://www.pgp.com>

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=5jMB
-----END PGP SIGNATURE-----
```

1106. Mirage pre-amp -help needed

Newsgroup: rec.radio.amateur.space
Date: 2000-04-16 00:00:00 UTC
From: py2rn@my-deja.com
Message-ID: <8dd32dffh1@nnrp1.deja.com>
Source record: 9640

I have two Mirage pre-aplifiers (vhf and uhf)
they use the 3SK183 (GaAs FET) could not find
Does anyone knows some equivalent I could put in
place?

Thanks

Ed, PY2RN.
py2rn@hotmail.com

Sent via Deja.com http://www.deja.com/
Before you buy.

1107. FO-20 & FO-29

Newsgroup: rec.radio.amateur.space
Date: 2000-04-16 00:00:00 UTC
From: Jeff Grey <cdma77@aol.com>
Message-ID: <38FA8CFC.54E@aol.com>
Source record: 9641

Hello all could somebody answer this question below:

I currently have a 2mtr multimode radio that puts out 25 watts. I also own a 430 multimode radio that puts out 25 watts. I own a Arrow antenna for AO-27. Since I have very short runs of cable (11ft of RG213) to both radios do you think I would be able to work or hear FO-29 & FO-20 for mode JA work? I don't currently own any preamps or TX amplifiers.

Thanks,

Jeff Grey
N8EIP

1108. Re: You're men are already dead.

Newsgroup: rec.radio.amateur.space
Date: 2000-04-17 00:00:00 UTC
From: Liberty_nits <one.big.asshole@ahole.com>
Message-ID: <38FB3469.7E47685A@ahole.com>
Source record: 9642
Cross-posted to:
rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,rec.radio.swap

Mentality of a CBer.....0

Dave or Debby wrote:
>
> He is reading it because this IS the CB news group! You Hambo's GET OFF my
> newsgroup frequency & take your Hambobo QSO's to another newsgroup! OR I
> will blast you with my 10 gigobite digital liniker & blow your pooters up
> with my 27 megacycle digital pooter liniker!!!!! (with my 108" whip
> hooked to my modem) !!!! I's will be WORLDWIDE then!!!!!
> Dave!!!!!!
>
> Steve wrote in message <38d65822_1@news.continet.com>...
>
> Bob <bob@bob.com> wrote in message news:38D5BFB7.68447FD3@bob.com...
>
> >
> > I really couldn't care less about HAM radio.
>
> Then why post anything at all? Why are you even reading the news group?

1109. Re: 60 Days until I turn in my VE badge.... It's Gone.

Newsgroup: rec.radio.amateur.space
Date: 2000-04-17 00:00:00 UTC
From: Mike Yetsko <joe@user.com>
Message-ID: <2nFK4.36450$y4.1329887@newsread1.prod.itd.earthlink.net>
Source record: 9643
Cross-posted to: rec.radio.scanner,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.shortwave

Poor Baby!!!!!

dana <dana@randomc.com> wrote in message
news:Pine.GSO.4.10.10004141918210.25318-100000@cluster2...
> I am ready to give the hobby a bad name in a hot minute. They just
gave
> all the bands away, and i am verry mad about it.
>
> On Wed, 12 Apr 2000, K5DRB wrote:
>
> > Date: Wed, 12 Apr 2000 23:22:28 -0500
> > From: K5DRB <k5drb@cei.net>
> > Newsgroups: rec.radio.scanner, rec.radio.amateur.misc,
> > rec.radio.amateur.policy, rec.radio.amateur.space,
> > rec.radio.shortwave
> > Subject: Re: 60 Days until I turn in my VE badge.... It's Gone.
> >
> > I tell you this Vincent is a disgrace to the Amateur Radio hobby.
Why don't
> > you do us all a favor and give up your callsign as well. Then you
can go
> > back to the 11 meter group. Real Amateur radio operators don't want
dumb
> > butts like you giving our hobby a bad name.
> >
> >
> > Donald
> >
> > K5DRB (AND PROUD OF IT !!!!!)
> > Keith Wood wrote in message <38F4CC5E.E515678@bctv.com>...
> > >
> > >
> > >"Vincent Fiscus, KB7ADL" wrote:
> > >>
> > >> I sent my badge in today, I hope the VEC gets it by the 15th.
> > >>
> > >> KB7ADL
> > >
> > >Cool! Thank you!
> > >
> > >Usually when people have tantrums they don't fulfill their
promises.
> >

> >
> >
> >
>

1110. Yeasu FT-726R Multi-Mode

Newsgroup: rec.radio.amateur.space
Date: 2000-04-17 00:00:00 UTC
From: Steve <smerrick@apex2000.com>
Message-ID: <sfmctgjn5c2115@corp.supernews.com>
Source record: 9644

Yeasu FT- 726R Triband Satellite Rig.Has 2 meter and 6 meter modules.Room
for
one more.Radio is in good shape.The frequency display is a little dim but
readable.10 watts output on FM and SSB.Has tone board. 10 memory
channels.Hand mic and operation manual.$400 plus shipping.
smerrick@apex2000.net

1111. Re: FO-20 & FO-29

Newsgroup: rec.radio.amateur.space
Date: 2000-04-18 00:00:00 UTC
From: Christopher Cox <cobox@urec.net>
Message-ID: <01bfa8d2$68157b20$78c8a8c0@CBX-NT>
Source record: 9645

> for AO-27. Since I have very short runs of cable (11ft of RG213) to
> both radios do you think I would be able to work or hear FO-29 & FO-20
> for mode JA work? I don't currently own any preamps or TX amplifiers.
>

Heck yes.... well you will be VERY busy...
Adjust for Doppler... Adjust tripod...
Adjust for Doppler... Adjust tripod...
Adjust for Doppler... Adjust tripod...
Adjust for Doppler... Adjust tripod...
Adjust for Doppler... Adjust tripod...
Adjust for Doppler... Adjust tripod...
Adjust for Doppler... Adjust tripod...
Adjust for Doppler... Adjust tripod...

Regards

Christopher Cox
KC8FRJ

1112. Sat to GPS??

Newsgroup: rec.radio.amateur.space
Date: 2000-04-18 00:00:00 UTC
From: Scott & Diane Beidler <fsufan5@earthlink.net>
Message-ID: <38FBC216.1B64DCA5@earthlink.net>
Source record: 9646

Does anyone know of software to patch satellite tracking info into a
GPS.

Thanks in advance,

Scott

1113. Re: Sat to GPS??

Newsgroup: rec.radio.amateur.space
Date: 2000-04-18 00:00:00 UTC
From: Dennis <wa8shc@stratos.net>
Message-ID: <956055456.88192@newscache.cleveland.core.com>
Source record: 9647

why would you want to do this when a GPS only needs to recieve a signal and
does not need to track anything?

--
Dennis WA8SHC

Scott & Diane Beidler <fsufan5@earthlink.net> wrote in message
news:38FBC216.1B64DCA5@earthlink.net...
> Does anyone know of software to patch satellite tracking info into a
> GPS.
>
> Thanks in advance,
>
> Scott
>

1114. a kenwood ts-850 sat for 5 US $

Newsgroup: rec.radio.amateur.space
Date: 2000-04-18 00:00:00 UTC
From: 14MI63 <14mi63@caramail.com>
Message-ID: <8di06f$i7c$4@wanadoo.fr>
Source record: 9648

Hi every body
i m doing a big tombola
You can win my kenwood TS- 850 SAT for only 5 US $
If you are interested to have a kenwood rig for only 5 US $
go to my site :
http://14mi63.virtualave.com
the transaction is securised and you a have 2 days for change your mind

It' s a good deal for you and for me ...
thank's to read this mail
for more information you can write me to : 14mi63@caramail.com

1115. kenwood for 5 us$ error in the url

Newsgroup: rec.radio.amateur.space
Date: 2000-04-19 00:00:00 UTC
From: 14MI63 <14mi63@caramail.com>
Message-ID: <8dja2jpnt1@wanadoo.fr>
Source record: 9549
Cross-posted to:
rec.radio.amateur.misc,rec.radio.amateur.space,rec.radio.cb,rec.radio.scanner,rec.radio.shortwave,uk.radio.amateur

there was an error in my last msg , the good url for my tombola is
http://14mi63.virtualave.net
Hi every body
You can win my kenwood TS- 850 SAT for only 5 US $
If you are interested to have a kenwood rig for only 5 US $
go to my site :
http://14mi63.virtualave.net
the transaction is securised and you a have 2 days for change your mind

It' s a good deal for you and for me ...
thank's to read this mail
for more information you can write me to : 14mi63@caramail.com

1116. FS: ELEVATION/AZMITH ROTOR

Newsgroup: rec.radio.amateur.space
Date: 2000-04-19 00:00:00 UTC
From: jcs4us@earthlink.net
Message-ID: <38fd56cd.53293176@news.earthlink.net>
Source record: 9550

FOR SALE: YAESU 5400 ELEVATION/AZMITH SAT. ROTOR.. $250.00 ROTORS ONLY..

EMAIL: jcs4us@earthlink.net
EMAIL: jcs4us@earthlink.net Thank You, Alan

1117. Satellite Recommendations

Newsgroup: rec.radio.amateur.space
Date: 2000-04-19 00:00:00 UTC
From: John Reed <jreed@NOSPAM.thor.atl.ga.us>
Message-ID: <sfsso5d4in214@corp.supernews.com>
Source record: 9551

Hi Folks:

I recently moved into a new house that was previously owned by a ham. This new place came with satellite antennas on a roof mounted tripod, with a Yeasu 5400 Az/El rotor.

Now, since I have this nice equipment, I plan to put it to use, but I'm a little curious about satellite gear, and what to buy.

I've been looking at the Yeasu FT-847 as well as the Icom IC-821. There's also Kenwood TS-790's out there on the resale market.

What would you get?

I already have a Kenwood 690 for HF and 6m, but I do not own any allmode gear on VHF or UHF.

The Kenwood 790 would be nice as it would "match" my 690, but it would be used gear...

The Icom 821 is a nice rig, from what I can read on the specs, but the Yeasu 847 does everything the 821 does, and I'd have a backup rig for HF and 6M - plus its only $100 more than the 821.

So, you who are so wise in the ways of satellite, what would you do? Which is a better radio, and one the most adapted for voice satellite. (I don't own any PSK gear to play on the digital satellite modes). Price isn't the issue here, its performance, - but I'm down to the three rigs listed above.

Please reply to the group, or send me email privately, removing the "NOSPAM" from it.

Thanks in advance.

John, N4TII

1118. Re: Satellite Recommendations

Newsgroup: rec.radio.amateur.space
Date: 2000-04-20 00:00:00 UTC
From: Frank <pe1knl@nospam.amsat.org>
Message-ID: <3uktfsocb7blq5g6mcdpsvf782eh5uaji1@4ax.com>
Source record: 9552

On Wed, 19 Apr 2000 22:59:43 -0400, "John Reed"
<jreed@NOSPAM.thor.atl.ga.us> wrote:

>Hi Folks:
>
>I recently moved into a new house that was previously owned by a ham. This
>new place came with satellite antennas on a roof mounted tripod, with a
>Yeasu 5400 Az/El rotor.
>
>Now, since I have this nice equipment, I plan to put it to use, but I'm a
>little curious about satellite gear, and what to buy.
>
>I've been looking at the Yeasu FT-847 as well as the Icom IC-821. There's
>also Kenwood TS-790's out there on the resale market.
>
>What would you get?
>
>I already have a Kenwood 690 for HF and 6m, but I do not own any allmode
>gear on VHF or UHF.
>
>The Kenwood 790 would be nice as it would "match" my 690, but it would be
>used gear...
>
>The Icom 821 is a nice rig, from what I can read on the specs, but the Yeasu
>847 does everything the 821 does, and I'd have a backup rig for HF and 6M -
>plus its only $100 more than the 821.
>
>So, you who are so wise in the ways of satellite, what would you do? Which
>is a better radio, and one the most adapted for voice satellite. (I don't
>own any PSK gear to play on the digital satellite modes). Price isn't the
>issue here, its performance, - but I'm down to the three rigs listed above.
>
>Please reply to the group, or send me email privately, removing the "NOSPAM"
>from it.
>
>Thanks in advance.
>
>John, N4TII
>
>

I like my IC-821 very much, it has dualband receive (the FT-847
doesn't) so you can listen/be standby at both VHF & UHF at the same
time.
I sold my "old" 2 seperate VHF & UHF rig's and still wanted to be QRV

on 145 & 435 Mc at the same time.
The IC-821 has switchable Pre-amp powersupply (menu controlled),
the Kenwood TS-790 doesn't...

I used a FT-847 once during 3 weeks on a expidition to Malta ('98 /
9H3QH) but had several times QRM from my own uplink on 145 Mc on my
downlink on 435 Mc (using simple antennas) working FO20 & FO29.

Never had QRM at home from my own IC-821 working whatever satellite.

73's de Frank (pe1knl@nospam.amsat.org)

1119. Re: Satellite Recommendations

Newsgroup: rec.radio.amateur.space
Date: 2000-04-20 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8ftp7k.26h.nomail@linux.pe1chl.ampr.org>
Source record: 9553

John Reed <jreed@NOSPAM.thor.atl.ga.us> wrote:
>I've been looking at the Yeasu FT-847 as well as the Icom IC-821. There's
>also Kenwood TS-790's out there on the resale market.

Avoid the Kenwood.
Other suitable (older) transceivers are the Yaesu FT-736 and 726.

>The Kenwood 790 would be nice as it would "match" my 690, but it would be
>used gear...

It has some problems. This might be why it is so widely available.

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

1120. Re: FO-20 & FO-29

Newsgroup: rec.radio.amateur.space
Date: 2000-04-20 00:00:00 UTC
From: marsgal42@hotmail.com
Message-ID: <8dnti0erg1@nnrp1.deja.com>
Source record: 9554

In article <38FA8CFC.54E@aol.com>,
cdma77@aol.com wrote:
> Hello all could somebody answer this question below:
>
> I currently have a 2mtr multimode radio that puts out 25 watts. I
also
> own a 430 multimode radio that puts out 25 watts. I own a Arrow
antenna
> for AO-27. Since I have very short runs of cable (11ft of RG213) to
> both radios do you think I would be able to work or hear FO-29 & FO-20
> for mode JA work? I don't currently own any preamps or TX amplifiers.

Why not try it and see? Am I missing something?

Laura Halliday VA3LDH/7 "C'est la mer!"
Grid: CN89mg - P. Ester

Sent via Deja.com http://www.deja.com/
Before you buy.

1121. Re: FO-20 & FO-29

Newsgroup: rec.radio.amateur.space
Date: 2000-04-21 00:00:00 UTC
From: treynolds@email.exide.com
Message-ID: <8dqp7oeph1@nnrp1.deja.com>
Source record: 9555

In article <38FA8CFC.54E@aol.com>,
cdma77@aol.com wrote:
> Hello all could somebody answer this question below:
>
> I currently have a 2mtr multimode radio that puts out 25 watts. I
also
> own a 430 multimode radio that puts out 25 watts. I own a Arrow
antenna
> for AO-27. Since I have very short runs of cable (11ft of RG213) to
> both radios do you think I would be able to work or hear FO-29 & FO-20
> for mode JA work? I don't currently own any preamps or TX amplifiers.
>
> Thanks,
>
> Jeff Grey
> N8EIP
Sure. I use 25w into a small beam on 2m and do ok. My receive setup is
a little different but also kind of humble. I can still hear the birds
well. My signal is one of the weaker ones out there but I do make
contacts.
FO-20 is great. 100 KHz bandpass and no QRM at all (not enough
activity). Much more pleasant than RS-12/13. I haven't used FO-29
much.
73,
Tom

Sent via Deja.com http://www.deja.com/
Before you buy.

1122. Re: Satellite Recommendations

Newsgroup: rec.radio.amateur.space
Date: 2000-04-23 00:00:00 UTC
From: Dennis <wa8shc@stratos.net>
Message-ID: <956495928.684066@newscache.cleveland.core.com>
Source record: 9556

I used a TS-790 on ao-13 for several years, and plan on using it on P3D.
It's a good radio, but lacks the 'tracking' of the VFO's like the Yaesu
726/736.

--
Dennis WA8SHC

John Reed <jreed@NOSPAM.thor.atl.ga.us> wrote in message
news:sfsso5d4in214@corp.supernews.com...
> Hi Folks:
>
> I recently moved into a new house that was previously owned by a ham.
This
> new place came with satellite antennas on a roof mounted tripod, with a
> Yeasu 5400 Az/El rotor.
>
> Now, since I have this nice equipment, I plan to put it to use, but I'm a
> little curious about satellite gear, and what to buy.
>
> I've been looking at the Yeasu FT-847 as well as the Icom IC-821. There's
> also Kenwood TS-790's out there on the resale market.
>
> What would you get?
>
> I already have a Kenwood 690 for HF and 6m, but I do not own any allmode
> gear on VHF or UHF.
>
> The Kenwood 790 would be nice as it would "match" my 690, but it would be
> used gear...
>
> The Icom 821 is a nice rig, from what I can read on the specs, but the
Yeasu
> 847 does everything the 821 does, and I'd have a backup rig for HF and
6M -
> plus its only $100 more than the 821.
>
> So, you who are so wise in the ways of satellite, what would you do?
Which
> is a better radio, and one the most adapted for voice satellite. (I don't
> own any PSK gear to play on the digital satellite modes). Price isn't the
> issue here, its performance, - but I'm down to the three rigs listed
above.
>
> Please reply to the group, or send me email privately, removing the
"NOSPAM"

> from it.
>
> Thanks in advance.
>
> John, N4TII
>
>
>

1123. French sstv site (in french and english)

Newsgroup: rec.radio.amateur.space
Date: 2000-04-23 00:00:00 UTC
From: jerome <jerome.fsstv36@free.fr>
Message-ID: <6zDM4.2664$nE7.4105324@nnrp6.proxad.net>
Source record: 9557

I udapte my french sstv site at:

Http://jerome.fsstv36.free.fr

73'51 88 de 14FSSTV36

1124. Make USD Dollars from reading E-mails for FREE!!!

Newsgroup: rec.radio.amateur.space
Date: 2000-04-23 00:00:00 UTC
From: Eran Abramovitz <eabramov@yahoo.com>
Message-ID: <39030dfa@news.barak.net.il>
Source record: 9558

```
Click on the link and sign, Its FREE!!!
Make alot of Dollars!
http://www.sendmoreinfo.com/id/748243
```

1125. website !

Newsgroup: rec.radio.amateur.space
Date: 2000-04-23 00:00:00 UTC
From: Andrew Rea <aprea@cableinet.co.uk>
Message-ID: <gZIM4.7157$VR6.685530@news3.cableinet.net>
Source record: 9559
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,uk.radio.amateur

take a look at http://jove.prohosting.com/~andyrea

there's some radio links n' stuff

--
Andy Rea

aprea@blueyonder.co.uk

Visit my web site http://jove.prohosting.com/~andyrea

1126. information

Newsgroup: rec.radio.amateur.space
Date: 2000-04-23 00:00:00 UTC
From: hcrane@thezone.net
Message-ID: <39038810.66819204@news.thezone.net>
Source record: 9560

can some one tell me where on the net i can email mir
or do voice with them
also. the of split vhf freq the chat wth them or hf freq to chat to them and a good program to use to track the mir station if you have such a program can u send it to me thanks.

1127. Re: information

Newsgroup: rec.radio.amateur.space
Date: 2000-04-24 00:00:00 UTC
From: Malenymph@hot.net
Message-ID: <39039f9e.94682331@news.idsi.net>
Source record: 9561

On Sun, 23 Apr 2000 23:33:44 GMT, hcrane@thezone.net (harmond) wrote:

>can some one tell me where on the net i can email mir
>or do voice with them
>also.

You can't e-mail Mir. You can have a chance to talk to them on 2m
however if you are a amateur radio operator.

>the of split vhf freq the chat wth them or hf freq to chat to
>them and a good program to use to track the mir station if you have
>such a program can u send it to me thanks.

They use simplex on 2m currently. I use STSORBIT PLUS. Go here to
download it:

http://www.dransom.com/

Tom

1128. ANNOUNCEMENT: Dayton Hamvention PACK*BASH!

Newsgroup: rec.radio.amateur.space
Date: 2000-04-24 00:00:00 UTC
From: srbible@gate.net
Message-ID: <3904de32.12737125@news.gate.net>
Source record: 9562

Dayton Activities

Attending the 2000 Dayton Hamvention? Then don't miss out on
PACK*BASH!

What?
An event for the digitally-inclined ham, featuring:
* Buffet dinner
* Keynote Address: "Amateur Radio and Submarine NR-1"
by CDR Chas Richard, W4HFZ, USN

Commander Richard will give an overview and description of
Submarine NR-1, the U.S. Navy's only nuclear powered, deep
submergence submarine. He'll talk about highlights of some
recent missions, including the 1997 "Isis" operations in the
Mediterranean with Dr. Robert Ballard, with details of the
discovery of the oldest known shipwrecks in the deep ocean.
He'll also talk about Amateur Radio Operations on NR-1 and her

support ship Carolyn Chouest, and on Amateur Radio's impact
and benefits to both the ship and the crew.

* TAPR special interest group meetings
* "Birds of a Feather" gatherings

When?
Friday evening, May 19, 2000
Doors open at 7:00 pm; dinner served at 7:30 pm
Speaker and meetings after dinner

Where?
NCR "Sugarcamp" Conference Center, 101 W. Schantz Ave. --
South of downtown Dayton, just west of Main St. (Rt 48).
Maps available on the TAPR web site (www.tapr.org) or at the
TAPR booth.

How?
Dinner requires advance registration and payment through TAPR.
Tickets will be available at the TAPR booth on Friday, though
we strongly encourage registration <before> Hamvention.
The cost is $25.00 per person, tax and tip included.

All amateurs are welcome to attend, enjoy the speaker, and
particpate in the meetings, although only those purchasing
a dinner can eat.

To register, contact:
PACK*BASH
c/o TAPR
8987-309 E. Tanque Verde Road #337
Tucson, AZ 85749-9399

Phone: (940) 383-0000
Fax: (940) 566-2544
Internet: tapr@tapr.org

Visa/Mastercard Accepted

Who?
PACK*BASH is co-sponsored by TAPR -- Tucson Amateur Packet
Radio, the national leader in digital communication -- and the
Miami Valley FM Association, Dayton's packet radio club.

For more information (including maps), go to
http://www.tapr.org/tapr/html/dayton.html, or send email to
tapr@tapr.org.
You can request information via packet radio at
BASH@W8APR.#DAY.OH.USA.NOAM.

1129. FT-847 Earphone volume

Newsgroup: rec.radio.amateur.space
Date: 2000-04-26 00:00:00 UTC
From: Greg <greglh@gte.net>
Message-ID: <39067991.349461E8@gte.net>
Source record: 9563

Can anyone answer a question about the earphone volume on the Yaesu FT-847? At a given setting.the speaker volume is more than adequate, while the earphone volume is very low into 'standard' 8 ohm stereo headphones.

I notice the owners manual says the unit is 'optimized' for 16 to 32 ohm headphones....I have never owned headphones with this impedance value....could the mismatch account for a tremendous difference in listeneing level?

Any insights into this from other FT-847 owners?

Thanks, Greg K7YDL

1130. Re: FT-847 Earphone volume

Newsgroup: rec.radio.amateur.space
Date: 2000-04-26 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8gdgpq.em9.nomail@linux.pe1chl.ampr.org>
Source record: 9564

Greg <greglh@gte.net> wrote:
>Can anyone answer a question about the earphone volume on the Yaesu
>FT-847? At a given setting.the speaker volume is more than adequate,
>while the earphone volume is very low into 'standard' 8 ohm stereo
>headphones.

> I notice the owners manual says the unit is 'optimized' for 16 to 32
>ohm headphones....I have never owned headphones with this impedance
>value....could the mismatch account for a tremendous difference in
>listeneing level?

Yes, that could well be. When the radio adapts the power level using a
series resistor, a lower-impedance headphone will receive less power than a
higher-impedance type.

Cheap "walkman-type" headphones usually are 32 ohms, and when you wire the
two halves in parallel you get 16 ohms; apparently that is what they expect
you to use.

When you want to use your existing headphone, lower the series resistor
that is probably found near the headphone connector. Or use a transformer
(e.g. from a sixties transistor radio) between the radio and the headphone.

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

1131. mir voice

Newsgroup: rec.radio.amateur.space
Date: 2000-04-28 00:00:00 UTC
From: Mike Gao/BD4OS <write@mail-me.com>
Message-ID: <8ec801$or5$1@news.cz.js.cn>
Source record: 9565

```
utc 4/27/13:40,I have received mir voice at 143.625,the first word
"test...",the came russian which I couldn't understand even a word....but
the signal level is very strong....
btw:my qth is weihai,china....gird: pm17bm

--
Mike Gao/BD4OS (WeiHai) .-.
Tel:631-5806721,9023454 / \
Fax:631-5805837 / \
Icq Uin: 4224945 / \
Http://210.77.34.60/hamradio / \ .-. .-. .-
E-mail: ham@mail.com (Only Ham) \ / \ / \ /
write@mail-me.com (Business) \ / \ / \ /
Packet-mail: bd4os@vk6tn.#wa.aus.oc `-' `-' `-'
```

1132. Helix Antennas

Newsgroup: rec.radio.amateur.space
Date: 2000-04-28 00:00:00 UTC
From: KQ4TX <jrjrt@bellsouth.net>
Message-ID: <3909386E.4232@bellsouth.net>
Source record: 9566

Is there any of you space Hams out there using 435 mhz helical
antennas..If so could you give me some info on what you are using
or what you recommend..I'm not interested in hearing about you giving
up your VE, thank you..Just joking..
Kq4tx Joe

1133. FA Transco "Y" Relays w/ N Connectors Last day

Newsgroup: rec.radio.amateur.space
Date: 2000-04-28 00:00:00 UTC
From: John Klewer <n6ax@pacbell.net>
Message-ID: <3909E708.A4D1E629@pacbell.net>
Source record: 9567
Cross-posted to: rec.radio.swap,rec.radio.amateur.space

FA on ebay transco type Y relay....two available, with N connectors

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=314311684

Ends tomorrow evening.

Thanks

John

1134. Vente D&#65533;cam&#65533;trique

Newsgroup: rec.radio.amateur.space
Date: 2000-04-29 00:00:00 UTC
From: f5dvu <f5dvu@wanadoo.fr>
Message-ID: <8eed2o$m32$1@wanadoo.fr>
Source record: 9568

De: f5dvu <f5dvu@wanadoo.fr>
Objet: Vente Mat&#65533;riel Radioamateur.
Date : jeudi 27 avril 2000 08:53

Bonjour &#65533; tous je revend du mat&#65533;riel radioamateur qui est le suivant
D&#65533;cam&#65533;trique TS870 HF Toutes bandes avec en cadeau le SP31 Haut parleur avec
filtrage + un micro MC60 ** PRIX pour le tout 12000f..
Merci d'avoir lu se message de vente

```
Cordialement Eddy.
--
Mr et Mme Lannoy Eddy
et leurs enfants
chez Marmiton
74570 Evires
France
Tel : 04.50.62.08.94
Portable : 06.88.40.64.01
E-MAIL . f5dvu@wanadoo.fr
```

1135. Re: Helix Antennas

Newsgroup: rec.radio.amateur.space
Date: 2000-04-29 00:00:00 UTC
From: Ash <ash@vvv.tf>
Message-ID: <390ACCC7.BCDD99D2@vvv.tf>
Source record: 9569

Personally I only use Helixes on 23cm band,
but check out this page:

http://www.webcom.com/af9y/helix.htm

Might help perhaps...

KQ4TX wrote:

> Is there any of you space Hams out there using 435 mhz helical
> antennas..If so could you give me some info on what you are using
> or what you recommend..I'm not interested in hearing about you giving
> up your VE, thank you..Just joking..
> Kq4tx Joe

1136. 2000 Newsline Young Ham of the Year Nominations Deadline: MAY 30, 2000

Newsgroup: rec.radio.amateur.space
Date: 2000-04-29 00:00:00 UTC
From: n5zgt@swcp.com
Message-ID: <390b3185.109111927@news.swcp.com>
Source record: 9570
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,rec.radio.amateur.digital,rec.radio.amateur.space

Do you know of a deserving youth Amateur Radio who could be a candidate for the 2000 Newsline Young Ham of the Year Award? This bit of information is for you. Please spread the word to all Amateur Radio operators and Amateur Radio clubs you know, and consider nominating that young individual who has contributed to the betterment of Amateur Radio. Nomination Deadline: MAY 30, 2000

The nominating period for 2000 "Young Ham of the Year Award" is now open. Originally known as the "Westlink Report Young Ham of the Year," this award program, now entering its second decade, is presented annually to a United States licensed Radio Amateur (Ham) who is 18 years of age or younger and who has provided outstanding service to the nation, his community or the betterment of the state of the art in communications through the Amateur Radio hobby/service. (Please see application form for details.) Any continental United States (48 contiguous states) FCC licensed Amateur Radio operator aged 18 and younger who has used Amateur Radio to significantly contribute to the benefit of the service, to the sate of the communications art, to their community or the nation is eligible to be nominated.

All nominations must be submitted BEFORE May 30, 2000 on an official application and accompanied by verification materials. Applications forms are available for a self addressed stamped envelope mailed to the 2000 Young Ham of the Year Award % Newsline, 28197 Robin Avenue Santa Clarita California 91350. These nominating applications are also available for electronic download from our website at http://www.arnewsline.org. With continued corporate sponsorship, the award presentation is scheduled take place this summer at the 1999 Huntsville Hamfest. The Huntsville Hamfest, Chaired by Mr. Scotty Neustadter, W4WW, is one of the nations largest and most popular Amateur Radio conventions. It is held annually the third weekend in August at the Von Braun Civic Center in downtown Huntsville and usually attracting some 7000 attendees.

1137. looking for a Ghz receiver

Newsgroup: rec.radio.amateur.space
Date: 2000-04-29 00:00:00 UTC
From: Sam <alphacentauriNOalSPAM@i-plus.net.invalid>
Message-ID: <045e493a.383d5366@usw-ex0102-084.remarq.com>
Source record: 9571

Iam looking for a Ghz receiver such as 1 to 2.4 or 2.6 Ghz. With
P.C. hook ups. Thanks, Sam alphacentauri@i-plus.net

* Sent from RemarQ http://www.remarq.com The Internet's Discussion Network *
The fastest and easiest way to search and participate in Usenet - Free!

1138. Looking for Psat add on for Geoclock

Newsgroup: rec.radio.amateur.space
Date: 2000-04-30 00:00:00 UTC
From: Mark Pritchard <mark.pritchard2@virgin.net>
Message-ID: <dMKO4.3117$E44.67248@news6-win.server.ntlworld.com>
Source record: 9572

When GeoClock had its own BBS some years ago there was a program
you could add on to it that tracked satellites too... I wonder if anyone has
this or knows how to get a copy.....I've looked just about everywhere and
the author of Geoclock doesn't seem to know about this.

Please if anyone could help I would greatly appreciate it. I don't know
how well it worked but would like to "check it" for myself. I have a few
satellite tracking programs and I prefer the old DOS programs like
Instant Track

Mark

1139. Re: 2000 Newsline Young Ham of the Year Nominations Deadline: MAY 30, 2000

Newsgroup: rec.radio.amateur.space
Date: 2000-04-30 00:00:00 UTC
From: "D. Stussy" <kd6lvw@bde-arc.ampr.org>
Message-ID: <Pine.LNX.4.10.10004300243590.551-100000@dns.bde-arc.ampr.org>
Source record: 9573
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,rec.radio.amateur.digital,rec.radio.amateur.space

TSIA: SPAM! A secret, covert operation of Bill Pasternak surfaces again.

1140. Re: Looking for Psat add on for Geoclock

Newsgroup: rec.radio.amateur.space
Date: 2000-04-30 00:00:00 UTC
From: deduane@my-deja.com
Message-ID: <8eh0h0vcd1@nnrp1.deja.com>
Source record: 9574

In article <dMKO4.3117$E44.67248@news6-win.server.ntlworld.com>,
"Mark Pritchard" <mark.pritchard2@virgin.net> wrote:
> When GeoClock had its own BBS some years ago there was a program
> you could add on to it that tracked satellites too... I wonder if
anyone has
> this or knows how to get a copy.....I've looked just about everywhere
and
> the author of Geoclock doesn't seem to know about this.

Mark, just in passing...have you been in touch with Geoclock's author recently? I'm trying to find an e-mail address for him. I was about to buy the CD-ROM with the complete collection of Geoclock maps, only to find that his web page had shut down (it simply had a banner on it saying "Closed" some weeks ago) and now has vanished completely, even to the root server. Any thoughts?

Thanks in advance. BTW, if you reply, please use owlsprng@iol.ie instead of the deja-com address.

Best regards,
Diane Duane

Sent via Deja.com http://www.deja.com/
Before you buy.

1141. kind invitation: NL0FS-RadioPages

Newsgroup: rec.radio.amateur.space
Date: 2000-04-30 00:00:00 UTC
From: Franz <fschmidt@casema.net>
Message-ID: <390b7b77$0$10045@reader2>
Source record: 9575

Regards

--
Frans Schmidt

The -=NL0FS=-RadioPages:
REFERENCES FOR THE RADIOHOBBYIST:
included:
* best digital multimode stations webring
* radio chatroom
* live talking chatroom
* icq cb/shortwave/scanner people ring
* radio-modes poll
* radio message board
* askme.com : about radio
ETC.

WELCOME AT:

http://go.to/nl0fs

1142. NEW WORLD WIDE VOICE TEXT CHAT

Newsgroup: rec.radio.amateur.space
Date: 2000-04-30 00:00:00 UTC
From: MITBR <mitbr@earthlink.net>
Message-ID: <%L1P4.11111$g4.321955@newsread2.prod.itd.earthlink.net>
Source record: 9576
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.space

Hello!!
I have a web page dedicated to the radio hobby here in Tampa Bay Florida. I am in the process of launching a new audio chat network on a channel for amateur radio enthusiasts. The idea is for webmasters to put the small html code somwhere on their amateur radio web page which would be linked all together worldwide. The system utilizes the new HearMe plugin which is a small 80k or so program new visitors of the amateur radio audio chat would download upon landing on the page which has the html code for the plugin. Please let me know if you decide to use the system so I can add your site to my links page to let others know your site is connected to the network. For a demonstration of the system you may email me for a time and date so you can see it in action. To get the html code please visit my web site below. To get further info on the HearMe requirments to have it work click on the help are for Hear Me on my web site. I am in no way affiliated with HearMe and my web site is a noncomercial page.You may also visit my radio page at the url below from 7pm to 8pm eastern time every day I try to be in my scanner audio chat at that time. I look forward to hearing from.
Thankyou
Best Regards
Tim Breckon--
Please visit my web site url below
Tampa Bay Radio Page
http://home.earthlink.net/~mitbr/Mi01000.htm

1143. mir voice

Newsgroup: rec.radio.amateur.space
Date: 2000-04-30 00:00:00 UTC
From: Mike Gao/BD4OS <write@mail-me.com>
Message-ID: <8ehfp3$31f4$1@news.cz.js.cn>
Source record: 9577
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,rec.radio.amateur.digital,rec.radio.amateur.space

UTC:4/30/1:03 I have received mir voice and recorded it,if you need it,email me....

--
Mike Gao/BD4OS (WeiHai) .-.
Tel:631-5806721,9023454 / \
Fax:631-5805837 / \
Icq Uin: 4224945 / \
Http://210.77.34.60/hamradio / \ .-. .-. .-
E-mail: ham@mail.com (Only Ham) \ / \ / \ /
write@mail-me.com (Business) \ / \ / \ /
Packet-mail: bd4os@vk6tn.#wa.aus.oc `-' `-' `-'

1144. Which coax?

Newsgroup: rec.radio.amateur.space
Date: 2000-04-30 00:00:00 UTC
From: Pat Cox <peacox@gloryroad.net>
Message-ID: <390CB256.F0180135@gloryroad.net>
Source record: 9578

Am restoring an old Cushcraft AO-1 P (Oscar Pack antennas- 145/435 on short boom). Have gathered tower, Icom mast mounted pre-amps (AG1 and AG 25), and Yaesu G-5400 B rotors. Using Icom 271/471. Which coax would be best for my situation? Also looking for Icom UX-14. Thanks for your help and suggestions. Pat K4AVO

1145. 200 WATTS ??

Newsgroup: rec.radio.amateur.space
Date: 2000-04-30 00:00:00 UTC
From: Sam <alphacentauriNOalSPAM@i-plus.net.invalid>
Message-ID: <009912d8.cb7a06c9@usw-ex0105-034.remarq.com>
Source record: 9579

If I ran 200 watts with my Yaesu FT-8100R would it be to much to
contact the mir space station with ? Would the cosmonauts tell
me to turn down my power ? I was wanting to get that info before
I go out and by the 200w amp . Thanks, Sam
alphacentauri@i-plus.net

* Sent from RemarQ http://www.remarq.com The Internet's Discussion Network *
The fastest and easiest way to search and participate in Usenet - Free!

1146. Re: Which coax?

Newsgroup: rec.radio.amateur.space
Date: 2000-04-30 00:00:00 UTC
From: Glenn <glenn.hansen@usa.net>
Message-ID: <3E4P4.663$oT4.73825@news.uswest.net>
Source record: 9580

Time Microwave LM-400.

"Pat Cox" <peacox@gloryroad.net> wrote in message
news:390CB256.F0180135@gloryroad.net...
> Am restoring an old Cushcraft AO-1 P (Oscar Pack antennas- 145/435 on
> short boom). Have gathered tower, Icom mast mounted pre-amps (AG1 and AG
> 25), and Yaesu G-5400 B rotors. Using Icom 271/471. Which coax would be
> best for my situation? Also looking for Icom UX-14. Thanks for your help
> and suggestions. Pat K4AVO
>

1147. Re: Satellite Recommendations

Newsgroup: rec.radio.amateur.space
Date: 2000-04-30 00:00:00 UTC
From: "Leland C. Scott" <no-spam@junk-mail.net>
Message-ID: <8eiop6$qv7@nnrp4.farm.idt.net>
Source record: 9581

"John Reed" <jreed@NOSPAM.thor.atl.ga.us> wrote in message
news:sfsso5d4in214@corp.supernews.com...
> I've been looking at the Yeasu FT-847

Check out this list server. It will answer all your questions about the 847.

http://www.en.com/users/rayd/ft-847/wwwboard/wwwboard.html
http://207.206.11.2/ft-847/ft847faq.htm

--
73's,

Leland C. Scott
KC8LDO

ARRL member
NCI member

"You ask what Morse Code is good for? I'll tell you. Morse
Code is used exclusively by Electronics Based life forms to
communicate amongst themselves using advanced Organic
Digital Signal Processors, running state of the art Artificial
Intelligence Software, to perform the highly complex
transmit encryption, receive decryption and error correction
functions."

1148. WTB M2 (M Squared) 6 Meter Squalo, old style

Newsgroup: rec.radio.amateur.space
Date: 2000-04-30 00:00:00 UTC
From: Joe Leikhim <jleikhim@nettally.com>
Message-ID: <390CFBF5.30326507@nettally.com>
Source record: 9582

Looking for old style M squared (M2) 6 meter Squalo. The old style has
a plastic enclosure for the matching assy. Looking for antenna in new or
like new condition. No corrosion or damage please.

Joe

--
Joe Leikhim K4SAT
Jleikhim@nettally.com

"tv dinner by the pool,
i'm so glad i finished school" -F.Zappa 1967

"The Revolution will NOT be televised" -Gil Scott Heron

Dopeler effect: The tendency of stupid ideas to seem smarter when they
come
at you rapidly.

1149. Re: WTB M2 (M Squared) 6 Meter Squalo, old style

Newsgroup: rec.radio.amateur.space
Date: 2000-04-30 00:00:00 UTC
From: Joe Leikhim <jleikhim@nettally.com>
Message-ID: <390CFC49.8EE06776@nettally.com>
Source record: 9583

oops didn't mean to post here!

Joe Leikhim wrote:

> Looking for old style M squared (M2) 6 meter Squalo. The old style has
> a plastic enclosure for the matching assy. Looking for antenna in new or
> like new condition. No corrosion or damage please.
>
> Joe
>
> --
> Joe Leikhim K4SAT
> Jleikhim@nettally.com
>
> "tv dinner by the pool,
> i'm so glad i finished school" -F.Zappa 1967
>
> "The Revolution will NOT be televised" -Gil Scott Heron
>
> Dopeler effect: The tendency of stupid ideas to seem smarter when they
> come
> at you rapidly.

--
Joe Leikhim K4SAT
Jleikhim@nettally.com

"tv dinner by the pool,
i'm so glad i finished school" -F.Zappa 1967

"The Revolution will NOT be televised" -Gil Scott Heron

Dopeler effect: The tendency of stupid ideas to seem smarter when they come

at you rapidly.

1150. Re: Looking for Psat add on for Geoclock

Newsgroup: rec.radio.amateur.space
Date: 2000-05-01 00:00:00 UTC
From: k_j_5_s_f@ipa.remov.net
Message-ID: <6E232A08FE3017ED.0852D88AA8EA2C62.41FEA03DA2C0F2BA@lp.airnews.net>
Source record: 9584

On Sun, 30 Apr 2000 10:05:24 GMT, deduane@my-deja.com wrote:
>Mark, just in passing...have you been in touch with Geoclock's author
>recently? I'm trying to find an e-mail address for him. I was about to
>buy the CD-ROM with the complete collection of Geoclock maps, only to
>find that his web page had shut down (it simply had a banner on it
>saying "Closed" some weeks ago) and now has vanished completely, even to
>the root server. Any thoughts?

Try http://home.att.net/~geoclock/ has been the web site for
several months now.

1151. Re: mir voice

Newsgroup: rec.radio.amateur.space
Date: 2000-05-01 00:00:00 UTC
From: Sam <alphacentauriNOalSPAM@i-plus.net.invalid>
Message-ID: <1caf5914.e8001d1c@usw-ex0103-018.remarq.com>
Source record: 9585
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,rec.radio.amateur.digital,rec.radio.amateur.space

I asked a fellow ham that had a qso with mir back in 97. He said
that made the qso with only 50 watts. I asked him via e-mail if
I used 200 watts would it be good. He told me that 200 watts
would be overkill. If I used 200 watts would the cosmonauts tell
me to turn down my power? I was wanting to find out if 200 watts
would really be too much or would it just give me a better
chance at the qso before I purchased the 200 watt amp. Thanks
for your time and help. Thanks, Sam
alphacentauri@i-plus.net

* Sent from RemarQ http://www.remarq.com The Internet's Discussion Network *
The fastest and easiest way to search and participate in Usenet - Free!

1152. GPS Selective Availability TURNED OFF!

Newsgroup: rec.radio.amateur.space
Date: 2000-05-02 00:00:00 UTC
From: n5zgt@swcp.com
Message-ID: <390e726c.35085280@news.swcp.com>
Source record: 9586
Cross-posted to: rec.radio.amateur.digital,rec.radio.amateur.digital.misc,rec.radio.amateur.space

Hi All,

For those of you who use APRS, or any other Amateur Radio activities where GPS is used/needed, you will be happy to know that Selective Availability (SA) has been turned OFF, at 0000UTC on May 2, though the full effects weren't noticed until around 0500 UTC.

So, look forward to greater accuracy with your GPS receivers, with less wandering, and improved altitude readings! Make no mistake that there will still be errors caused mainly by the atmosphere.

Also, for those now wondering what will come of DGPS now that SA is off, please remember that DGPS is the most accurate "form" (for lack of better words) of GPS (1-5 meters) -- even better than GPSs WITHOUT SA (unless long averaging is used, similar to the ones used for surveying). So they'll still be used heavily for many applications!

Enjoy!

73,
Brian, N5ZGT

1153. Re: mir voice

Newsgroup: rec.radio.amateur.space
Date: 2000-05-02 00:00:00 UTC
From: ralphmw@aol.com
Message-ID: <20000502095224.24291.00000834@ng-cd1.aol.com>
Source record: 9587

Hi Sam,

The problem with Mir is not power, it's competition. I lived in Hawaii for 4 years & got started with sats there. I had a Kenwood TH-21BT, 1 watt HT hooked up to a Cushcraft 4 element yagi in a fixed position. I sat there waiting for Mir to pass over just to see if I could hear it. Ha!!!! There's no way I could work it with 1 watt & little yagi. 1 other person on the freq sent an unproto packet to check to see if anybody else was on freq & we arranged who would contact Mir first. I planned for failure but was elated to "hit" Mir as it flew over Hawaii. After that I regularly worked Mir both voice & packet with that same set up. I knew people who worked Mir voice with a 5 watt HT & a rubber duck. I got here to the mainland & it was tough. He was working XE1 to VE3 to K6 to K4's. Lots of competition. The biggest pile-up I ever saw in Hawaii was 6 (six) stations. Just be patient, you'll find Mir easy if you could catch him off peak hours. Good luck & 73's.

Ralph NH6QT/3

1154. Re: mir voice

Newsgroup: rec.radio.amateur.space
Date: 2000-05-02 00:00:00 UTC
From: Pat Cox <peacox@gloryroad.net>
Message-ID: <390F4C8F.A7171EBD@gloryroad.net>
Source record: 9588
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,rec.radio.amateur.digital,rec.radio.amateur.space

You don't need the amp. K4AVO

Sam wrote:

> I asked a fellow ham that had a qso with mir back in 97. He said
> that made the qso with only 50 watts. I asked him via e-mail if
> I used 200 watts would it be good. He told me that 200 watts
> would be overkill. If I used 200 watts would the cosmonauts tell
> me to turn down my power? I was wanting to find out if 200 watts
> would really be too much or would it just give me a better
> chance at the qso before I purchased the 200 watt amp. Thanks
> for your time and help. Thanks, Sam
> alphacentauri@i-plus.net
>
> * Sent from RemarQ http://www.remarq.com The Internet's Discussion Network *
> The fastest and easiest way to search and participate in Usenet - Free!

1155. Re: Helix Antennas

Newsgroup: rec.radio.amateur.space
Date: 2000-05-02 00:00:00 UTC
From: Antonio <afranco@rc.mayfield.hp.com>
Message-ID: <8enlqs$5l7$1@nnrp1.deja.com>
Source record: 9589

In article <3909386E.4232@bellsouth.net>,
jrjrt@bellsouth.net wrote:
> Is there any of you space Hams out there using 435 mhz helical
> antennas..If so could you give me some info on what you are using
> or what you recommend..I'm not interested in hearing about you giving
> up your VE, thank you..Just joking..
> Kq4tx Joe
>

Hi Joe,
I've built the helix mentioned in the ARRL Antenna book. Checked it out from the local library. Just using it in rec'v mode right now. Was easy to build and tune.. Works well on the Leo's. Havent compared it to a Quagi I built also yet... Busy with 1st,2nd,& 3rd harmonics right now ;-) .. Only dis-advantage is the polarization. either righthand or lefthand circular.

Homebrew stuff see: http://members.aol.com/k5oe/

73,
Antonio , kf6uef

Sent via Deja.com http://www.deja.com/
Before you buy.

1156. Re: mir voice

Newsgroup: rec.radio.amateur.space
Date: 2000-05-02 00:00:00 UTC
From: TomR@astro.net
Message-ID: <390f58dc.109357708@news.idsi.net>
Source record: 9590
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,rec.radio.amateur.digital,rec.radio.amateur.space

On Tue, 02 May 2000 17:45:51 -0400, Pat Cox <peacox@gloryroad.net>
wrote:

>You don't need the amp. K4AVO

I agree. No amp is needed, my first year I got into the packet
station with a meager 5w through an HT whip but got a mobile rig and
ringo ranger after that. 50W is PLENTY even though some guys use much
more. If you use a beam 5-10w would probably do you just fine.

73,
Tom - KB2SMS

>Sam wrote:
>
>> I asked a fellow ham that had a qso with mir back in 97. He said
>> that made the qso with only 50 watts. I asked him via e-mail if
>> I used 200 watts would it be good. He told me that 200 watts
>> would be overkill. If I used 200 watts would the cosmonauts tell
>> me to turn down my power? I was wanting to find out if 200 watts
>> would really be too much or would it just give me a better
>> chance at the qso before I purchased the 200 watt amp. Thanks
>> for your time and help. Thanks, Sam
>> alphacentauri@i-plus.net
>>
>> * Sent from RemarQ http://www.remarq.com The Internet's Discussion Network *
>> The fastest and easiest way to search and participate in Usenet - Free!
>

1157. Re: NEW WORLD WIDE VOICE TEXT CHAT

Newsgroup: rec.radio.amateur.space
Date: 2000-05-02 00:00:00 UTC
From: primetim@frontiernet.net
Message-ID: <8ennuf$3cao$1@node17.cwnet.frontiernet.net>
Source record: 9591
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.space

In article <%L1P4.11111$g4.321955@newsread2.prod.itd.earthlink.net>, "MITBR"
<mitbr@earthlink.net> wrote:
>Hello!!
> I have a web page dedicated to the radio hobby here in Tampa Bay
>Florida. I am in the process of launching a new audio chat network on a
>channel for amateur radio enthusiasts. The idea is for webmasters to put the
>small html code somwhere on their amateur radio web page which would be
>linked all together worldwide. The system utilizes the new HearMe plugin
>which is a small 80k or so program new visitors of the amateur radio audio
>chat would download upon landing on the page which has the html code for the
>plugin. Please let me know if you decide to use the system so I can add your
>site to my links page to let others know your site is connected to the
>network. For a demonstration of the system you may email me for a time and
>date so you can see it in action. To get the html code please visit my web
>site below. To get further info on the HearMe requirments to have it work
>click on the help are for Hear Me on my web site. I am in no way affiliated
>with HearMe and my web site is a noncomercial page.You may also visit my
>radio page at the url below from 7pm to 8pm eastern time every day I try to
>be in my scanner audio chat at that time. I look forward to hearing from.
>Thankyou
>Best Regards
>Tim Breckon--
>Please visit my web site url below
>Tampa Bay Radio Page
>http://home.earthlink.net/~mitbr/Mi01000.htm
>

I thought that's what RADIOS were for?
>

1158. Re: Which coax?

Newsgroup: rec.radio.amateur.space
Date: 2000-05-02 00:00:00 UTC
From: Jeff Grey <cdma77@aol.com>
Message-ID: <390F9123.9B3@aol.com>
Source record: 9592

Pat Cox wrote:
>
> Am restoring an old Cushcraft AO-1 P (Oscar Pack antennas- 145/435 on
> short boom). Have gathered tower, Icom mast mounted pre-amps (AG1 and AG
> 25), and Yaesu G-5400 B rotors. Using Icom 271/471. Which coax would be
> best for my situation? Also looking for Icom UX-14. Thanks for your help
> and suggestions. Pat K4AVO

How long are your runs & how much do you want to pay ? Higher cost(for
the most)=lower loss !

Jeff

1159. Re: mir voice

Newsgroup: rec.radio.amateur.space
Date: 2000-05-03 00:00:00 UTC
From: Sam <alphacentauriNOalSPAM@i-plus.net.invalid>
Message-ID: <133f4e99.255d1680@usw-ex0104-033.remarq.com>
Source record: 9499

Would you know what the working hours, sleeping hours, ect. are
for mir. I have tried listening for them between 2000-2300
eastern time because that is time it has ben going by lately and
I have not heard it yet. Thanks, Sam
alphacentauri@i-plus.net

* Sent from RemarQ http://www.remarq.com The Internet's Discussion Network *
The fastest and easiest way to search and participate in Usenet - Free!

1160. Re: mir voice

Newsgroup: rec.radio.amateur.space
Date: 2000-05-03 00:00:00 UTC
From: n2cqr@erols.com
Message-ID: <391032be.432134850@news.erols.com>
Source record: 9593
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,rec.radio.amateur.digital,rec.radio.amateur.space

When Norm Thagard was on board MIR, I worked him several times on FM voice using ten watts from an old Yaesu memorizer and a homebrew five element quad made out of refrigerator tubing and scrap lumber. I have some pictures of the set-up in the space and astronomy section of my web site.

http://www.erols.com/wmeara

Good luck! 73 Bill N2CQR

1161. Re: Helix Antennas

Newsgroup: rec.radio.amateur.space
Date: 2000-05-03 00:00:00 UTC
From: John / NS1Z <ns1z@arrl.net>
Message-ID: <kauvgsglb9kiikqgju8q8iv6ollj2bjds4@4ax.com>
Source record: 9594

I am putting together a couple of Helix antennas for 2.4gHz. Does anyone have a copy of the QST article describing how to adjust the feedpoint to obtain 50 ohm feed impedance? Seems to me I remember it being the position of the connection of the helix to the connector on the ground plane???

Also, what has been used to obtain the correct spacing of the turns. I wound mine by hand and the consistancy of turns if pretty poor. What have successsful builders used for a spacing jig??

On Tue, 02 May 2000 22:45:53 GMT, Antonio <afranco@rc.mayfield.hp.com> wrote:

>In article <3909386E.4232@bellsouth.net>,
> jrjrt@bellsouth.net wrote:
>> Is there any of you space Hams out there using 435 mhz helical
>> antennas..If so could you give me some info on what you are using
>> or what you recommend..I'm not interested in hearing about you giving
>> up your VE, thank you..Just joking..
>> Kq4tx Joe
>>
>
>Hi Joe,
>I've built the helix mentioned in the ARRL Antenna book. Checked it out
>from the local library. Just using it in rec'v mode right now. Was easy
>to build and tune.. Works well on the Leo's. Havent compared it to a
>Quagi I built also yet... Busy with 1st,2nd,& 3rd harmonics right now
>;-) .. Only dis-advantage is the polarization. either righthand or
>lefthand circular.
>
>Homebrew stuff see: http://members.aol.com/k5oe/
>
>
>73,
>Antonio , kf6uef
>
>
>Sent via Deja.com http://www.deja.com/
>Before you buy.

1162. Re: NEW WORLD WIDE VOICE TEXT CHAT

Newsgroup: rec.radio.amateur.space
Date: 2000-05-03 00:00:00 UTC
From: Charles Brabham <n5pvl@texoma.net>
Message-ID: <8ep5hi11fei@enews4.newsguy.com>
Source record: 9595
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.space

primetime <primetim@frontiernet.net> wrote in message
news:8ennuf$3cao$1@node17.cwnet.frontiernet.net...
> In article <%L1P4.11111$g4.321955@newsread2.prod.itd.earthlink.net>,
"MITBR" <mitbr@earthlink.net> wrote:
> >Hello!!
> > I have a web page dedicated to the radio hobby here in Tampa Bay
> >Florida. I am in the process of launching a new audio chat network on a

> snip <
>
> I thought that's what RADIOS were for?
> >

Good point!

You hit the nail exactly on the head.

--

73 DE Charles Brabham, N5PVL
N5PVL @ N5PVL.#NTX.TX.USA.NOAM
http://www.texoma.net/~n5pvl

1163. Re: Helix Antennas

Newsgroup: rec.radio.amateur.space
Date: 2000-05-03 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8h0t0o.g2o.nomail@linux.pe1chl.ampr.org>
Source record: 9596

John / NS1Z <ns1z@arrl.net> wrote:
>I am putting together a couple of Helix antennas for 2.4gHz. Does
>anyone have a copy of the QST article describing how to adjust the
>feedpoint to obtain 50 ohm feed impedance? Seems to me I remember it
>being the position of the connection of the helix to the connector on
>the ground plane???

>Also, what has been used to obtain the correct spacing of the turns. I
>wound mine by hand and the consistancy of turns if pretty poor. What
>have successsful builders used for a spacing jig??

I don't have the article you mention, but I have built some helices.

The impedance match can be done by putting a quarter wavelength section
of the end of the helix parallel to the reflector. From there on it
bends upward into the helical shape. However, for the correct match
to occur at an acceptable distance from the reflector (taking water
buildup into account), it is better to widen the helix using a strip
of copper in this area.

Fine tuning can be done by adjusting the diameter of the last turn of
the helix (the free end). The match is usually better and the bandwidth
for good matching is wider when the last turn is tapered to a diameter
about 30% less than the remainder of the helix.

I have wound helices by close-winding them on a tube, then letting the
resulting coil expand, and finally stretching the coil while mounting
the standoff pillars on the boom. Just use a ruler to bend the turns
to approximately equal distance; this is not too critical.

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

1164. New MIR Track idea

Newsgroup: rec.radio.amateur.space
Date: 2000-05-03 00:00:00 UTC
From: G7WFM <G7WFM@CROSSWINDS.NET>
Message-ID: <H_1Q4.8983$Px3.173090@news2-win.server.ntlworld.com>
Source record: 9597

Check my web page out to find out more on how to track MIR in a new way.
www.crosswinds.net/~g7wfm/mir.htm

1165. Re: New MIR Track idea

Newsgroup: rec.radio.amateur.space
Date: 2000-05-03 00:00:00 UTC
From: Sam <alphacentauriNOalSPAM@i-plus.net.invalid>
Message-ID: <00edecf8.245c53b6@usw-ex0104-033.remarq.com>
Source record: 9598

WOULD YOU KNOW WHAT THE BEST TIMES ARE TO HEAR MIR (WORKING
HOURS, SLEEP HOURS, ECT..). I HAVE BEN LISTENING FOR IT BETWEEN
2000-2300 HRS. EASTERN TIME BECAUSE THAT IS THE TIME IT GOES BY
FOR MY AREA and I HAVEN'T HEARD THEM YET. THANKS, SAM
alphacentauri@i-plus.net

* Sent from RemarQ http://www.remarq.com The Internet's Discussion Network *
The fastest and easiest way to search and participate in Usenet - Free!

1166. Re: mir voice

Newsgroup: rec.radio.amateur.space
Date: 2000-05-04 00:00:00 UTC
From: TomR@astro.net
Message-ID: <3911a30f.51585807@news.idsi.net>
Source record: 9500

On Wed, 03 May 2000 18:48:00 -0700, Sam
<alphacentauriNOalSPAM@i-plus.net.invalid> wrote:

>Would you know what the working hours, sleeping hours, ect. are
>for mir. I have tried listening for them between 2000-2300
>eastern time because that is time it has ben going by lately and
>I have not heard it yet. Thanks, Sam
>alphacentauri@i-plus.net

I believe I read that they get up at 8pm Moscow time but I'm not sure
of that, I DO know they changed the sked so they'd have better ground
comms. I'll try to find the file I read the sked on...

73,
Tom - KB2SMS

1167. Re: mir voice

Newsgroup: rec.radio.amateur.space
Date: 2000-05-04 00:00:00 UTC
From: stanb@citadel.metropolis
Message-ID: <slrn8h3fhf.4b9.stanb@citadel.metropolis.local>
Source record: 9501

On Thu, 04 May 2000 16:21:29 GMT, TomR@astro.net <TomR@astro.net> wrote:
>On Wed, 03 May 2000 18:48:00 -0700, Sam
><alphacentauriNOalSPAM@i-plus.net.invalid> wrote:
>
>>Would you know what the working hours, sleeping hours, ect. are
>>for mir. I have tried listening for them between 2000-2300
>>eastern time because that is time it has ben going by lately and
>>I have not heard it yet. Thanks, Sam
>>alphacentauri@i-plus.net
>
> I believe I read that they get up at 8pm Moscow time but I'm not sure
>of that, I DO know they changed the sked so they'd have better ground
>comms. I'll try to find the file I read the sked on...

The following info was on the ANS mailing list:

Wakeup 04:00 UTC
Breakfast 04:30 UTC
Lunch 09:00 UTC
Dinner 15:00 UTC
Bedtime 19:00 UTC

Normal working day is 04:00 to 18:00 UTC. Amateur radio operation is most
likely after the normal working day or during meal times.

--
Cheers,
Stan Barr stanb@dial.pipex.com

The future was never like this!

1168. Satellite as link to remote base

Newsgroup: rec.radio.amateur.space
Date: 2000-05-04 00:00:00 UTC
From: rick@vax.area.com
Message-ID: <8et7a3$nk2$1@vax.area.com>
Source record: 9502

Does anyone know the feasibility/legality of using a ham satellite as a link to a remote base station? IOW, use the bird to establish a 420+ MHz link between the control point and the remote base, which might then operate on an HF band or another VHF band? Would the satellite owners frown on this?

Rick Karlquist N6RK

1169. Re: mir voice

Newsgroup: rec.radio.amateur.space
Date: 2000-05-05 00:00:00 UTC
From: hamish@cloud.net.au
Message-ID: <SnAQ4.2272$DH3.6412@news1.eburwd1.vic.optushome.com.au>
Source record: 9503
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,rec.radio.amateur.digital,rec.radio.amateur.space

In rec.radio.amateur.space Sam <alphacentauriNOalSPAM@i-plus.net.invalid> wrote:
> I asked a fellow ham that had a qso with mir back in 97. He said
> that made the qso with only 50 watts. I asked him via e-mail if
> I used 200 watts would it be good. He told me that 200 watts
> would be overkill. If I used 200 watts would the cosmonauts tell
> me to turn down my power? I was wanting to find out if 200 watts

200W would be rude to the other people on the ground. 20 watts will do
fine. That's all I used when I worked FX0STB.

Hamish
--
Hamish Moffatt VK3SB <hamish@debian.org> <hamish@cloud.net.au>

1170. Re: mir voice

Newsgroup: rec.radio.amateur.space
Date: 2000-05-05 00:00:00 UTC
From: Lumpy <lumpy@digitalcartography.com>
Message-ID: <3912f6a1@news.peakpeak.com>
Source record: 9504
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur,rec.radio.amateur.digital,rec.radio.amateur.space

There was:

> > ...ham that had a qso with mir ...with only 50 watts...

and:
> 200W would be rude to the other people on the ground.
> 20 watts will do fine...

now:
I worked (and so did a lot of others) MIR using 1w and
a rubber duck inside my house some time ago when the
APRSheads were sending packets to MIR. At that time,
it was all simplex on one freq. No doppler, all on 2m.

lumpy ab0gd

--
http://www.digitalcartography.com

1171. RACAL 1792 LCD'S

Newsgroup: rec.radio.amateur.space
Date: 2000-05-05 00:00:00 UTC
From: Pipemedia OnLine <jason@pipemedia.net>
Message-ID: <8f4kds$m3l$4@news.pipemedia.net>
Source record: 9505

RACAL 1792 LCD'S WITH BACKLIGHT WILL FIT BOTH MODELS
CALL OR EMAIL IF INTERESTED
JASON@PIPEMEDIA.NET
TEL. 0973 195744

1172. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-05-06 00:00:00 UTC
From: oscar <captorb@coldmail.com>
Message-ID: <3913B13E.73DCAAA2@coldmail.com>
Source record: 9506
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

> I care! What is an obselete mode? What is an obselete test?
> And what are obselete values! I don't have any grey hair.
> Old is a relative term. However, I am in my 40's. I took my
> exams at an FCC office and still believe all exams should be
> given there. Ham radio took another step back when the VEC
> program was born. To many people get their license or upgrade
> because they have friends who are VE's. Ham radio took another
> step back when the no-code license was born. And now with the
> new license restructure, the hobby has move backwards even
> further. I don't have a VE badge to send back to ARRL but I
> can understand why people are doing it. I for one don't need a
> radio club from CT to speak on my behalf. They put out some nice
> books but , in my opinion, that is all they are good for.
> Currently I have an Extra class license and I have it so I can
> work the lower 25 of the CW band.
> I work ALL amateur radio frequencies from 160M to 23CM
> and use ALL modes, not much voice though.
> Yes I do care the way our hobby is being flushed down the
> gutter buy the FCC giving in to people who don't want to
> work for their license and getting something for nothing!
>
KB7ADL:
Your grammar and spelling are prime examples that things definitely have
gone down the gutter. If you don't care about the rules of English
grammar why should I care about CW tests or the current restructuring?

1173. Space Freqs

Newsgroup: rec.radio.amateur.space
Date: 2000-05-06 00:00:00 UTC
From: Nick McCarthy <kd5ftn@houston.rr.com>
Message-ID: <YfVQ4.1595$hW.11977@typhoon.austin.rr.com>
Source record: 9507

Hi, I'm not sure if anyone has posted these or not, and if so, sorry for being redundent.

Can anyone list known NASA/MIR/SPACE freqencies? Or a URL where I may find any?

1174. Re: Space Freqs

Newsgroup: rec.radio.amateur.space
Date: 2000-05-06 00:00:00 UTC
From: TomR@astro.net
Message-ID: <39144907.225171794@news.idsi.net>
Source record: 9508

On Sat, 06 May 2000 13:39:04 GMT, "Nick McCarthy"
<kd5ftn@houston.rr.com> wrote:

>Hi, I'm not sure if anyone has posted these or not, and if so, sorry for
>being redundent.
>
>Can anyone list known NASA/MIR/SPACE freqencies? Or a URL where I may find
>any?

This is a bit old but check the sci.space.shuttle group, the latest
file is usually posted there...

Tom - KB2SMS

From ???@??? Sun Dec 06 20:40:52 1998
Path:
Sn!SnNA!Supernews73!Supernews60!supernews.com!peerfeed.ncal.verio.net!newshub.northeast.verio.net!newsfeed.cwix.com!139.130.250.2!intgwpad.nntp.telstra.net!nsw.nntp.telstra.net!news.syd.connect.com.au!news.mel.connect.com.au!news.per.connect.com.au!news.waia.asn.au!news.wantree.com.au!not-for-mail
From: "Steven S. Pietrobon" <steven@sworld.com.au>
Newsgroups: sci.space.shuttle
Subject: Unofficial Space Shuttle Launch Guide
Date: Wed, 02 Dec 1998 16:24:23 +0900
Organization: Small World Communications
Lines: 1268
Message-ID: <3664DD17.6C41@sworld.com.au>
NNTP-Posting-Host: ade2-86.wantree.com.au
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii; name="guide.txt"
Content-Transfer-Encoding: 7bit
X-Mailer: Mozilla 3.04 (Win95; I)
Content-Disposition: inline; filename="guide.txt"
Xref: Sn sci.space.shuttle:64044
Status: N

Rev 20 Nov 1998

The following is the Unofficial Space Shuttle Launch Guide. This file
contains
information on how to get a launch or landing pass, and if you can't
get one,
where to view the shuttle for launch, re-entry or landing. This file
also
contains the distances to the pads from the various viewing sites,
Shuttle

frequencies, HAM frequencies for listening to and watching NASA
select, hints
on photographing launches, where to watch SSME test firings, how to
get
accredited as a Press Personage, internet sites to get additional NASA

information, how to get the latest two line element sets, and
information for
teachers on how to access NASA information.

NEW Landing information from Kim Keller
UPDATED VIP Passes

Please send changes, updates, or information you think should be in
this to:

Steven S. Pietrobon, Small World Communications, 6 First Avenue
Payneham South SA 5070, Australia fax +61 8 8332 3177
mailto:steven@sworld.com.au http://www.sworld.com.au/

Shuttle Manifest
================
http://www.sworld.com.au/steven/space/shuttle/manifest.txt (Unofficial
Manifest)
http://www-pao.ksc.nasa.gov/kscpao/schedule/schedule.htm (NASA KSC
manifest)
http://www.hq.nasa.gov/osf/shuttle/futsts.html (NASA HQ manifest)
http://www.uttm.com/space/missions/future.html (CBS manifest)

Shuttle Launch Guides
=====================
http://www.sworld.com.au/steven/space/shuttle/guide.txt (Unofficial
Guide)
http://www-pao.ksc.nasa.gov/kscpao/carpass/carpass.htm (NASA KSC
guide)
http://home1.gte.net/k4lk/shuttxt.htm (Dana Rodakis' Launch Guide)
http://www.hq.nasa.gov/osf/miscinfo.html (NASA HQ Launch Guide)
http://www.sworld.com.au/steven/space/shuttle/kit/ (Unofficial Press
Kits)
http://www.reston.com/sts/guides.html (Utterly Unofficial Mission
Guides)
ftp://ftp.hq.nasa.gov/pub/pao/presskit/ (NASA HQ Press Kits)

Shuttle Launch Records
======================
http://www.sworld.com.au/steven/space/shuttle/record.txt (Unofficial
Record)
http://www.ksc.nasa.gov/shuttle/missions/missions.html (NASA KSC
Record)
http://www.osf.hq.nasa.gov/shuttle/ (NASA HQ Record)

Other Shuttle Information
=========================

http://www.sworld.com.au/steven/space/shuttle/images/ (launch images)
http://www-pao.ksc.nasa.gov/kscpao/status/stsstat/current.htm (launch
status)
http://www-de.ksc.nasa.gov/de/maps/kscarea.htm (map of KSC area)
http://shuttle.nasa.gov/ (NASA JSC Shuttle Web)
http://www.ksc.nasa.gov/shuttle/countdown/ (NASA KSC Shuttle
Countdown)
http://liftoff.msfc.nasa.gov/RealTime/missions.html (MSFC Mission
Operations)
http://science.msfc.nasa.gov (MSFC science)
http://quest.arc.nasa.gov/shuttle/ (NASA ARC Shuttle Team Online)

For the latest and greatest information call the following:

(407) 867 4636 - Recorded manifest of anticipated launch dates.
(407) 867 0600 - Recorded launch status during countdown.
(407) 867 2525 - Space shuttle launch preparations.
(407) 867 3900 - Space shuttle status line. Technical, lots of TLA's.
Just
remember, we warned you.
(407) 867 2468 - Cape Press Site) thanks to Max White
(407) 494 5933 - USAF Public Affairs Office) <max@maxw.demon.co.uk>
1 800 572 4636 - Visitor Information Center information and next
launch.
1 800 KSC INFO - Florida 1 800 number. Florida only information thanks
to
Richard F. Jones <rfj@alpha.sunquest.com>

ELV Manifests
==========
For Expendable Launch Vehicle Manifests check out

http://www.sworld.com.au/steven/space/uscom-man.txt (Unoffical US
Commercial)
http://www.sworld.com.au/steven/space/usmil-man.txt (Unoffical US
Military)
http://www-pao.ksc.nasa.gov/kscpao/schedule/mixfleet.htm (KSC mixed
fleet)
http://newproducts.jpl.nasa.gov/calendar/ (JPL Space Calender)
http://www.osf.hq.nasa.gov/manifest/book.html (NASA HQ mixed fleet)
http://www.ast.lmco.com/astroweb/launch_schedule.shtml (Lockheed
Martin)
http://www.lmco.com/ILS/txtmain/ils_lnchinfo.htm (International Launch
Services)
http://www.boeing.com/defense-space/space/delta/manifest.htm (Boeing
Delta)
http://www.flatoday.com/space/next/97sked.htm (Florida Today)
http://www.30sw.vafb.af.mil/30swmain.html (Vandenberg 30th Space Wing)
http://www.pafb.af.mil/launch.htm (Florida 45th Space Wing)
http://ourworld.compuserve.com/homepages/rawhide_home_page/vandenbe.htm
(VAFB)

http://ast.faa.gov/bulletin/manifest.html (US Dept. of Transport)
http://yyy.tksc.nasda.go.jp/Home/Press/Press-e/launchhistory1_e.html
(Japan)
http://www.go-ariane.com/main/hist/hist_01.shtml (Ariane)

NASA Causeway Site Passes
==========
Thanks to werners@novavax.UUCP, Mark and Julie Bixby
<markb@spock.dis.cccd.edu>
Peter Armstrong, Christopher A. Poterala <potsie@sils.umich.edu>,
Michael
Borthwick <holden@netspace.net.au>, and Ned Forrester
<nforrester@whoi.edu>.

You can view shuttle launches right from the base at the NASA Causeway
Site
which is about 10 km from the launch pad. This is the BEST and closest
view
for the general public.

The KSC Visitor Center offers bus rides from the visitor's center to
the
Causeway Site. The cost is $10 for a launch viewing opportunity (LVO)
ticket or
for $15 you can buy a combination ticket which includes an LVO ticket,
an IMAX
movie, and a mission briefing. LVO tickets are available five days
before
launch from the KSC Visitor Center Pavilion (open seven days a week
from 9am
to 5pm, except launch days). The buses leave from the KSC Visitor
Center and
bring you back there after the launch. You get to hang out at the
Visitor
Center before and after, so you can skip a lot of the traffic. Tickets
have to
be picked up ahead of time at the Visitor Center, but they will FedEx
them to a
place of your choice if you are not going to be in the area early.

You can also obtain a free Causeway Site Pass for your vehicle by
sending a
postcard with your name, address, and mission number to

Car Passes
PA-PASS
Kennedy Space Center, Florida 32899
ph. (407) 867 6000

Car passes are reserved as the requests are received based on their
remaining
availability. Your car pass will be mailed to you approximately three

weeks
before the mission's launch. If you will be leaving your residence
before the
pass will reach you, give the address in Florida where you will be
staying,
as well as your home address. Requests for more than one pass can not
be
accommodated. It is recommended that you be at one of the KSC entry
gates at
least two hours before launch as traffic can become quite heavy.

Each vehicle launch pass allows the entry of a vehicle. If you have a
van,
camper or recreational vehicle, please request a vehicle pass for an
oversized
vehicle. One per address. In general, if you know the launch that you
wish, ask
for that launch. The launch pass is good for that launch no matter how
many
times it is postponed. If you know a general time frame, then ask for
that time
frame. You can also obtain NASA Causeway passes by writing to any NASA
centre.

For information on a pass if you have requested one, call KSC public
affairs at
(407) 867 2622. For information 24 hours before the launch on how the
launch
is progressing, call (407) 867 2468.

Other Viewing Recommendations (frederick.mckenzie-1@pp.ksc.nasa.gov
and others)
==========
If you can't get a launch pass I suggest you come to Titusville. Go
east on
State Road 50 from I-95, to US-1. Go north on US-1 to the "Miracle
City Mall"
at Harrison. Park somewhere north of this spot. Anywhere north along
highway 1,
or east (as far as you can) along highway 406 (402) is good
(specifically Sand
Point Park), just as long as you can see the VAB and don't have trees
blocking
the view. If you can afford it, just pay the $10 to park in someone's
yard along
the river. Also you can try Jetty Park at Port Canaveral (you will be
south of
the launch looking north).

You can go to the Visitor Center the day on the launch and watch from
their

obstructed view. The only problem with this one is that they close the Visitor
Center 5 or 6 hours before the launch and about an hour after, so you have to
stay at the visitor center for at least 6 hours.

Regardless of where you are going to see it, arrive early (at least 2 hours
before launch). Be prepared to get into some real heavy traffic, it will also
take some time to get out of the area. Bring along some food and drink,
umbrellas, sun glasses, sun screen, portable TV/radio, binoculars, VCR,
whatever.

When watching a launch, listen to FM Station 91.5 (it is a local religious
station) or AM 580 out of Orlando (Thanks to Matthew DeLuca). NASA Select
Television is carried on Spacenet 2, transponder 5, channel 9, 69 degrees West,
transponder frequency is 3880 MHz, audio subcarrier is 6.8 MHz, polarization is
horizontal.

TV: Local stations such as channels 56, 2, 6 & 9 sometimes have live coverage.
They usually just interrupt the program that is in progress for the final 2
minutes of prelaunch, and then a couple of minutes after launch. Same for
landing.

Radio: Some local radio stations to listen to are 91.5 FM, 99.3 FM, 101.1 FM,
1350 AM and 580 AM.

Hints for First-Time Launch Attendees (Peter Armstrong)
==========
This section offers hints and advice for those attending a shuttle launch for
the first time. Included are tips on
- what launches to attend,
- obtaining launch passes,
- when to arrive for a launch, and
- where to stay.

For the first time shuttle launch viewer, I'd say that you should choose
your launch wisely. For instance, if you are travelling half way around the

country (or world), don't plan too heavily on seeing a launch that has just a
6 minute launch window. Instead, pick one that has a long 2.5 hour window if
possible. That increases the odds that you'll actually see it go up. Secondly,
if you are viewing the launch from the NASA Causeway, wait for a launch from
Pad A. It is significantly closer than Pad B is. Thirdly, your odds at seeing a
launch may be better for early morning (e.g., near sunrise) launches than for
launches at other times of the day or night. There are several reasons for
this: at sunrise at KSC, the TAL sites are still in daylight; the winds are
usually lighter in the morning; and the sea breeze, which can bring clouds and
rain showers over the space center, has not yet had time to begin.

Regardless of where you are viewing the launch from, secure your launch pass
as early as possible. Most, if not all, of the various types of passes are
definitely a finite resource, and are given out on (more or less) a first
come, first served basis. You should begin acquiring your launch pass or
passes two to three months before the launch date. Elsewhere in this guide you
will find information on the different types of launch viewing passes. Many
people choose to view a launch from the shore in Titusville, but there is
really no reason not to get a closer view. The NASA Causeway viewing site is
the most easily accessable site for the general public (although you still need
a special vehicle pass) and it offers a great view of both launch pads.

When going to view the launch, arrive on-site as early as possible. The center
opens for viewing site traffic about 4 hours prior to a launch, and with good
reason. The traffic can be quite heavy in the hours leading up to a launch, and
the last thing you want to do is to get to the viewing site late (or not at
all). Additionally, the KSC gates will close about one hour prior to launch to

clear the roads for emergency traffic, so if you're late, you may be out of
luck. Also, do not arrive at a KSC gate before they are open for viewing site
traffic. Although other traffic is allowed through, you will be turned away by
the KSC police even if you're a minute early.

Another bit of advice for a first time launch viewer is to not focus too
heavily on taking lots of photographs. The event happens so quickly that before
you know it it's over and you may realize that you viewed the whole thing with
one eye closed and the other stuck in your viewfinder. I've attended some
launches where my primary goal was to take pictures or video, and others where
I just stood there and watched it go up without worrying about pictures. I have
to say that I enjoyed the latter much more, but the tradeoff is that I had
fewer pictures to take home.

On the question of where to stay while you're in the KSC area, if your goal is
to be as close to the space center as possible, then I'd recommend staying in
Titusville. The Ramada Inn KSC is nice, as are the Holiday Inn and Best Western
hotels. If your goal is to have as nice a room as possible, then definitely
stay in Cape Canaveral. My personal favorite is the Radisson Resort at the Port
on A1A. There are many other very nice hotels in Kennedy Space Center area:

Cocoa Beach

Best Western Cocoa Inn 407 632 1065
Cape Colony Resort 407 783 2252
Cocoa Beach Oceanside Inn 407 784 3126
Crossways Condominium 407 784 5331
Crossways Inn Resort 407 783 2221
Days Inn Oceanfront 407 783 7621
Discovery Beach 407 784 2550
Hilton 407 799 0003 & 1 800 526 2609
Holiday Inn 407 783 2271 & 1 800 HOLIDAY
Howard Johnsons 407 783 9481 & 1 800 654 2000
Motel 6 407 783 3103
Ocean Landing 407 783 9430

Ocean Suite Hotel 407 784 4343
Wakulla Motel 407 783 2230

Merritt Island

Holiday Inn Merritt Island 407 452 7711

Cape Canaveral

Radisson Resort at the Port 407 784 0000
Canaveral Towers 407 784 1130
Royal Mansions Resort 407 784 8484

Titusville

Best Western Space Shuttle 407 269 9100
Days Inn 407 269 9310
Holiday Inn (riverfront) 407 269 2121
Howard Johnson (waterside) 407 267 7900
Quality Inn 407 269 4480
Ramada Inn 407 269 5510

Reserve your room well in advance--at least 5 or 6 weeks prior to the launch
date. Hotel rooms have been known to fill up quite rapidly.

Distances to Pads (thanks to Peter Armstrong)
==========

viewing site Pad A (km) Pad B (km)

Press Site 4.9 5.5
Barge Turn Basin 4.9 5.5
VIP/Family Site 6.2 5.3
Static Test Road 8.1 10.1
NASA Causeway (west end) 9.8 11.7
NASA Causeway (mid point) 10.6 12.6
NASA Causeway (east end) 11.4 13.6
KSC Visitor Center 12.1 13.0
closest point in Titusville 19.2 18.1

Internet Access for Visitors to KSC (Jerry Russell, jdr@digital.net)
==========
Any visitors to KSC that would like to have Internet access to get their mail,
stay in touch, are welcome to stop by our Network Control Center in Cocoa, Fl.
and get online free! If you have a computer with you we will give you a FREE
guest account for 24 hours, menu based (text) account with full Internet
access. We are a commercial provider here in Cocoa, but offer this service to

our visitors as a FREE service and encourage you to use it!
FLORIDA ONLINE, 3815 N US 1, #59, Cocoa FL 32926, (407) 635 8888
voice,
635 8833 DOS BBS, 633 4710 FLORIDA ONLINE, 635 9050 fax.

Shuttle Frequencies
==========
The Space Shuttle transmits on three frequency bands: UHF, S-Band, and
Ku-Band.
The UHF frequencies are simple AM voice and are very easy to copy.
These
frequencies are used for launch and landing operations, EVA
operations, and as
an additional voice downlink when other channels are in use for the
current
ground station has no S-Band capability.

The frequencies in use are:
296.800 MHz : Air-to-ground, or Orbiter to suit
259.700 MHz : Air-to-ground, or suit to Orbiter
279.000 MHz : Suit-to-Orbiter, or suit-to-suit
243.000 MHz : Standard military aircraft emergency frequency

The S-Band system is one of the primary Orbiter downlink bands. The
voice
channels are digital slope delta modulated and are multiplexed in with
the rest
of the Orbiter telemetry and is very difficult to copy. Much of the
downlink
TV is on S-Band also, but is wideband FM and should be easy to copy.
The
frequencies are:

2287.500 MHz - Primary digital downlink
2250.000 MHz - Wideband FM with either main engine analog telemetry
during
launch, or TV during orbit operations.

The Ku-Band system is used in conjunction with the tracking and data
relay
satellites and is used much more heavily in Spacelab flights than in
others.
The data rate is very high (50 Mbit/s). These transmissions are
directed
to TDRS satellites in geostationary orbit on a frequency of 15.003
GHz.

(Information via WA3NAN, and WA4SIR)

Ed Sileo (edsileo@qnet.com) says that Shuttle audio can be heard on
169.4
MHz at Edwards Air Force Base (EAFB). The transmitter site is on

Lehman Ridge
on the east side of Edwards near the Astronautics Lab. This can be heard during
all flights since you never know when the shuttle may land at EAFB.

Shuttle Audio Retransmissions
==========
Excerpt from the Goddard Amateur Radio Club (GARC) Shuttle Retransmission Fact
Sheet (from Jim Blackwell, N3KWU, HRSBLACKWELL@deblur.gsfc.nasa.gov)

Retransmission of Shuttle air-to-ground audio from the GARC (WA3NAN) may be
heard on the following frequencies:

Frequency (MHz)	Mode	Antennas
3.860	SSB LSB	N-S/E-W Dipoles
7.185	SSB LSB	N-S/E-W Dipoles
14.295	SSB USB	3-element Yagi
21.395	SSB USB	5-element Yagi
28.650	SSB USB	4-element Yagi
147.45	FM Simplex	Phased vertical

Where SSB is Single-Side-Band and LSB, USB indicate either Lower and Upper Side
Band. A short-wave receiver possessing a Beat Frequency Oscillator (BFO) is
needed to receive these transmissions.

GARC maintains a Bulletin Board System (BBS) which is accessible by way of the
Internet, modem and packet radio. The BBS contains areas with information on
the club, mail distributed by the Amateur Satellite Corporation BB (AMSAT-BB)
listserver, SAREX bulletins and Space Shuttle mission information. During
Shuttle missions, users can also access Keplerian Orbital Elements (Keps) which
are generated by the club based on information generated by NASCOM at GSFC
(these orbital elements are read over-the-air by our volunteer operators). The
BBS is accessible by the following means:

1. Internet: telnet to wa3nan.gsfc.nasa.gov (128.183.105.17)
2. Telephone: (301) 286-4137 (up to 14.4 kbaud supported)
3. Packet Radio: WA3NAN on 145.090 MHz in DC area.

Just follow the login instructions. Note: Full access to the BBS is limited

to members of the club.

GARC also maintains a WWW Server containing a wide variety of information about
the club, its activities, as well as links to other Amateur Radio resources.
The URL address is:

http://garc.gsfc.nasa.gov/www/garc-home-page.html

Excerpt from rec.radio.amateur.misc FAQ Part 3 (modified):

Shuttle audio is re-tranmitted by the following Amature Radio stations.

Station Centre VHF 10m 15m 20m 40m 80m

K6MF ARC 145.585 7.165 3.840
W1AW ARRL 147.555 28.0675 21.0675 18.0975 14.0475 7.0475 3.5815 1.818
WA3NAN GSFC 147.450 28.650 21.395 14.295 7.185 3.860
W6VIO JPL 224.080 21.280 14.282 7.165
W5RRR JSC 146.640 28.495 21.350 14.280 7.227 3.850
AK8Y LERC 145.670 or 147.195 (alternate)
WB4FUR SSC 146.700
KA9SZX 146.880 (Video at 426.250)
K4GCC 146.940
WA4VME 145.170

You might also try 20192 LSB which is NASA.

All frequencies are in MHz. Use FM on VHF, USB on 10-20m, LSB on 40-80m.
W1AW - ARRL, Newington, CT (news bulletins, 9:45 PM and 12:45 AM EST)
K6MF - NASA Ames Research Center (ARC), Moffett Field, CA
WA3NAN - NASA Goddard Space Flight Center (GSFC), Greenbelt, MD
W6VIO - NASA Jet Propulsion Laboratory (JPL), Pasadena, CA
W5RRR - NASA Johnson Space Center (JSC), Houston, TX
AK8Y - NASA Lewis Research Center (LERC), Cleveland, OH
WB4FUR - NASA Stennis Space Center (SSC), Hancock County, MS
KA9SZX - Champaign-Urbana, IL
K4GCC - John Anderson, Titusville, FL (near or at Kennedy Space Center)
WA4VME - Melbourne, FL (near or at Kennedy Space Center)

You can also go to

http://spacelink.msfc.nasa.gov/Educational.Services/Technology/Shuttle.Amateur.Radio.EXperiment/Hearing.Space.Shuttle.Communications

for a listing of repeaters in the USA that offer this service.

Retransmissions of Shuttle audio on amature radio frequencies

http://www.amsat.org/amsat/sarex/shutfreq.html

State City Date Reported Frequencies (MHz)
----- --------------- ------------ -------------------------
AL Birmingham 10/10/89 145.150 145.380
AL Huntsville 12/31/92 147.100 173.025
AR Russellville 3/24/92 439.250
AZ Phoenix 12/9/91 421.250 449.000
CA Los Angeles 1/7/90 52.640 224.940
CA Los Angeles 12/21/89 1241.250
CA Los Angeles 12/4/91 145.320 145.460 445.400
CA Los Angeles 12/4/91 445.425 446.575 447.000
CA Los Angeles 12/4/91 447.025 447.400 447.475
CA Los Angeles 12/4/91 448.375 448.500
CA Monterey Bay 7/1/91 145.585 443.300
CA Mount Wilson 10/18/95 224.940
CA Northern 3/19/90 145.530
CA Redondo Beach 9/23/93 145.32 W6TRW
CA Sacramento 4/10/91 147.195
CA San Diego 3/23/92 449.450 1277.25
CA San Francisco 4/29/91 427.250 444.775
CA San Joaquin Vly 5/6/89 52.22
CA Santa Barbara 4/21/90 1277.000
CO Boulder 1/5/96 145.460 (NASA select audio)
CO Colorado Springs 1/5/96 145.160 (NASA select audio)
CO Denver 1/5/96 147.225 224.980 (NASA select
audio)
DC Washington 11/28/83 147.450 (Greenbelt, MD)
FL Cape Canaveral 10/11/89 146.940
FL Clearwater 2/15/97 145.23
FL Clearwater Beach 4/10/95 442.075
FL Daytona Beach 1/25/92 147.150
FL Fort Lauderdale 12/03/93 442.650
FL Jacksonville 4/25/90 147.12
FL Lakeland 7/18/92 147.375
FL Largo 4/24/95 51.84
FL Largo 4/10/95 421.25 (video & audio)
FL Orlando 5/8/92 147.150
FL Port Richey 1/2/96 443.950
FL Sarasota 2/15/97 442.55
FL St. Petersburg 1/2/96 147.285 443.625
FL Vero Beach 4/19/90 145.130
Fl North Lauderdale 12/03/93 145.750
GA Ashburn 5/5/89 147.285
GA Atlanta 12/4/91 146.655 147.345 427.250
GA Forsyth 6/7/90 147.915
IA Cedar Rapids 10/18/89 146.400 444.300
IL Champaign-Urbana 11/30/93 146.880
IL Chicago 4/19/90 145.350
IL Downers Grove 9/23/93 145.350

IL Morton Grove 12/7/93 145.350
IL Rolling Meadows 2/12/92 145.350
IN Indianapolis 3/15/92 426.250
ME Portland 12/16/89 146.925
ME York 12/16/89 224.840
MN Central 2/19/90 149.200
MN Twin Cities 3/11/89 145.150 147.120
MN Waseca 1/2/90 147.450 427.250
MO Gladstone 12/7/93 224.660
MO Kansas City 3/25/92 145.430 426.250
MO St. Louis 1/25/92 442.000
NJ Central 7/5/92 443.400 (PL 141.3)
NJ Northern 12/12/93 146.610
NY Albany 9/6/91 146.820
NY Long Island 3/30/92 448.425
OH Dayton 5/4/89 145.110
OH Greenville 3/11/90 146.790
OK Tulsa 2/6/92 144.340 146.940 421.250
PA Pittsburgh 6/25/92 145.470
PA Pittsburgh 9/23/93 145.650
SC Orangeburg 12/3/93 146.805
SD Watertown 1/14/92 145.550
TX Dallas 7/18/90 145.310 448.750
TX Dallas 9/13/91 146.600
TX Houston 6/27/92 146.640
WI Wausau 9/5/91 146.820 147.060 421.250
VA Norfolk Feb 1993 144.340 431.750 FM audio,
427.250 video

Thanks to Dana Rodakis (dgra@qmgate.eci-esyst.com) and Gary Grahn
(WA1TSS,
GGrahn@aol.com)

Amateur TV Repeater of NASA Select
==========
Chris Best (clbest@ddi.digital.net) writes:

I belong to a local ham radio club called the Launch Information
Service and
Amateur Television System (LISATS for short). We operate, in the
Cocoa Florida
area, an Amateur TV Repeater where we, during shuttle missions,
re-broadcast
NASA Select (from a satellite receiver located at the repeater site).
We also
have a computerized bulletin board (VIDEO) at the repeater site which
cycles
through screens of interest to hams, one being a projected launch
schedule
(shuttle and expendable). The LISATS repeater can be viewed by anyone
with an

outside antenna and a cable ready TV in the launch area. Please
checkout:

http://ddi.digital.net/HamRadio/lisats.html

The two primary points of contact for LISATS are myself (ham radio
callsign
N4KCI) or Ernie Baldini (ebaldini@ddi.digital.net, K4RBD) who is the
prefered
Amateur TV expert.

Photographing Shuttle Launches
==========
andreas@il.us.swissbank.com has some hints for photographers:

Get the longest lens available (e.g. rent one at Helix). I used a
300mm
shooting from Titusville and was still too far away to clearly see the
shuttle.
However I could take beautiful shots of the engine's firetrail and the
smoke.

Put your camera into continuous shooting mode (unless you have a VERY
high
speed camera like a Nikon), as the whole spectacle will be over within
no time.
I shot about 1 roll of film (36 pictures) until the shuttle was gone
for good
while almost constantly pressing the button.

Use a LOW speed film (ASA 50) as the light is so bright (Remember:
NASA
launches only under good weather conditions), that even with a long
tele lens
you still have enough light left for short exposure times (I had
1/1000 with F
5.6 and a Kodachrome 64). That way making detail enlargements is also
easier,
meaning less grainy.

Try to AVOID a tripod, as the shuttle moves "upwards to the right" (at
least
from Titusville with the standard 28 degree inclination). You are more
flexible
if you use a onepod or even better one of those professional
harnesses, that
you wear like a jacket and that support your long lens (like a tripod
attached
to your upper body).

During the night before the launch you can see (at least sometimes) a
search
light illuminating the launch pad. With a tripod and a very long

exposure time
(> 20 sec's on Kodachrome 64) you'll get nice pictures as well. Make several
shots with different times according to general night time photography rules.

A final hint for the early-birds: I was lucky enough to see the big and red
glowing sun rising exactly behind the VAB (from the US1 in Titusville). An
incredible view, that didn't even require a tripod.

Jim Blackwell (hrsblackwell@stars.gsfc.nasa.gov) and Todd L. Sherman
(afn09444@afn.org) has these hints:

I can also say something about photographing night launches. Basically, for
STS-61 and STS-67 I used 1000 ASA film and shot at 1/1000 th of a second at
F/8. For STS-61 I was at the VIP site at 5.3 km and used a 70-210 mm zoom at
the 210mm setting. For STS-67, I was at the NASA Causeway (about 10 km I
think) using a 500 mm f/8 lens. Got great shots in both instances. I used
Kodak Royal Gold (used to be Ektar) 1000 ASA film. I would also advise anyone
to remove any filters they may have on their lenses as they can get nasty
internal reflections and that a good, sturdy, well-built tripod is a must,
especially with the 500 mm. Even footsteps from other persons nearby can be
amplified by the tripod if it's not a good one. I also used a cable release and
a motor winder on the camera.

Todd L. Sherman (afn09444@afn.org) has these hints on doing time exposures
of night launchers from afar:

I can tell you that you should give yourself say a half hour ahead of the
launch to get yourself set up and ready, with camera pointing in the direction
the shuttle is expected to come up above the horizon. Make sure the camera is
on a good, sturdy (as sturdy as possible) tripod, and make sure you're as far
away from other people as possible because even thier walking around can cause
vibrations that the tripod can pick up and exaggerate.

Set the shutter speed dial on [B]ulb and connect a length of cable release to
the button. When you see the first hint of glow rising, open the shutter and
hold it open with a cable release until the SRBs burn out, then close the
shutter. You now have a time exposure of the launch. What you should see upon
developing is a long, bright trail starting at the horizon and curving upwards
into the sky as the shuttle rises. You'll also get some minor trailing of the
stars. Make sure your position is as dark as possible with no nearby city
lights in the direction the camera will be looking or you will get some sky
"fog" which may ruin the shot. If it's partly cloudy, try taking the shot
anyway. You never know what might happen. There may be breaks in the clouds
through which the SRB contrail may show through, providing an interesting shot,
still.

Don't forget to put your photo up on the web! Then tell us where to find the
photos in one or more of the space-related newsgroups, so that we can all
`ooh and aww' at them! You'll also want to tell us how you made the shot...
film speed, aperture setting, shutter speed, lens size, camera used, sky
conditions, and direction of light.

Most-likely, from your own city's location, you won't be able to see any detail
of the shuttle or it's outline (especially here in Gainesville, 145 km away
from KSC). You'd need a telescope for that and, besides... you'll be too busy
concentrating on your exposure to have a look.

If you have any filters on your camera, though...take them off for a nighttime
shot. These things only happen once in a long while, and you're only going to
get one try (unless you're gifted with a large budget and can afford an arsenal
of other cameras). You don't want the chance of internal glare or reflections
ruining your shot.

And chain little Jimmy to a stake permanently out of your camera's field of
view. You don't want him jumping or standing in front of the camera and
ruining the shot, either.

Expendable Vehicles
==========
These are usually launched from the southern part of the base, best viewing is
at Jetty Park or south along the beaches of Cape Canaveral and Cocoa Beach. Not
as crowded as shuttle launches, but still give yourself some time to arrive
early. Jetty park can fill up so plan an alternate. Again bring your stuff.

Philip Chien (KC4YER@amsat.org) wrote:

For the Delta launches at the Cape the press site is actually within the
Impact Limit Lines (about 1.5 km from the pad), but the press is considered
part of the launch team, so we're there under an exemption as launch
critical personnel. There are discussions underway to move the press site
to the Trident turn basin at the south end of the Cape, not that far from
the publicly accessible areas. About the only advantage to that site is
you have a straight line of sight to the Atlas, Delta, and LMLV launch pads.

The VIP viewing site for Deltas and Atlases is located in the middle of the
Cape, close to the 'skid strip' about twice as far from the launch pads.
It also has the disadvantage of obstructions in the way, primarily trees.

Landing Information
==========
Unfortunately the KSC landing strip cannot accommodate a "viewing public"
because it is situated on wetlands, however gt3597a@prism.gatech.edu
suggests:

If you do happen to try and view the landing at KSC, do not despair when you
realize actually how far away US 1 is from the runway. Even a moderately
powered set of field glasses will provide good views of the Orbiter as is

decelerates into the KSC area. That twin sonic boom is very unique and, for
me, was well worth the drive by itself. You will actually be able to see the
Orbiter as it comes into the KSC area and turns on the heading alignment circle
better than during the final approach.

Don Diego (don.diego@nosurf.com) and Peter Armstrong also suggest:

The best viewing site for the Shuttle landings is the Shuttle Landing Facility
(SLF). There are bleachers available about 140-180 metres from the runway.
What a great spot. Not only is it the best possible viewing site, you get to
hob knob with astronauts and VIP's. VIP invitations now sent out by NASA
headquarters are for launches and landings (see following section on VIP
passes). Other passes from NASA may also invite you to the landing if you are
a shuttle worker or involved with the payload. Unless you have very good
connections, the general public cannot have access to the SLF.

As with the launch facilities NASA Select audio is provided on site as are
restroom facilities and vending areas run by NASA.

For a realistic spot there's really only one choice. On US1 in Titusville
across the Indian River from KSC. Hope it's not early in the morning,
otherwise, you're going to be facing directly into the sunrise. I've tried on
several occasions to try to catch a glimpse of the orbiter coming in as I was
in Cocoa Beach or the city of Cape Canaveral but you're just too far away.

Whether you get lucky enough to get on KSC or have to settle for the US1 site
you're in for a real treat. A landing is every bit as exciting as a launch.
During a launch it's Boom, Zoom and in two minutes it's gone. But with a
landing you have time to soak it all in. The key is picking it up visually as
soon as possible. The thing to remember is at 15,000 metres (50,000 feet) the
orbiter can be seen directly over the landing sight. Look straight up and

watch for the puffs of smoke coming from the Reaction Control System (RCS)
jets. Once you pick those up you should have no difficulty following it around
the HAC and all the way down. Contrary to popular belief the thing doesn't
land silently. When you've got an object that big and bulky cutting through
the air at that velocity you get a wind rushing noise that has to be unique.

US1 in Titusville can be accessed from SR50 from Orlando or I-95 from the North
or South. Local radio stations that have the best NASA coverage for any NASA
related event are WMMB AM 1240 or 99.3 FM. Prior to any operation events can
be followed locally on TV channels 2, 6 or 9. Or pick up a copy of the local
newspaper The Florida Today. Some hotels in the area also carry NASA Select.

Kim Keller <kekeller@mindspring.com> writes:

It is amazing that a vehicle as large as the orbiter would be hard to see
landing, but it is! Here are some tips. The orbiter approaches KSC from either
the northwest or the west, depending on the orbital inclination. As it enters
the vicinity of KSC, its altitude is somewhere between 12 to 15 km. It will
look like an airliner at high altitude, if you are fortunate enough to catch
sight of it before it enters the heading alignment circle. Sometimes, you may
catch sight of short contrails as the aft RCS thrusters are used to assist the
rudder in steering the vehicle. They are the best clue to catching sight of
the vehicle at high altitude, but they are unreliable; you may or may not see
them. I start looking in earnest for the vehicle when I hear the PAO announcer
say the vehicle is approaching Titusville. At that point it's helpful to know
which direction the orbiter is approaching from. Generally, if it's returning
from a high inclination orbit, it'll approach from the northwest. If it was a
low inclination orbit, look to the west. As it flies over the runway,

it's
still at high altitude, and will begin a turn around the heading
alignment
circle. The direction of the turn depends on the runway direction the
orbiter
will use. The turn takes it out over the Atlantic.

KSC has one runway, referred to by two numbers: 15 and 33. These are
abbreviations for compass headings of 150 and 330. 150 runs from
northwest
to southeast, 33 is just the opposite. The PAO announcer will have
announced
much earlier which runway will be used. This will determine where the
best
place to view the landing would be. If runway 15 will be used, your
options
are limited. You will need to be in Titusville to see the final
approach.
There is a park on the edge of the Indian River at Route 407 which
gives the
best view of the area of the runway, but you won't see the runway
itself. It
is about 8 km from the park. When the orbiter touches down you will
lose sight
of it, except perhaps for a view of the tail. It depends on how high
the trees
have grown!

If runway 33 is in use, you have more options. The best place to view
is from
the parkway near the KSC Industrial Area. You can take some excellent
pictures
from this spot. This is just past the KSC Visitor Center. If you are
in this
area, the orbiter will pass from right to left. As it approaches, you
will be
able to hear it. The airflow over the structure and the sound of the
APUs
combine to make it sound like a powered jet. You will also see one of
the
Shuttle Training Aircraft flying loose formation off to one side. It
will
disappear from view to the north as it reaches the runway threshold.
Other
viewing spots for a 33 landing are the Beeline Expressway between
Merritt
Island and Cape Canaveral, or along the Indian River at Titusville.

Shuttle Re-entry Flyovers
==========
For an example of a shuttle entry plasma trail photo go to

http://www.sworld.com.au/steven/space/shuttle/images/

Todd L. Sherman (afn09444@afn.org) has these suggestions about viewing and
photographing shuttle re-entry flyovers:

You'll first need to go to the "Sightings" section of the NASA Shuttle Web site
("http://shuttle .nasa.gov/") a day or two before actual landing and look at
the sightings list. The top part will be for viewing the shuttle over your own
city while on orbit. Keep scrolling on down and you'll come to the REENTRY
sightings list. This list will list many cities along the incoming flight path
and offers appearance and disappearance azimuths, maximum heights, approximate
times post-max-alt that the sonic boom should be heard, etc. (I'm trying to
convince them to post, from now on, data for the ALTERNATE landing opportunites
as well. Up till now, they've been posting only for op #1, which is nearly
always waved off and, never updated once that happens.)

I've tried to catch the shuttle as it flies over Gainesville but have always
been clouded out whenever it happens and I've got a camera in hand. Thus, I
can't offer any working experience there, either...shutter speeds, apertures,
film brands and speeds. Sorry. This part is a mystery I never see covered,
and it would be nice if someone who HAS tried it before would offer his or her
own experiences for others like me.

Edwards Landing Passes
======================
For a landing pass at Edwards, Mary Shafer
(shafer@skipper.dfrf.nasa.gov) says:
(Steve Handler (cityfarm@aol.com) advises us: The Public Affairs Office at
Dryden Flight Research Center says that there are no landings scheduled in 1995
for Edwards and thus they are not giving out any landing passes at this time.
They also indicated that the ability to see landings at Edwards is via the
courtesy of the Air Force.)

There are three ways to see the Shuttle landing at Edwards AFB, listed in order
of restrictiveness of access and availability.

1. The East Shore area on the lakebed. Take Hwy. 14 to Avenue F and follow
the signs or take Hwy. 58 to 20 Mule Team Road and follow those signs. This
area is opened about 2 days before the scheduled touchdown. The viewing area
is an unimproved area so don't expect many amenities. I think that there are
sanitary facilities and that food and drinks can be purchased. It's suggested
that you bring food and water. Nothing is required for access to this area.
If any viewing is allowed this site will be open. The only times they don't
open it is for the DoD's classified missions.

Burns Fisher (fisher@skylab.enet.dec.com) says the view you get depends on
exactly what course the shuttle comes in on. If the shuttle lands on the
ascending node of its orbit you only see the shuttle coming straight in and
landing in front of you...but not too close. For a descending node landing the
view is much more spectacular as you see the shuttle turning and passing right
above you (described by Burns as "a *gorgeous* sight!").

2. The hillside viewing area. This is on the hillside, just above
Ames-Dryden, and requires a special pass. This pass is good for one vehicle,
with any number of passengers. You can't enter the Ames-Dryden complex but you
can walk down the hill to the cafeteria and the gift shop, etc. More
amenities, including radio transmissions from the Shuttle and JSC. Some of us
believe that this area has the BEST view of the landing. I believe that the
Hillside, like the East Shore, is open for all unclassified missions. These
passes can be obtained by writing, as detailed below. Ames-Dryden employees can
also obtain them.

3. Official guest. Access to the Ames-Dryden complex. You get to watch the
landing from the ramp, which is right on the lakebed. (The Shuttle lands some

distance away, depending on which runway it uses.) The crew speaks to the crowd
just before they return to JSC. There are special aircraft displays (including
the SR-71, F-15, F-18, X-29, etc.) in the hangars. The radio transmissions are
broadcast. This method is only predicted for a few missions this year. Opening
the Facility is fairly labor-intensive and very disruptive, so we won't do it
for every possible mission.

You can write, as detailed below, to obtain these badges and parking permits.
To obtain a hillside pass or official guest badges, write to:

NASA Ames-Dryden Flight Research Facility
Public Affairs Office
P.O. Box 273
Edwards CA 92523-5000

Do this early, because there is a limited amount of space. If you get these
and then discover that you can't attend, please try to pass them on to someone
else who can use them. Incidentally, there is _no_ charge for any of these.

William Daul (billd@informix.com) suggests it is quicker to call your congress
person and ask for a VIP pass. They usually have you pick the pass up
somewhere near Edwards.

Come see the Shuttle land--it's great. Wear warm clothes!

If the Shuttle lands in the morning, it will be cool to downright cold. Forget
the myth that the desert is always hot, it may be in the low 60s even in the
summer at sunrise. It's frequently freezing in the winter. If it's much
warmer, it's because the wind is blowing.

However, if you're an Official Guest and will be hanging around until the
Astronaut Departure Ceremony, it may be warm by then. Wear layers.

Especially, wear warm footwear. Official Guests will be standing around on the
cold, cold ramp and all your body heat will seep out of your feet into the
concrete heat sink. Running shoes work well. Hillside Guests will be sitting

up on metal bleachers. The portions of their anatomy in contact with the
bleachers (feet and seat) may get _real_ cold.

Here is a list of Freqs for the White Sands Missile Range

Military Police: 36.100 141.250
Laser Operations: 173.5625
Drone Operations: 164.500 172.400
Cooling: 168.000
Maint: 34.490
Missile Tracking: 412.875
Range Control: Channel 1 36.510
Channel 2 34.850
Telemetry: 38.450, 38.710, 38.950, 40.100, 41.450
Photography: 30.090, 41.430, 139.440
NASA operations: 34.310, 164.100, 169.075, 169.400

SSME Test Firings (thanks to David.M.Seidel@jpl.nasa.gov)
==========
The Stennis Space Center in Mississippi does Space Shuttle Main Engine (SSME)
test firings, which, if I understand correctly, can be viewed by the public.
Try their public affairs office for details. The Marshall Space Flight Center
in Huntsville, Alabama also has an SSME test facility where you may be able
to view the firings.

Press Site Passes
==========
If you can convince a local newspaper to write you a letter of accreditation,
you can be a official Press/Media representative. This allows you much
closer viewing, and material from NASA on the mission. The Press Site is
just east of the "Dome" at LC-39 near the VAB. The shuttle while on the pad is
obscured from view by the launch towers.

Requests for accreditation should be mailed/faxed to the accreditation
secretary two to three weeks prior to launch. The request must be from a
credible media source and it must be on company letterhead stating the
requester(s) full names, social security number, affiliation and purpose (i.e.
John B. Quick, 111-22-3333, Time Magazine, photographer). The letter must be
signed by the requester's supervisor/editor/or person in charge. All calls

concerning accreditation should be given to Leslie. These requests can be
faxed to (407) 867 2692. After you are accredited, you can call the Media tour
info number, (407) 867 7819 for Photo ops, remote camera setups, etc.

Public Affairs Office
Attention: Accreditation
M/S PA-MSB
Kennedy Space Center FL 32899

Call (407) 867 2468 a couple of weeks after submitting the letter to make sure
that your name is on the list as an accredited press type person.

Barge Turn Basin Passes (KSC Visitor Center News for 16 February 1996)
==========
This a new site at the LC-39 Barge Turn Basin (physically adjacent to the Press
Site) for NASA and contractor employees deserving special recognition for their
support of KSC's human space flight program. Each pass is for a vehicle. As
with other VIP viewing areas, launch commentary, bleachers, restroom
facilities, and food and souvenir sales will be provided. The pass will be
valid for entrance through KSC gates two hours before launch for vehicles no
larger than a 15-passenger van. A badged employee must be in each vehicle.

VIP Passes (Peter Armstrong, Julie Clements and others)
==========
Astronauts families and other VIP's over 12 years of age are situated at the
VIP site 1.5 km north-east of the VAB and away from the press. The site is only
5.3 km from Launch Pad B, and 6.2 km from Launch Pad A. It offers great viewing
of a launch and is near the site for the new Apollo exhibit site which encloses
a Saturn V. You can see the backside of Pad B and therefore don't see the
initial ignition very well. Families with children under 12 and any overflow
from the VIP stands are sent to the Static Test Road site (which is considered
to be a VIP site).

The day before launch, the VIP guests are taken for personalised bus tours of
the Launch complex. During this bus tour, they will actually drive you

to right
outside of the fence of the Launch pad and let you out to take superb close-up
pictures. But if it's raining, you're out of luck! - the Rotating Service
Structure will be in the way. But, no matter what, you will get *much* closer
than the KSC Visitor Center (formerly Spaceport USA) busses get! You also drive
past the Vehicle Assembly Building, Launch Control Center, Shuttle Landing
Facility, crawler transporter, and other neat stuff.

The day of the launch, you're transported to the VIP launch stands via bus from
the parking lot of the KSC Visitor Center (crew guests meet at a predetermined
location off-site). The site is broken up into three viewing areas. At the
southern-most tip, the astronaut families and friends are given one set of
bleachers. Next are the bleachers for the guests of NASA administration.
Included here are astronaut guests who are not close family or friends.
Continuing to the north there is a path that takes you to the Saturn V Center.
There is a set of bleachers here that are only accessable by going through the
building. Each person is given a coloured button which indicates which stands
they are allowed in. About ten minutes after the launch the buses return and
take the VIPs back to the KSC Visitor Center. From there, VIPs must contend
with the traffic themselves, which is filled with all the people coming from
the Causeway and Static Test Road sites.

VIP passes may be obtained by writing to your Congress representative.

Relatives and friends of the astronauts/experimenters for a given mission may
be invited, as can those of other NASA officials. International visitors
wanting a VIP pass need first contact their embassy in the US.

Getting a VIP pass is not simply a matter of calling your favorite Congress
person or Senator and asking for one. There is certainly no harm in doing so,

but asking for one does not guarantee that you'll get one. Request your pass or passes at least 3 months in advance. Asking for a VIP pass even a month in advance is just about hopeless. NASA puts together the VIP guest list for a launch way in advance. Actually, you are not requesting a VIP pass, you're requesting a VIP invitation. All VIPs are invited guests of NASA. So, the process is that you ask to be invited, then they invite you, you accept via RSVP card, then they send you the necessary instructions. If you are invited by NASA HQ then a vehicle pass for KSC Visitor Center is included in the invitation itself.

When you write or call your Senator or Representative, be very specific. State the STS number and the target launch date for the launch you want to see. Realise that you're asking for quite a privilege, so be respectful and don't have a demanding tone. You at least want your request forwarded to NASA HQ (the Congressman or Senator does not approve your request themselves). Whether or not your request is approved by NASA HQ is, in part, a function of how many VIP invitations have already been issued. If the Banana Creek site is full, you may be sent to the Static Test Road site instead. The Static Test Road site is also the only VIP site available for families with children under 12.

VIP passes are on a per-person basis, meaning that you'll need a pass for each person in your group. The easier-to-get NASA Causeway passes are for a vehicle, with the only restriction being the size of the vehicle, not the number of people in it nor their age.

Static Test Road Passes (Peter Armstrong)
==========
This site (just north of the causeway on the cape side) is accessable only via a "Static Test Road" pass. The official NASA policy is that the STR site is an "overflow" location for the VIP site and the location for families with

children under 12--nothing more, nothing less. To get to the STR site one must
be nominated by an astronaut or member of Congress just as they would if
desiring a VIP pass.

Gold Passes
==========
These are reserved for guest's of the Kennedy Space Center director. You can
basically go _anywhere_ your guide can take you. You generally have to be a
guest of the KSC director to get one of these.

Forward Fireman Team (T.E.Thacker, Jr)
====================
The absolutely positively best place is to get yourself a place in the Forward
Fireman Team. This is an exceedingly rare thing to come by and takes
considerable political pull but it has been done. This team is the group that
parks 1650 metres from the pad in one or more Armored Personnel Carriers ready
to go in and aid a crew abandoning ship in an extreme emergency. Needless to
say they can tolerate only one or at most two extra persons in and among them.
You stand a better chance if you have had any kind of fireman training -
especially fighting shipboard fires (like Naval veterans) - because then you're
more likely to be actually *useful*.

The noise at that distance is no longer noise. It's just one great big horrible
screech. Also, the heat off of the yellow-white hot SRB flame columns is so
terrific that you have to wear those silver colored fire-proof suits and head
coverings. You don't dare leave a camera by itself on a tripod without heat
foil covering because it will likely melt or at least burn up the film inside.

Viewing from the LCC (thanks to Joe Mize <jmize@globe-net.net>)
====================
I work in the VAB and watch as many launches as possible from outside the LCC,
Launch Control Center 5 km from the Pads. No one is allowed closer than this
because of safety and "Medical" reasons, the sound levels during

launch closer
than 5 km will cause hearing loss and other physical damage. There is
a "Dead
Crew" who work closer for safety assistance, they have special
reinforced and
sound proofed bunkers. The reason for their name, "Dead Crew" is that
there is
a high risk doing this job. No one has been lost so far.

During launch the popping heard is caused by the solid rocket booster,
SRB's
burning their fuel and atmospheric compression. There is no control of
the SRB
burn rate, light it up and off it goes. The uneven burning of the
solid fuel
contributes to the popping sound. "Uneven" is a harsh sounding term,
but it is
just that although the burn rate has been precisely calculated there
are
variances. Close up, on the NASA NET replays, somethines you can see
pieces of
fuel not completely burnt coming out of the fire stream.

Sometimes, dependent upon the weather the sound can be exceptionally
loud, high
humidity, or practically non existent in comparison because of low
humidity and
wind directions.

At the 5 km limit you can feel your pants and shirt vibrating against
your
body. Open you mouth and you can feel the vibrations in your lungs.
Building
fire alarms and car burglar alarms are set off because of the
vibrations. The
VAB is covered by huge corrugated sheets which vibrate and start to
squeak
during launch. It almost sounds like a scream.

No wonder everyone cheers at launch...

Anonymous ftp Sites
==========
Image info provided by (in part) Daniel M. Israel
(crdmi@vulcan.giss.nasa.gov)
and Kevin C. Marsh (kmarsh@ja6.jsc.nasa.gov):

ftp://ecf.hq.eso.org
ftp://explorer.arc.nasa.gov/pub/space/
ftp://ftp.univ-rennes1.fr
ftp://gipsy.vmars.tuwien.ac.at/pub/spacegifs
ftp://nssdc.gsfc.nasa.gov/pub/cdrom/image

ftp://ftp.jpl.nasa.gov/pub/images
ftp://seds.lpl.arizona.edu/pub/images/shuttle
ftp://sseop.jsc.nasa.gov
ftp://ftp.stsci.edu
ftp://wuarchive.wustl.edu/multimedia/images

World Wide Web Pages (thanks to Jim Dumoulin).
==========
http://www.spaceportusa.com/ - KSC Visitor Center
http://www.spacecamp.com/ - Space Camp
http://shuttle.nasa.gov/ - Shuttle Mission Home Page
http://www-pao.ksc.nasa.gov/kscpao/ - NASA KSC Public Affairs
http://www-de.ksc.nasa.gov/ - NASA KSC Engineering
Development
http://www.ksc.nasa.gov/ - Kennedy Space Center
http://www.nasa.gov/ - NASA Home Page
http://www.nasa.gov/nasa/nasa_hottopics.html - NASA * Hot Topics *
http://www.nasa.gov/nasa/nasa_subjects/nasa_subjectpage.html
- NASA Information Sources by
Subject
http://www.nasa.gov/hqpao/other_agencies.html - Other Space Agencies
http://www.hq.nasa.gov/ - NASA Headquarters
http://www.hq.nasa.gov/osf/ - NASA Office of Space Flight
http://www.arc.nasa.gov/ - Ames Research Center
http://www.dfrc.nasa.gov/dryden.html - Dryden Flight Research Facilty
http://www.gsfc.nasa.gov/ - Goddard Space Flight Center
http://www.jpl.nasa.gov/ - Jet Propulsion Laboratory
http://www.jsc.nasa.gov/ - Johnson Space Center
http://images.jsc.nasa.gov/ - NASA JSC Digital Image
Collection
http://www.larc.nasa.gov/ - Langley Research Center
http://www.lerc.nasa.gov/ - Lewis Research Center
http://www.msfc.nasa.gov/ - Marshall Space Flight Center
http://www.sti.nasa.gov/ - NASA Scientific and Technical
Information Program
http://space.mit.edu/ - MIT Center for Space Research
http://space.mit.edu/nasanews.html - MIT NASA News

Johnson Space Center BBS
==========
The Public Affairs Office at the Johnson Space Center operates a BBS
to provide
information to the public. Check this board for updates to the
Keplerian
element sets during the flight. To access the BBS, call +1 713 483
2500 using
1200 baud (do NOT connect at 2400 baud), 8-N-1, at the ENTER NUMBER:
prompt,
enter "62511" and you will be connected to the BBS. Direct dial
numbers are
+1 713 483 2419 and +1 713 483 2278. Check file area 30 or 99 for

latest
element sets.

NASA JSC's Electronic Space Information BBS is intended to provide
24-hour
access to biographies of NASA officials and astronauts, news releases,
space
flight mission press kits and television schedules, space shuttle
systems
information, flight manifests and schedules, and other information
about the
space program.

Additional X-Windows information and can be obtained by anonymous ftp
to
krakatoa.jsc.nasa.gov or 139.169.31.12. Donations: Much of this
library
is comprised of donations by local contributions. We encourage all
donations
concerning X windows such as widgets, programming tools, and other
applications.

Marshall Space Flight Center Spacelink
======================================
You can also access: THE NASA Spacelink, Huntsville, Alabama, 24
Hours. Has a
great deal of information about NASA's space program, including press
releases,
shuttle status reports, shuttle press kits, and images.

WWW http://spacelink.msfc.nasa.gov
Modem Calls (205) 895 0028 (8-N-1) (Up to 14.4 bps)

Science, Technology and Classroom Demonstrations
==
Call Argonne National Laboratory 708-252-8241, or Internet
newton.dep.anl.gov
or 130.202.92.50.

Jet Propulsion Laboratory
=========================
Anonymous ftp to ftp.jpl.nasa.gov or by dialup modem to +1 (818)
354-1333, up
to 9600 baud v32/v42bis/MNP5. The www address is
http://www.jpl.nasa.gov .

CD-ROMs
=======
For more information on CD-ROMs, telnet to nssdca.gsfc.nasa.gov,
username:
NODIS (no password). For a hardcopy catalog phone (301)268-6695 or
send email

to request@nssdca.gsfc.nasa.gov and ask for the "NASA Earth and Space Science
Data on CD-ROM."

NASA Press Releases
==========
NASA press releases and other information are available automatically by
sending an Internet electronic mail message to domo@hq.nasa.gov. In the body of
the message (not the subject line) users should type the words
"subscribe press-release" (no quotes). The system will reply with a
confirmation via E-mail of each subscription. A second automatic message will
include additional information on the service. Questions should be directed to
+1 202 358 4043. NASA releases also are available via CompuServe using the
command GO NASA.

KSC Press Releases and Status Reports
==========
To subscribe to KSC press releases send an email to domo@news.ksc.nasa.gov
with the message "subscribe ksc-press-release" (no quotes). To subscribe to
Space Shuttle status reports send an email to domo@news.ksc.nasa.gov with the
message "subscribe shuttle-status" (no quotes).

JSC Press Releases and Status Reports
==========
Johnson Space Center Mission Status Reports are available automatically by
sending an Internet electronic mail message to
jscnews-request@listserver.jsc.nasa.gov. In the body of the message (not the
subject line) users should type "subscribe" (no quotes). This will add the
e-mail address that sent the subscribe message to the news release distribution
list. The system will reply with a confirmation via e-mail of each
subscription. Once you have subscribed you will receive future news releases
via e-mail.

NASA Headquarters
==========
Anonymous ftp to ftp.hq.nasa.gov in directory pub/pao (has press releases,
shuttle status reports, and shuttle press kits).

Orbital Elements
==========
The most current orbital elements from the NORAD two-line element sets
are
carried on the Celestial WWW: http://celestrak.com/ and are updated
daily (when
possible). Documentation and tracking software are also available on
this
system. Element sets (also updated daily) and some documentation and
software
are available via anonymous ftp from archive.afit.af.mil (129.92.1.66)
in the
directory pub/space. As a service to the satellite user community, the
most
current of these elements are uploaded weekly to sci.space.news and
rec.radio.amateur.space. (thanks to Michael R. Grabois,
orbit@ix.netcom.com)

Brian Rehm (Rehm@serv512.gsfc.nasa.gov) and Peter Armstrong tells us:

http://spacelink.msfc.nasa.gov/Instructional.Materials/Software/Tracking.Elements

also contains the latest orbital elements. There is also tracking
software
available here for both Macs and PCs.

There's a list of some 4100+ elements posted weekly at

ftp://kilroy.jpl.nasa.gov/pub/space/elements/satelem

You can also access a very large catalogue from a site at the Goddard
OIG bbs.
It's number is +1 301 262 6784.

You won't find the elements for _ALL_ the objects out there, but you
will find
a much larger list at ftp://seds.lpl.arizona.edu/pub/sat/satelem. The
files are
UNIX Z-compressed and have over 3000 objects. To decompress them, just
leave
off the .Z when ftping them.

Eric Kaercher (astyanax@ddi.digital.net) & Gary Morris (garym@cts.com)
writes:

The latest element sets for Shuttle flights and the MIR space station
(and
someday for Alpha) can be found at
http://www.cts.com/browse/garym/elements
Elements can also be obtained from several NASA web sites
(shuttle.nasa.gov,
spacelink.msfc.nasa.gov, www.osf.hq.nasa.gov,
oigsysop.atsc.allied.com), ftp
sites (garc.gsfc.nasa.gov, archive.afit.af.mil) and other mailing

lists (AMSAT's
KEPS list, etc).

Teaching Material
=================
If you are or know a teacher, and they would like some teaching
material
posters or pictures, have them write to the following address with the
pertinent information:

NASA
PA - ESB
Kennedy Space Center FL 32899

To receive the "NASA Report To Educators" and other NASA publications,
write to
the address below:

Educational Publications Services
Mail Code XEP
NASA Headquarters
Washington DC 20546

Serving inquiries related to space exploration and other activities:

Teaching Resource Center
NASA Jet Propulsion Laboratory
Mail Stop CS-530
4800 Oak Grove Drive
Pasadena CA 91109
(818) 354 6916 Fax: (818) 354 8080

If you're interested a phone number and address you can contact for
public
information from JPL concerning unmanned planetary exploration:

(818) 354 5011

Public Information Office
NASA Jet Propulsion Laboratory
Mail Stop 186-120
4800 Oak Grove Drive
Pasadena CA 91109

Serving all states through workshops and materials:

National Air and Space Museum
Smithsonian Institution
Education Resource Center, MRC 305
Washington DC 20560
(202) 786 2109 Fax: (202) 786 2262

Keepers of the manifest, in remembrance: Ken Hollis - 1990 to 9 March
1994

1175. Re: 60 Days until I turn in my VE badge.

Newsgroup: rec.radio.amateur.space
Date: 2000-05-06 00:00:00 UTC
From: Paul Jensen <PJensen@badsector.com>
Message-ID: <8f1scu$3e3$1@server.cntfl.com>
Source record: 9509
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

oscar wrote in message <
Ham radio took another
>> step back when the no-code license was born.

Yeah, better to stick with 19th century communications and then wonder why
the amateur population is dwindling down to nothing, as the FCC takes
frequencies away from hams.

1176. ISS Downlink

Newsgroup: rec.radio.amateur.space
Date: 2000-05-06 00:00:00 UTC
From: Ash <ash@vvv.tf>
Message-ID: <39147540.44F7ECE2@vvv.tf>
Source record: 9510

Does ISS have any beacons or any other downlinks?
Or, yes, I know it has, but anyone got any freqs? :)

Reg.//Ash

1177. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-05-06 00:00:00 UTC
From: ac6v <ac6v@ix.netcom.com>
Message-ID: <39148F53.46BEEC42@ix.netcom.com>
Source record: 9511
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc

Paul Jensen wrote:

> oscar wrote in message <
> Ham radio took another
> >> step back when the no-code license was born.
>
> Yeah, better to stick with 19th century communications and then wonder why
> the amateur population is dwindling down to nothing, as the FCC takes
> frequencies away from hams.

====================
Huh -- as of April 2000 there are 678,539 US Hams
(http://www.speroni.com/FCC/Licenses.html)
In 1992 there were 524,782 US Hams (RAC CALLBOOK)

Hardly dwindling fast

The current US population is 274,745,387 (http://www.census.gov/)
The US population in 1992 was 254,994,517
(http://www.census.gov/statab/freq/99s0002.txt)

Would you care to do some math about growth rates?
--
73 from Rod in Oceanside, Ca
==========
AC6V INDEX TO DX AND HAM RADIO
FEATURING 100+ PAGES, 700 INDEXED TOPICS, AND 3000 LINKS
Over 580,000 Visits On The Counter
http://www.ac6v.com - General Ham Pages
http://www.ac6v.com/pagedx.html - DX Reference Pages

1178. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-05-06 00:00:00 UTC
From: Glen Quarnstrom <glenq@cyberhighway.net>
Message-ID: <qo69hskqccdm1f3qp7cn7fj95od3auhv4m@4ax.com>
Source record: 9512
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc

ac6v <ac6v@ix.netcom.com> wrote:

>Huh -- as of April 2000 there are 678,539 US Hams
>(http://www.speroni.com/FCC/Licenses.html)
>In 1992 there were 524,782 US Hams (RAC CALLBOOK)

This does not allow for the effects of the change to the ten year
license. It also does NOT show how many hams are inactive. Check the
stats for the ages of hams, and you'll find that the ham population is
mainly Old Farts. We're not getting nearly enough new blood to keep the
hobby vital.
--
glenq@cyberhighway.net
WB7DOW

http://www.cyberhighway.net/~glenq/

1179. Re: ISS Downlink

Newsgroup: rec.radio.amateur.space
Date: 2000-05-06 00:00:00 UTC
From: jim madden <jmadden@pop.nwnexus.com>
Message-ID: <8f29mp$1ct$1@brokaw.wa.com>
Source record: 9513

The frequencies suggested by the amateur community are as follows:

2 meter
145.8Mhz downlink
144.49 uplink

70cm
437.5 - 438.0 Mhz segment 1
435.7 - 435.8 Mhz segment 2

These frequencies are taken from the March April AMSAT journal

Ash <ash@vvv.tf> wrote in message news:39147540.44F7ECE2@vvv.tf...
> Does ISS have any beacons or any other downlinks?
> Or, yes, I know it has, but anyone got any freqs? :)
>
> Reg.//Ash
>

1180. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-05-06 00:00:00 UTC
From: "M. Schneider" <markinokla@juno.com>
Message-ID: <To5R4.1500$Jf.5104@newsfeed.slurp.net>
Source record: 9514
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc

"Glen Quarnstrom" <glenq@cyberhighway.net> wrote in message
news:qo69hskqccdm1f3qp7cn7fj95od3auhv4m@4ax.com...
> ac6v <ac6v@ix.netcom.com> wrote:
<snip>
> We're not getting nearly enough new blood to keep the
> hobby vital.
> --
> glenq@cyberhighway.net
> WB7DOW

Glen, your argument is their argument. What you see as a problem (not enough new hams), they see as a benefit. They're not interested in keeping the hobby vital. They've got their's, and the world ends when they die, so they don't care about growth and new, changing (Change!!) technology. Less hams means less competition for THEIR frequencies. If you study history at all, take a look at what happened in the late 1930's when Billy Mitchell proved that airplanes could sink ships. He got courtmartialed. The no-cw?-over-my-dead-body crowd would like to courtmartial (drumhead?) all us new hams for rocking the cw boat. There's no point in arguing with them (they love that, gives them a soapbox). Just ignore them. They'll be dead soon anyway.

Mark K5MAR

1181. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-05-06 00:00:00 UTC
From: Glen Quarnstrom <glenq@cyberhighway.net>
Message-ID: <sbr9hs4kr57t1p9njoue5beqf6sghhsbv2@4ax.com>
Source record: 9515
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc

"M. Schneider" <markinokla@juno.com> wrote:

>"Glen Quarnstrom" <glenq@cyberhighway.net> wrote in message
>news:qo69hskqccdm1f3qp7cn7fj95od3auhv4m@4ax.com...
>> ac6v <ac6v@ix.netcom.com> wrote:
><snip>
>> We're not getting nearly enough new blood to keep the
>> hobby vital.

>Glen, your argument is their argument. What you see as a problem (not
>enough new hams), they see as a benefit. They're not interested in keeping
>the hobby vital. They've got their's, and the world ends when they die, so
>they don't care about growth and new, changing (Change!!) technology. Less
>hams means less competition for THEIR frequencies. If you study history at
>all, take a look at what happened in the late 1930's when Billy Mitchell
>proved that airplanes could sink ships. He got courtmartialed. The
>no-cw?-over-my-dead-body crowd would like to courtmartial (drumhead?) all us
>new hams for rocking the cw boat. There's no point in arguing with them
>(they love that, gives them a soapbox). Just ignore them. They'll be dead
>soon anyway.

I'm 65 years old. I've been a ham since 1976, most of that time as an
Extra. Just because I'm a relative old timer doesn't mean I can't face
the facts.
--
glenq@cyberhighway.net
WB7DOW

http://www.cyberhighway.net/~glenq/

1182. <!-- To use a different cobrand, make sure you have a template for it in /parts/cobrand/ -->

Newsgroup: rec.radio.amateur.space
Date: 2000-05-07 00:00:00 UTC
From: viIuRgIb <viIuRgIb@yjJtBrHf.comNOSPAM>
Message-ID: <8f31fiirh1@nslave2.tin.it>
Source record: 9516
Body handling: HTML body converted to readable text

```
<SCRIPT language="JavaScript1.1" SRC="http://ad.it.doubleclick.net/adj/xoom.it/membersarea
;area=membersarea;abr=!ie;sz=468x60;ord=0931?">
</SCRIPT>
<NOSCRIPT>

<IMG SRC="http://ad.it.doubleclick.net/ad/xoom.it/membersarea;area=membersarea;abr=!ie4;ab
r=!ie5;sz=468x60;ord=0931?" BORDER=0 WIDTH=468 HEIGHT=60>

</NOSCRIPT>

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1183. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-05-07 00:00:00 UTC
From: "M. Schneider" <markinokla@juno.com>
Message-ID: <JZ8R4.1620$Jf.5600@newsfeed.slurp.net>
Source record: 9517
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc

"Glen Quarnstrom" <glenq@cyberhighway.net> wrote in message
news:sbr9hs4kr57t1p9njoue5beqf6sghhsbv2@4ax.com...

> I'm 65 years old. I've been a ham since 1976, most of that time as an
> Extra. Just because I'm a relative old timer doesn't mean I can't face
> the facts.
> --
> glenq@cyberhighway.net
> WB7DOW
>
> http://www.cyberhighway.net/~glenq/

And I'm 47, no spring chicken either. Had a novice ticket back in '71, but as you know, they were only good for a year back then, and an all-expenses paid trip overseas courtesy of good 'ol Unk Sam got in the way of my upgrading. (Ever tried to send CW with an M-16? And I sure didn't want a QSL from the guys on the receiving end!!) So here I am 29 years later, getting back in. But calander age has nothing to do with it, it's your mental age. And if your mental attitudes are set in stone, then your thinking will be stone age. Some of the youngest guys I know are 20-30 years older than me. And I also know a couple of 30 year old "Old Farts"

Mark K5MAR

1184. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-05-07 00:00:00 UTC
From: compcnsult@aol.com
Message-ID: <20000507101714.28986.00001555@ng-fk1.aol.com>
Source record: 9518

I agree with Mark, the worst ting the new ham upgrades can do is to NOT get on the air and use their new freqs. If the ole timers fon't want to talk to you because of your /AG or /AE call then tune to a different freq and talk to someone else.

Signed
Chuck
W0CBF (proudly) /AG

1185. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-05-07 00:00:00 UTC
From: FredJ@aol.com
Message-ID: <8f3qkl$18m1@edrn.newsguy.com>
Source record: 9519
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc

But, of course, restructuring has taken care of the "Old Fart" problem, so this is no longer an issue. The "new blood" will be flocking in droves to the door very soon now. Stop worrying. It's all taken care of.

In article <qo69hskqccdm1f3qp7cn7fj95od3auhv4m@4ax.com>, Glen says...
>
>ac6v <ac6v@ix.netcom.com> wrote:
>
>>Huh -- as of April 2000 there are 678,539 US Hams
>>(http://www.speroni.com/FCC/Licenses.html)
>>In 1992 there were 524,782 US Hams (RAC CALLBOOK)
>
>This does not allow for the effects of the change to the ten year
>license. It also does NOT show how many hams are inactive. Check the
>stats for the ages of hams, and you'll find that the ham population is
>mainly Old Farts. We're not getting nearly enough new blood to keep the
>hobby vital.
>--
>glenq@cyberhighway.net
>WB7DOW
>
>http://www.cyberhighway.net/~glenq/

1186. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-05-07 00:00:00 UTC
From: kelly@dvol.com
Message-ID: <3915a40a.154800539@news.dvol.com>
Source record: 9520
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc

On Sat, 6 May 2000 22:35:17 -0500, "M. Schneider"
<markinokla@juno.com> wrote:
>
>Glen, your argument is their argument. What you see as a problem (not
>enough new hams), they see as a benefit. They're not interested in keeping
>the hobby vital. They've got their's, and the world ends when they die, so
>they don't care
>
Baloney, we do care. What are we supposed to do? Turn the Selective
Service loose to "generate" new hams?
>
>about growth and new, changing (Change!!) technology.
>
I keep hearing this line and and I keep asking "what new
technologies"?? What "changes"? There have been megahertz upon
megahertz of 5wpm spectrum space available for experimentation and
technology development for the nearly half century I've been
licensed.. I have yet to see one significant technological leap.
Where's the beef? Why is anything going to change when us OFs die
off??
>
>new hams for rocking the cw boat. There's no point in arguing with them
>(they love that, gives them a soapbox). Just ignore them. They'll be dead
>soon anyway.
>
Then what?? Yeah, I know. More freqs for ssb. End of,
>
>Mark K5MAR
>
w3rv

1187. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-05-07 00:00:00 UTC
From: konstans@oneleven.net
Message-ID: <3915c851.18651187@nntp.one-eleven.net>
Source record: 9521
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc

On 7 May 2000 06:21:25 -0700, FredJ@aol.com wrote:

>But, of course, restructuring has taken care of the "Old Fart" problem, so this
>is no longer an issue. The "new blood" will be flocking in droves to the door
>very soon now. Stop worrying. It's all taken care of.

I wish that were the case, but considering the fact that
basicaly few beyond the ranks of ourselfs the existing pool of hams
KNOWS of the changes means that it is hard for them have much long
term effect
>
>In article <qo69hskqccdm1f3qp7cn7fj95od3auhv4m@4ax.com>, Glen says...
>>
>>ac6v <ac6v@ix.netcom.com> wrote:
>>
>>>Huh -- as of April 2000 there are 678,539 US Hams
>>>(http://www.speroni.com/FCC/Licenses.html)
>>>In 1992 there were 524,782 US Hams (RAC CALLBOOK)
>>
>>This does not allow for the effects of the change to the ten year
>>license. It also does NOT show how many hams are inactive. Check the
>>stats for the ages of hams, and you'll find that the ham population is
>>mainly Old Farts. We're not getting nearly enough new blood to keep the
>>hobby vital.
>>--
>>glenq@cyberhighway.net
>>WB7DOW
>>
>>http://www.cyberhighway.net/~glenq/
>

1188. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-05-07 00:00:00 UTC
From: "M. Schneider" <markinokla@juno.com>
Message-ID: <54IR4.3924$Jf.7990@newsfeed.slurp.net>
Source record: 9522
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc

"Brian Kelly" <kelly@dvol.com> wrote in message
news:3915a40a.154800539@news.dvol.com...
> On Sat, 6 May 2000 22:35:17 -0500, "M. Schneider"
> <markinokla@juno.com> wrote:
> >
> >Glen, your argument is their argument. What you see as a problem (not
> >enough new hams), they see as a benefit. They're not interested in
keeping
> >the hobby vital. They've got their's, and the world ends when they die,
so
> >they don't care
> >
> Baloney, we do care. What are we supposed to do? Turn the Selective
> Service loose to "generate" new hams?
> >
> >about growth and new, changing (Change!!) technology.
> >
> I keep hearing this line and and I keep asking "what new
> technologies"?? What "changes"? There have been megahertz upon
> megahertz of 5wpm spectrum space available for experimentation and
> technology development for the nearly half century I've been
> licensed.. I have yet to see one significant technological leap.

Packet, Slow-scan TV, APRS, for starters.

> Where's the beef? Why is anything going to change when us OFs die
> off??
> >
> >new hams for rocking the cw boat. There's no point in arguing with them
> >(they love that, gives them a soapbox). Just ignore them. They'll be
dead
> >soon anyway.
> >
> Then what?? Yeah, I know. More freqs for ssb. End of,
> >
> >Mark K5MAR
> >
> w3rv

As for the rest, you make my case.
All others, go to www.eham.net and take alook at the article "Three Types Of Hams". B.K> seems to be a classic type1.
Mark K5MAR

1189. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-05-07 00:00:00 UTC
From: kelly@dvol.com
Message-ID: <3915eb81.173098430@news.dvol.com>
Source record: 9523
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc

On Sun, 7 May 2000 16:22:10 -0500, "M. Schneider"
<markinokla@juno.com> wrote:
>
>> technology development for the nearly half century I've been
>> licensed.. I have yet to see one significant technological leap.
>
>Packet,
>
Twenty years later packet is still 1.2 thousand baud and my dialup
connection is 56 thousand baud and it's unregulated and doesn't need a
license to "operate". Zzzzzzzz . . .
>
> Slow-scan TV
>
Slick. Forty years old and is 20x slower than the 1930s flying spot
TV.
>
> APRS, for starters.
>
. . . there's a real mindless gooder. I have a GPS rcvr, I have a
mapper and I don't need ham radio to get me from here to there. GM and
Toyota have been putting a far more advanced interactive form of APRS
in car dashboards for years.
>
Once again, where's the beef?
>
>As for the rest, you make my case.
>All others, go to www.eham.net and take alook at the article "Three Types Of
>Hams". B.K> seems to be a classic type1.
>
Dream on.
>
>Mark K5MAR
>
Since at 62 you still havn't gotten past 5wpm I wish the best of luck
in the new regime and we'll be looking for all the technological
advances you'll shower on us now that you can finally get on 20m
phone.
>
w3rv

1190. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-05-07 00:00:00 UTC
From: Dave Stadt <dhstadt@ameritech.net>
Message-ID: <X2oR4.347$P06.36354@nntp0.chicago.il.ameritech.net>
Source record: 9524
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc

M. Schneider <markinokla@juno.com> wrote in message
news:54lR4.3924$Jf.7990@newsfeed.slurp.net...
>
> "Brian Kelly" <kelly@dvol.com> wrote in message
> news:3915a40a.154800539@news.dvol.com...
> > On Sat, 6 May 2000 22:35:17 -0500, "M. Schneider"
> > <markinokla@juno.com> wrote:
> > >
> > >Glen, your argument is their argument. What you see as a problem (not
> > >enough new hams), they see as a benefit. They're not interested in
> keeping
> > >the hobby vital. They've got their's, and the world ends when they
die,
> so
> > >they don't care
> > >
> > Baloney, we do care. What are we supposed to do? Turn the Selective
> > Service loose to "generate" new hams?
> > >
> > >about growth and new, changing (Change!!) technology.
> > >
> > I keep hearing this line and and I keep asking "what new
> > technologies"?? What "changes"? There have been megahertz upon
> > megahertz of 5wpm spectrum space available for experimentation and
> > technology development for the nearly half century I've been
> > licensed.. I have yet to see one significant technological leap.
>
> Packet, Slow-scan TV, APRS, for starters.

You call those new technology? Maybe for 1935.

> > Where's the beef? Why is anything going to change when us OFs die
> > off??
> > >
> > >new hams for rocking the cw boat. There's no point in arguing with
them
> > >(they love that, gives them a soapbox). Just ignore them. They'll be
> dead
> > >soon anyway.
> > >
> > Then what?? Yeah, I know. More freqs for ssb. End of,
> > >
> > >Mark K5MAR

> > >
> > w3rv
>
> As for the rest, you make my case.
> All others, go to www.eham.net and take alook at the article "Three Types
Of
> Hams". B.K> seems to be a classic type1.
> Mark K5MAR
>
>
>

1191. newsgroup filters

Newsgroup: rec.radio.amateur.space
Date: 2000-05-07 00:00:00 UTC
From: Joe Leikhim <jleikhim@nettally.com>
Message-ID: <39162686.D66BA253@nettally.com>
Source record: 9525

sheez when will this newsgroup get back to space and satellites. I am up
to nine filters, more than any other NG.

--
Joe Leikhim K4SAT
Jleikhim@nettally.com

"tv dinner by the pool,
i'm so glad i finished school" -F.Zappa 1967

"The Revolution will NOT be televised" -Gil Scott Heron

Dopeler effect: The tendency of stupid ideas to seem smarter when they
come
at you rapidly.

1192. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-05-07 00:00:00 UTC
From: Glen Quarnstrom <glenq@cyberhighway.net>
Message-ID: <4l9chskvkjksi3qpgrosi6qihu3if06ja8@4ax.com>
Source record: 9526
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc

"Dave Stadt" <dhstadt@ameritech.net> wrote:

>> Packet, Slow-scan TV, APRS, for starters.
>
>You call those new technology? Maybe for 1935.

Well, there went all your credibility right down the drain. If you'd
said 1965, you MIGHT have had a case.
--
glenq@cyberhighway.net
WB7DOW

http://www.cyberhighway.net/~glenq/

1193. May 9 APRS/Packet balloon; southern New Hampshire

Newsgroup: rec.radio.amateur.space
Date: 2000-05-08 00:00:00 UTC
From: HANK RILEY <hriley@umassd.edu>
Message-ID: <Pine.PMDF.3.96.1000508031718.538976421A-100000@umassd.edu>
Source record: 9527
Cross-posted to: rec.radio.amateur.space,rec.radio.amateur.misc

This balloon launching from southwest New Hampshire will drift roughly
along the border of New Hampshire and Massachusetts as it moves toward
the coastline not too far from Boston. The coverage could easily
include all of the New England states and beyond at its peak altitude.

Foxhunters/trackers could well enable the quick and successful
recovery of this balloon payload.

Full GPS telemetry will be transmitted, as well as balloon measurement
data. It may also be possible to connect to the launch crew by
packet through the balloon.

We have at HABLIC a CAPSAT coverage map based on expected line of sight
range, as well as all the relevant data and handy links for these upcoming
projects (check the nice CAPSAT webpage for detailed packet procedures).

May 9 CAPSAT southern New Hampshire
May 13 Delaware Rockets for Schools Delaware
May 13 or 14 SkyQuest experimental launch eastern Massachusetts
May 20 or 21 SkyQuest 3 eastern Massachusetts
May 27 BEAR 1 Alberta, Canada

Hank, N1LTV
SkyQuest/HABLIC

http://www.geocities.com/capecanaveral/3161/hablic.htm
HABLIC: "All balloon launches, all the time"

1194. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-05-08 00:00:00 UTC
From: kelly@dvol.com
Message-ID: <39166d87.206389577@news.dvol.com>
Source record: 9528
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc

On Sun, 07 May 2000 19:48:44 GMT, konstans@oneleven.net (Mark Morgan)
wrote:

>On 7 May 2000 06:21:25 -0700, FredJ@aol.com wrote:
>
>>But, of course, restructuring has taken care of the "Old Fart" problem, so this
>>is no longer an issue. The "new blood" will be flocking in droves to the door
>>very soon now. Stop worrying. It's all taken care of.
>
> I wish that were the case, but considering the fact that
>basicaly few beyond the ranks of ourselfs the existing pool of hams
>KNOWS of the changes means that it is hard for them have much long
>term effect
>>
You got it. There will be a heap of upgrades over the next few months,
maybe a new ham here and there and back to business as usual with some
new voices on 20m ssb. Of course it also makes life even easier for
the FCC which was the only point to the whole thing from the gitgo.
>
w3rv

1195. JY1 QSO with W5LFL

Newsgroup: rec.radio.amateur.space
Date: 2000-05-08 00:00:00 UTC
From: Harald Syverud <syverud@nvs.telnett.no>
Message-ID: <8f67o9uov1@news.netpower.no>
Source record: 9529

Hi.

Does anyone have (the file or URL to) the recording of JY1/King Hussein in QSO with Dr. Owen K Garriot / W5LFL on board space shuttle Columbia/STS-9? I know I found it once, but alas have lost the URL when changing computer.

LA6CJ/Harald

1196. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-05-08 00:00:00 UTC
From: Dave Stadt <dhstadt@ameritech.net>
Message-ID: <hGxR4.10$Uz.103@nntp0.chicago.il.ameritech.net>
Source record: 9530
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc

Glen Quarnstrom <glenq@cyberhighway.net> wrote in message
news:4l9chskvkjksi3qpgrosi6qihu3if06ja8@4ax.com...
> "Dave Stadt" <dhstadt@ameritech.net> wrote:
>
> >> Packet, Slow-scan TV, APRS, for starters.
> > >
> > >You call those new technology? Maybe for 1935.
>
> Well, there went all your credibility right down the drain. If you'd
> said 1965, you MIGHT have had a case.

Current technology in 1956, new technology in 1935.

> --
> glenq@cyberhighway.net
> WB7DOW
>
> http://www.cyberhighway.net/~glenq/

1197. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-05-08 00:00:00 UTC
From: General Mark Morgan <one.big.asshole@ahole.com>
Message-ID: <3916E474.8DA17C0A@ahole.com>
Source record: 9531
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc

Is this MARK.....

Callsign Results [ULS DATABASE]

Callsign File Number Applicant Type
Service
KB9RQZ 9711128976
I HA

Licensee Name Address PO Box
City
MORGAN, MARK C 221
ILLIOPOLIS

State Zip Grant Date
Expire Date
IL 652390221 Nov 12, 1997 Nov
12, 2007

NEPA Flag Trustee License ID
Previous Callsign

Operator Class

T

Group Previous Operator Class
Eligibility Code Trustee Ind
D
Trustee_license_id

Mark Morgan wrote:
>
> On 7 May 2000 06:21:25 -0700, FredJ@aol.com wrote:
>
> >But, of course, restructuring has taken care of the "Old Fart" problem, so this
> >is no longer an issue. The "new blood" will be flocking in droves to the door
> >very soon now. Stop worrying. It's all taken care of.
>
> I wish that were the case, but considering the fact that
> basicaly few beyond the ranks of ourselfs the existing pool of hams
> KNOWS of the changes means that it is hard for them have much long
> term effect
> >
> >In article <qo69hskqccdm1f3qp7cn7fj95od3auhv4m@4ax.com>, Glen says...

> >>
> >>ac6v <ac6v@ix.netcom.com> wrote:
> >>
> >>>Huh -- as of April 2000 there are 678,539 US Hams
> >>>(http://www.speroni.com/FCC/Licenses.html)
> >>>In 1992 there were 524,782 US Hams (RAC CALLBOOK)
> >>
> >>This does not allow for the effects of the change to the ten year
> >>license. It also does NOT show how many hams are inactive. Check the
> >>stats for the ages of hams, and you'll find that the ham population is
> >>mainly Old Farts. We're not getting nearly enough new blood to keep the
> >>hobby vital.
> >>--
> >>glenq@cyberhighway.net
> >>WB7DOW
> >>
> >>http://www.cyberhighway.net/~glenq/
> >

1198. Help with 2.4GHz feed for 3 foot dish

Newsgroup: rec.radio.amateur.space
Date: 2000-05-08 00:00:00 UTC
From: "3.14159265358979323846264338327 95" <ipete88@hotmail.com>
Message-ID: <X3BR4.71759$O7.167510@typhoon.southeast.rr.com>
Source record: 9532

Hi Guys.

I have a 3 foot dish with a f/D of .45 of .5. I would like to build a feed for it. It needs to be circulat polarized. I am going to use this antenna for the satellites. Can anyone recoment a feed? Thanks,

Pieter

1199. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-05-08 00:00:00 UTC
From: None@dontevntry.oro
Message-ID: <8f6p4iqtq1@news.uky.edu>
Source record: 9533
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc

SNIP
>And I'm 47, no spring chicken either. Had a novice ticket back in '71, but
>as you know, they were only good for a year back then, and an all-expenses
>paid trip overseas courtesy of good 'ol Unk Sam got in the way of my
>upgrading. (Ever tried to send CW with an M-16? And I sure didn't want a
>QSL from the guys on the receiving end!!) So here I am 29 years later,
>getting back in. But calander age has nothing to do with it, it's your
>mental age. And if your mental attitudes are set in stone, then your
>thinking will be stone age. Some of the youngest guys I know are 20-30
>years older than me. And I also know a couple of 30 year old "Old Farts"
>
>Mark K5MAR
If your still have your orignal Novice license you might want to check the length it was valid. Mine is from that ancient era and says 2 years non renewable. Then they made it 5 years renewable and then 10 renewable.

While I do not have much use for CW, it is fun to drag the QRP rig out into the woods every fall and see if I can still talk to the world on 2W.

1200. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-05-08 00:00:00 UTC
From: None@dontevntry.oro
Message-ID: <8f6pboqtq2@news.uky.edu>
Source record: 9534
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc

In article <hGxR4.10$Uz.103@nntp0.chicago.il.ameritech.net>,
dhstadt@ameritech.net says...
>
>
>Glen Quarnstrom <glenq@cyberhighway.net> wrote in message
>news:4l9chskvkjksi3qpgrosi6qihu3if06ja8@4ax.com...
>> "Dave Stadt" <dhstadt@ameritech.net> wrote:
>>
>> >> Packet, Slow-scan TV, APRS, for starters.
>> >
>> >You call those new technology? Maybe for 1935.
>>
>> Well, there went all your credibility right down the drain. If you'd
>> said 1965, you MIGHT have had a case.
>
>Current technology in 1956, new technology in 1935.
>
>> --
>> glenq@cyberhighway.net
>> WB7DOW
>>
>> http://www.cyberhighway.net/~glenq/
>
Not to fan the flames any more, but SSTV was invented by a University of
Kentucky grad. He did his doctorial on it. Use the (then ham) 11Mtr band.
In 1957 or so it was the newest technology. I have read and should have a copy
of his desertation. Interesting given the technology he had available to work
with.
Do a net search on Capehorn Mcdonald sometime. I
only hope I have spelled his name correctly.

1201. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-05-08 00:00:00 UTC
From: General Mark Morgan <one.big.asshole@ahole.com>
Message-ID: <39170BB9.EE0559B8@ahole.com>
Source record: 9535
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc

You might wanta to check, mine was 1966 and was good for one year
non renewable...

Who Did you Expect? wrote:
>
> SNIP
> >And I'm 47, no spring chicken either. Had a novice ticket back in '71, but
> >as you know, they were only good for a year back then, and an all-expenses
> >paid trip overseas courtesy of good 'ol Unk Sam got in the way of my
> >upgrading. (Ever tried to send CW with an M-16? And I sure didn't want a
> >QSL from the guys on the receiving end!!) So here I am 29 years later,
> >getting back in. But calander age has nothing to do with it, it's your
> >mental age. And if your mental attitudes are set in stone, then your
> >thinking will be stone age. Some of the youngest guys I know are 20-30
> >years older than me. And I also know a couple of 30 year old "Old Farts"
> >
> >Mark K5MAR
> If your still have your orignal Novice license you might want to check the
> length it was valid. Mine is from that ancient era and says 2 years non
> renewable. Then they made it 5 years renewable and then 10 renewable.
>
> While I do not have much use for CW, it is fun to drag the QRP rig out into
> the woods every fall and see if I can still talk to the world on 2W.
>

1202. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-05-08 00:00:00 UTC
From: mundyusa1@netscape.net
Message-ID: <3916ff0c.164457@news.usol.com>
Source record: 9536
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc

On Mon, 08 May 2000 16:46:26 GMT, General Mark Morgan
<one.big.asshole@ahole.com> wrote:

>You might wanta to check, mine was 1966 and was good for one year
>non renewable...

My Novice license is from 1973 (FCC form 660 - July 1972) and looking
right at it here it says 'Effective Date 04-07-73' , 'Expiration Date
04-07-75.' There's also an outlined box in the upper right hand corner
that says 'Not Transferable.' There's no mention on my license about
it not being renewable but I don't think ?? it was.

>
>Who Did you Expect? wrote:
>>
>> SNIP
>> >And I'm 47, no spring chicken either. Had a novice ticket back in '71, but
>> >as you know, they were only good for a year back then, and an all-expenses
>> >paid trip overseas courtesy of good 'ol Unk Sam got in the way of my
>> >upgrading. (Ever tried to send CW with an M-16? And I sure didn't want a
>> >QSL from the guys on the receiving end!!) So here I am 29 years later,
>> >getting back in. But calander age has nothing to do with it, it's your
>> >mental age. And if your mental attitudes are set in stone, then your
>> >thinking will be stone age. Some of the youngest guys I know are 20-30
>> >years older than me. And I also know a couple of 30 year old "Old Farts"
>> >
>> >Mark K5MAR
>> If your still have your orignal Novice license you might want to check the
>> length it was valid. Mine is from that ancient era and says 2 years non
>> renewable. Then they made it 5 years renewable and then 10 renewable.
>>
>> While I do not have much use for CW, it is fun to drag the QRP rig out into
>> the woods every fall and see if I can still talk to the world on 2W.
>>

1203. Intellegent Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-05-08 00:00:00 UTC
From: General Mark Morgan <one.big.asshole@ahole.com>
Message-ID: <39172915.DA04DDAC@ahole.com>
Source record: 9537
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc

Oh my.......

Steve wrote:
>
> On Mon, 08 May 2000 16:46:26 GMT, General Mark Morgan
> <one.big.asshole@ahole.com> wrote:
>
> >You might wanta to check, mine was 1966 and was good for one year
> >non renewable...
>
> My Novice license is from 1973 (FCC form 660 - July 1972) and looking
> right at it here it says 'Effective Date 04-07-73' , 'Expiration Date
> 04-07-75.' There's also an outlined box in the upper right hand corner
> that says 'Not Transferable.' There's no mention on my license about
> it not being renewable but I don't think ?? it was.
>
> >
> >Who Did you Expect? wrote:
> >>
> >> SNIP
> >> >And I'm 47, no spring chicken either. Had a novice ticket back in '71, but
> >> >as you know, they were only good for a year back then, and an all-expenses
> >> >paid trip overseas courtesy of good 'ol Unk Sam got in the way of my
> >> >upgrading. (Ever tried to send CW with an M-16? And I sure didn't want a
> >> >QSL from the guys on the receiving end!!) So here I am 29 years later,
> >> >getting back in. But calander age has nothing to do with it, it's your
> >> >mental age. And if your mental attitudes are set in stone, then your
> >> >thinking will be stone age. Some of the youngest guys I know are 20-30
> >> >years older than me. And I also know a couple of 30 year old "Old Farts"
> >> >
> >> >Mark K5MAR
> >> If your still have your orignal Novice license you might want to check the
> >> length it was valid. Mine is from that ancient era and says 2 years non
> >> renewable. Then they made it 5 years renewable and then 10 renewable.
> >>
> >> While I do not have much use for CW, it is fun to drag the QRP rig out into
> >> the woods every fall and see if I can still talk to the world on 2W.
> >>

1204. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-05-08 00:00:00 UTC
From: Glen Quarnstrom <glenq@cyberhighway.net>
Message-ID: <bj1ehs8ie7d05jbvqkv7j54qen4s9c1soe@4ax.com>
Source record: 9538
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc

"Dave Stadt" <dhstadt@ameritech.net> wrote:

>Glen Quarnstrom <glenq@cyberhighway.net> wrote in message
>news:4l9chskvkjksi3qpgrosi6qihu3if06ja8@4ax.com...
>> "Dave Stadt" <dhstadt@ameritech.net> wrote:
>>
>> >> Packet, Slow-scan TV, APRS, for starters.
>> >
>> >You call those new technology? Maybe for 1935.
>>
>> Well, there went all your credibility right down the drain. If you'd
>> said 1965, you MIGHT have had a case.
>
>Current technology in 1956, new technology in 1935.

Cites?

Didn't think so.
--
glenq@cyberhighway.net
WB7DOW

http://www.cyberhighway.net/~glenq/

1205. Radio Meteor Obs. Bull. April 2000

Newsgroup: rec.radio.amateur.space
Date: 2000-05-08 00:00:00 UTC
From: steyaert@vvs.be
Message-ID: <391731c3.13990481@news.innet.be>
Source record: 9539
Cross-posted to: sci.astro.amateur,rec.radio.amateur.space

Radio Meteor Observation Bulletin No. 81 May 2000

1. FORWARD SCATTER METEOR OBSERVATIONS

Observer: Enric Fraile Algeciras
Location: Paseo Bonanova, 8 Barcelona (02 07'E, 41 24' N)
Frequency: 48.24715 MHz.
Transmitter Location: Biedenkopf C2 TV, Video Frequency 48.250 MHz,
ERP 100 kW, Azimuth 90 +/-65
Antenna: 6-element Yagi 617-6B, 14 dBd gain.
astronomical azimuth 215 deg (=NE), elevation 0 deg.
Antenna: Six element Yagi 617-6B, 14 dBi gain, horizontal polariz.
Azimuth 200 deg (NE), elevation 20 deg
Receiver: home made converter 20 dB gain, 1 dB noise and Kenwood TS-830S.
10 dB attenuator in the receiver to reduce direct reception
Sensitivity: 0.25 uV for 10 dB S/N
Observing method: the audio signal of the video carrier is received using
a narrow CW filter (500 Hz) and fed into the PC in real time.
Data sampling system: own written software "MSD" with sound card.

| Apr 2000
UT | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
----+---
0h| 15 9 12 27 19 11 22 13 11 8 4 4 18 3 6
1 | 8 6 5 18 12 14 16 16 11 6 5 5 10 2 7
2 | 6 6 13 26 14 10 17 7 6 8 5 11 3 2
3 | 3 6 8 12 17 8 17 15 17 9 5 3 6 0 6
4 | 6 9 11 17 22 13 10 23 3 4 6 2 13 5 2
5 | 4 18 5 24 29 14 27 22 10 14 6 5 15 6 6
6 | 10 16 6 16 19 19 23 24 13 9 7 6 9 6 8
7 | 16 9 21 19 16 15 62 21 20 13 4 10 31 5 7
8 | 11 26 41 19 28 72 21 7 5 8 35 13 10 15
9 | 8 29 62 31 24 25 23 18 9 11 27 34 9 10
10 | 8 36 36 18 16 26 59 9 1 8 21 16 7 8
11 | 13 5 14 23 8 6 12 7 7 0 5 15 22 7 9
12 | 11 5 9 18 16 9 13 11 9 2 3 13 17 7 3
13 | 10 9 19 21 13 17 14 13 10 18 1 10 19 8 13
14 | 10 10 18 19 20 12 14 10 9 14 6 20 12 6 5
15 | 7 6 18 16 7 6 4 10 15 11 2 15 15 14 5
16 | 4 9 15 11 8 5 15 2 5 3 1 15 13 5 1
17 | 5 2 8 7 13 10 9 11 2 6 6 14 13 3 5
18 | 6 2 13 15 4 9 2 7 14 0 6 11 2 1
19 | 9 9 11 14 9 5 5 6 6 5 4 18 1 1 4
20 | 6 9 17 5 5 10 11 6 9 4 2 10 7 8 0

```
21 | 12 1 20 23 18 15 13 21 8 10 6 6 2 10 6
22 | 19 7 16 14 17 15 19 17 13 7 2 20 5 7 8
23 | 18 7 11 20 14 19 21 9 14 11 2 20 0 4 2
----+------------------------------------------------------------
UT | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
| Apr 2000

| Apr 2000
UT | 16 17 18 19 20 21 22 23 24
----+-------------------------------------
0 | 2 3 3 4 3 8 30 11 4
1 | 3 7 2 3 7 10 13 18 5
2 | 2 4 3 7 1 9 15 19 3
3 | 4 4 0 3 8 3 16 4 3
4 | 10 6 5 7 12 7 9 12 5
5 | 9 5 10 11 3 4 10 9 15
6 | 2 11 6 17 6 12 4 15 15
7 | 21 10 7 10 11 27 19 33 23
8 | 9 24 12 10 21 24 30 11 8
9 | 7 5 20 8 16 23 17 6 14
10 | 7 21 10 7 13 33 12 7 12
11 | 17 5 6 7 8 9 12 6 7
12 | 2 6 3 12 8 7 21 4 28
13 | 6 8 14 5 13 12 8 2 5
14 | 9 12 13 8 18 13 16 8 7
15 | 5 6 6 6 6 9 9 7 4
16 | 1 8 6 1 5 8 4 4 4
17 | 1 7 7 4 4 5 10 4
18 | 2 0 2 10 4 9 4 7
19 | 2 3 5 5 7 11 3 3
20 | 3 6 5 1 3 3 6 4
21 | 5 4 5 4 11 9 12 10
22 | 4 3 3 6 5 28 10 6
23 | 3 8 5 8 16 21 11 4
----+-------------------------------------
UT | 16 17 18 19 20 21 22 23 24
| Apr 2000
```

Enric Fraile Algeciras

Observer: Michael Boschat
Location: Halifax, Canada (63 36'W, 44 39'N, 58 meters above sea level)
Listening Frequency: 83.24 MHz
Receiver: Icom R-10
Antenna : resonant dipole
Antenna Direction: Horizontally polarized with lobes in E-W plane, elev 0 deg
Filter : high-Q (Q at least 300) bandpass filter between antenna & receiver.
Listening Mode: CW
Recording method: listening by ear

April 2000

Number of meteors heard in one hour interval

```
2000| UT
Apr | 09h 10 11 12 13 14 15 16 17 18
----+-----------------------------------
05 | - - - 18 31 24 17 - - -

19 | - - - 11 21 24 15 - - -
20 | - - 20 19 26 27 29 19 13 -
21 | - - 9 22 20 17 28 26 18 11
22 | - - 12 17 19 - - - - -
----+-----------------------------------
| 09h 10 11 12 13 14 15 16 17 18
```

Notes:
. no corrections for radiant position made to the counts.
. - = no observations made.
. * = interference

Mike Boschat

Observer: Maurice De Meyere
Location: Deurle, Belgium (3 37' E, 51 00' N)
Frequency: 66.51 MHz
Transmitter locations (all stations of more than 10 kW):
66.35 MHz, Klaipeda, Lithuania 12 kW, 05h00-22h00
66.47 Viesintos Lithuania 12 05h00-22h00
66.62 Budapest Hungary 100 24hrs
66.68 Valmiera Latvia 20 04h30-22h00
Antenna: crossed Yagi (x form), 4 elements, astronomical azimuth 270 deg
(= E), elevation 27 deg.
Antenna amplifier: 25 dB max level 90 dBmuV
Receiver: commercial, Progresson 447A, TESLA (Bratislava)
The receiver was calibrated with a Marconi TF2008 signal
generator. Sensitivity: 5 muV (modulation frequency
1000 Hz, frequency sweep 38 kHz) at (S+N)/N = 20 dB.
SWR of antenna alone at 66.5 MHz: 1.4/1 (good to very good),
measured with MFJ/259P SWR analyzer (HF-VHF 1.8 MHz to 170 MHz)
on Sep 28, 1998.
Observing method: automated setup, 150 samples/second, 8 bit resolution.
[Time and details of all individual meteor reflections are stored
on file in the Ghent University format (Prometeos), and are
available for further analysis. Reduction software for DOS and
Windows available].

April 2000

Raw counts of reflections with a duration of at least 0.027 s
during one hour interval starting at UT:

```
Apr | UT
2000 | 20h 21 22 23 00 01 02 03 04 05 06
------+-----------------------------------------------------
1- 2 | 20 14 1 2 1 11 48 54 108 64
2- 3 | 22 ? ? 2 7 31 35 ? ? ?
3- 4 | 19 8 3 1 8 32 41 96 101 50
4- 5 | 20 7 7 2 8 42 41 88 87 ?
5- 6 |
6- 7 | 30 3 36? 3 10 27 44 61 35 41
7- 8 | 22 44? 19? 23 8 39 63 55 98 49
8- 9 | 9 26? 2 7 9 9 47 72 ? 96
9-10 | 14 8 1 12 7 35 52 64 57 97
10-11 | 12 19 7 4 9 19 51 50 68 86
11-12 | 26 4 2 1 10 38 48 52 49 73
12-13 | 23 5 2 3 8 25 47 59 59 69
13-14 | 9 8 2 6 14 32 67 78 74 111
14-15 | 20 12 7 5 9 33 55 48 83 38
15-16 | 11 16 20 3 2 10 51 39 72 90
16-17 | 0 16 20 5 1 11 28 54 28 64
17-18 | 18 25 2 0 10 34 86 48 69 70
18-19 |
19-20 | 23 22 16 7 3 11 52 67 ? ? 72
20-21 | ? 26 ? 10 5 13 42 79 29 108 59
21-22 | 53? 78? 2 3 4 13 44 83 84 95 67
22-23 | 28 16 1 0 1 4 19 63 63 79 101
23-24 | ? ? 38? 60 4 12 52 83 ? ? 103
24-25 |
25-26 | 3 20 20 2 3 10 21 36 39 91 38
26-27 | 33 26 20 1 0 21 41 68 ? 73 11
27-28 | 22 22 2 3 7 22 40 66 54 ? ?
28-29 | 34 25 1 6 2 16 31 81 93 101 43
29-30 | 36 19 2 6 2 4 16 59 78 ? ?
30- 1 | 29 2 11 ? ?
------+-----------------------------------------------------
2000 | 20h 21 22 23 00 01 02 03 04 05 06
Apr | UT
```

Raw counts of reflections with a duration of at least 1.000 s
during one hour interval starting at UT:

```
Apr | UT
2000 | 20h 21 22 23 00 01 02 03 04 05 06
------+-----------------------------------------------------
1- 2 | 1 1 0 0 1* 1 4 14* 29? 15*
2- 3 | 12* ? ? 2* 0 7* 3 25* ? 32*
3- 4 | 1 0 1* 0 3* 7* 6 16 15 5
4- 5 | 3 3* 0 0 0 0 7 12 17 ?
5- 6 |
6- 7 | 5 0 ? 1* 1 2 1 10 3 2
7- 8 | 5* 7 4* ? 1 11? 10 10 16 6
8- 9 | 6* 3 1* 0 0 0 5 14 ? 18
9-10 | 7* 0 0 6* 1 0 5 8 16* 23*
```

```
10-11 | 1 2* 2* 2* 1 1 6 11* 14* ?
11-12 | 3 1* 0 0 2 6 2 8 4 13
12-13 | 3 1 0 1* 1 7* 5 7 12* 26*
13-14 | 1 1 1* 1 1 4 7 ? 12 22
14-15 | 1 2 4* 2* 2* 3 6 7 10 6
15-16 | 2 2 5* 0 0 2 7 1 8 24*
16-17 | 0 1 5* 1 0 5* 2 11* 0 17
17-18 | 3 6* 0 0 0 4 12 1 1 17*
18-19 |
19-20 | 4 3 8? 3* 0 4 12? 7 ? ? 20*
20-21 | 12 8* 34? 3* 1 0 8 17* 22 27* 14*
21-22 | 14* 18* 0 2* 0 2 4 11 10 29* 7
22-23 | 8* 2 0 0 0 1* 4* 4 11 19 15
23-24 | ?* ? 21? ? 1* 2 4 10 ? ? ?
24-25 |
25-26 | 0 8? 1 0 0 1 1 4 11* ? 7
26-27 | 3 10? 6? 0 0 3 6 12 ? 17* 2
27-28 | 2 4 0 1* 3* 4 3 8 4 ? ?
28-29 | 5 3 0 1 1* 2 5 10 20* 25* 7
29-30 | 6 4* 1* 1 0 0 0 10* 20* ? ?
30- 1 | 6* 0 3* 6 6
------+-----------------------------------------------------
2000 | 20h 21 22 23 00 01 02 03 04 05 06
Apr | UT
```

Notes:
. ? probably affected by sporadic-E, tropo, direct reception.
. * warning for relative high number of long duration reflections,
an indication for potential stream activity.
. local time = UT + 2 hours

Maurice De Meyere

Observer: Didier Favre
Location: Annecy, France, 6 08' E, 45 55'
Frequency: 105.75 MHz
Antenna: 3 elements Yagi, direction North-East, elev. 60 deg
Receiver: Tuner Yamaha TX-480L
Observing method: METEOR v 4.0 on a 66 MHz PC486, THRESHOLD = 6
The recordings have been corrected in displaying the RAW
file with Colorgramme v1.5

```
| Apr 2000
UT | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
---+-----------------------------------------------------
0h| 1 0 0 0 0 0 0 0 0 2 2 7 3
1 | 0 0 0 0 0 0 0 0 0 6 1 3 1
2 | 0 0 0 1 0 0 1 0 0 4 2 3 1
3 | 0 0 0 0 0 0 0 0 0 7 2 5 0
4 | 0 0 1 0 0 0 2 0 1 3 3 3 0
```

```
5 | 1 6 0 0 0 0 1 0 0 4 2 0 2
6 | 0 0 0 0 0 0 1 0 0 0 1 2 1
7 | 0 0 0 0 0 0 0 0 0 4 4 2 5
8 | 0 1 0 0 0 0 0 1 0 4 5 3 8
9 | 0 0 0 1 0 1 0 0 0 1 1 2 6
10 | 0 0 0 0 1 0 0 0 0 5 0 1 2
11 | 11 0 0 0 0 0 0 0 0 5 9 1 2
12 | 2 0 1 0 0 1 0 0 0 0 5 6 1
13 | 1 0 1 0 0 0 1 0 0 2 2 5 13
14 | 5 1 0 0 0 0 4 0 1 7 0 5 8
15 | 1 0 0 0 0 0 1 0 0 2 0 0 0
16 | 0 0 0 0 0 0 0 1 1 1 0 2 0
17 | 0 0 0 0 0 0 0 0 0 4 4 2 2
18 | 0 0 3 0 0 0 0 0 0 0 3 0 2
19 | 0 0 3 0 0 1 1 0 0 1 0 0 3
20 | 0 0 3 1 0 0 0 0 1 1 2 0 0
21 | 0 0 0 0 0 0 0 0 1 0 0 0 0
22 | 0 0 1 0 0 0 0 0 1 1 1 2 1
23 | 0 0 0 0 0 0 0 1 2 6 0 5 2 0 1
---+------------------------------------------------------------
UT | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
| Apr 2000

| Apr 2000
UT | 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
---+------------------------------------------------------------
0 | 2 4 3 1 2 3 0 0 0 0 0 3 1 - 0
1 | 1 4 1 3 1 2 2 - 0 1 1 1 0 0 1
2 | 1 0 2 4 1 3 8 0 1 0 1 0 0 1 4
3 | 3 1 0 0 1 11 0 1 0 1 0 0 2 3 -
4 | 4 7 1 2 1 0 1 3 5 0 1 5 0 1 -
5 | 3 1 6 0 4 3 0 3 1 1 2 2 3 3 -
6 | 1 0 5 0 2 1 0 0 6 1 1 5 4 2 -
7 | 11 1 1 4 1 4 1 6 2 1 6 2 4 1 -
8 | 1 4 1 1 2 2 3 3 0 1 1 4 1 0 -
9 | 3 3 3 1 0 0 1 1 2 5 8 5 0 - -
10 | 1 0 1 0 1 4 1 1 1 6 2 2 0 - -
11 | 2 2 0 0 2 0 0 2 2 - - 0 2 1 -
12 | 1 1 5 0 0 0 0 0 ? 4 0 0 0 - 1
13 | 0 0 1 3 0 2 1 - 3 10 - - 1 0 1
14 | 3 6 1 0 1 5 1 0 1 0 2 1 0 - 1
15 | 0 1 3 0 0 - 0 0 3 0 1 3 4 2 1
16 | 0 0 1 1 0 8 0 0 3 0 2 1 - 0 -
17 | 1 1 0 1 0 5 0 0 0 1 2 3 1 - -
18 | 0 0 2 0 0 3 1 0 0 0 0 0 1 - -
19 | 1 1 2 0 0 2 1 0 0 2 0 1 - - -
20 | 1 1 1 2 0 2 1 0 1 1 0 0 - - -
21 | 1 4 2 2 0 1 1 2 0 0 0 1 1 0 0
22 | 4 3 1 0 0 0 1 0 1 1 0 0 1 0 0
23 | 0 3 3 1 0 1 2 0 0 1 1 2 0 0 0
```

```
---+------------------------------------------------------------
UT | 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
| Apr 2000
```

Didier Favre

```
-------------------------------------------------------------------------
Location: Astronomical Observatory, Ghent University, Belgium
(ED50 coordinates: 3 42' 32" E, 51 01' 25" N)
Antenna (2x): 4 elements horizontal Yagi, pointed East, elevation= 20 deg
Antenna amplifier: 10 dB gain
narrow band resonance lambda/4 antenna filter
Frequency: (1)=66.29 MHz (signal) and (2)=65.3 MHz (interference control)
Receiver (2x): modified commercial FM receiver
Data acquisition: 12 bits PC-based A/D convertor, 250 Hz sampling rate
Interference rejection:
dual setup: receiver (1) tuned at distant transmitter, receiver (2)
tuned at empty frequency. Anti-coincidence measurement rejects
registration of broadbanded spurious signals (lightning, computers,
ignition motors, etc).
Further information:
see WWW page (additional info + observational data)
http://allserv.rug.ac.be/~hdejongh/astro/meteor/meteor.html
Data format:
results are shown as total reflection time, expressed as
a percentage. The actual number shows 10 times this value.
When no figure is shown, the equipment was either out of service,
or results could have been affected by interference, sporadic-E.

-----------------------------------------------------------------
| Apr 2000 | 10x % reflec. time | horiz: day | vert: time UT|
-----------------------------------------------------------------
| 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
---+-------------------------------------------------------------
0 | 2 7 4 2 2 3 12 2 4 2 1 2 3 1 5
1 | 5 3 6 2 11 1 3 9 12 2 4 3 2 2 2
2 | 4 10 20 5 13 17 15 8 6 11 6 10 7 7 15
3 | 14 35 11 25 25 17 16 31 37 32 31 20 13 26 33
4 | 18 13 10 41 12 19 14 22 14 18 47 22 18 16 26
5 | 14 12 18 21 51 14 22 25 21 17 27 25 11 17 38
6 | 12 22 18 21 14 23 22 24 33 19 18 35 25 57 42
7 | 20 28 13 18 10 15 26 27 13 11 13 22 22 23 35
8 | 24 20 37 13 19 16 12 53 16 12 12 9 18
9 | 30 22 21 22 6 22 34 19 34 15 20 13 24 31 19
10 | 13 12 16 16 18 15 14 51 35 18 12 18 12 27 34
11 | 19 23 52 19 22 10 8 25 18 21 13 10 13 33 31
12 | 25 19 11 14 12 7 5 24 18 6 11 6 14 13 24
13 | 9 6 9 15 8 7 7 15 13 5 4 7 4 11 19
14 | 15 4 8 7 4 14 7 7 28 14 6 6 7 6 10
15 | 4 4 6 8 6 6 6 10 7 3 8 2 4 13 8
16 | 4 4 1 10 3 2 5 2 2 5 7 4 8 10 4
```

```
17 | 3 9 4 16 3 2 15 8 4 16 8 9 8 3 4
18 | 6 1 10 7 3 3 2 2 5 10 8 4 21 5 5
19 | 5 4 2 5 5 3 22 4 6 3 5 7 10 3 5
20 | 6 6 3 7 7 3 12 8 4 7 7 2 4 13 21
21 | 3 11 3 5 3 25 8 6 3 6 13 5 2 21 9
22 | 2 0 1 7 1 1 1 3 4 1 1 2 2 1 22
23 | 2 3 1 5 5 1 12 3 1 1 1 1 2 1 0
---+------------------------------------------------------------
| 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

------------------------------------------------------------
| Apr 2000 | 10x % reflec. time | horiz: day | vert: time UT|
------------------------------------------------------------
| 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
---+------------------------------------------------------------
0 | 3 1 6 3 3 6 7 7 12 5 8 1 11 2 4
1 | 2 1 7 2 13 9 6 8 4 6 4 7 9 6 15
2 | 7 13 11 21 15 36 31 16 11 10 15 25 17 15 14
3 | 33 23 50 18 16 49 110 50 28 23 38 41 26 40 44
4 | 12 15 30 22 33 42 70 35 31 18 36 44 21 24 28
5 | 28 17 54 33 17 60 90 32 41 27 29 44 21 41 46
6 | 17 32 40 20 13 33 60 55 29 43 15 32 16 60 57
7 | 38 7 32 26 16 44 75 67 67 29 26 23 40 53 61
8 | 57 14 30 22 38 41 89 49 57 35 40 48 20 54 34
9 | 43 9 24 22 29 26 61 43 60 55 23 15 46 89
10 | 30 15 32 20 27 29 34 48 18 33 16 27 14 53 45
11 | 15 15 15 37 28 20 33 31 48 20 29 15 39 46
12 | 23 19 10 22 31 14 29 30 41 23 15 64 20 23 42
13 | 32 8 15 13 15 19 19 18 19 15 7 20 19 31
14 | 8 5 20 13 14 6 7 11 10 15 6 13 10 19 22
15 | 5 4 5 3 4 7 13 14 6 24 5 7 6 10 14
16 | 8 3 9 5 3 4 12 11 5 3 3 10 9 11 4
17 | 9 3 7 9 3 11 10 8 6 4 5 3 9 5 9
18 | 10 5 4 7 7 12 22 6 15 5 2 12 5 9 4
19 | 11 5 19 3 21 28 5 4 5 5 6 3 5 6 4
20 | 4 15 9 6 14 22 15 9 6 13 6 11 8 5 5
21 | 3 9 18 3 3 43 7 4 5 8 10 13 2 2 14
22 | 1 3 6 2 2 1 1 3 5 1 2 3 2 11 1
23 | 2 2 2 3 9 1 1 4 5 1 1 1 2 3 1
---+------------------------------------------------------------
| 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
```

Notes:
. the Lyrids show up nicely, notwithstanding the current constraints.
. also noticeable is the slight increase towards the end of the month
which continues in May (apparently starting slightly earlier than
during the previous years).

Pierre De Groote

Observer : Rafael Haag
Location : Porto Alegre, Brazil (51 10' W, 30 30' S)
Frequency: 83.25 MHz
Receiver: home made convertor, 1.5 dB noise and Sony ICF-7600G as FI.
0.2 uV for 10 dB S/N
Transmitter Location: many stations, video carrier C6
Antenna: 2 element Yagi, elevation 90 deg (zenith)
Observing method: the audio signal of the video carrier is fed into PC sound port.

April 2000

Number of meteors heard in one hour interval

UT	Apr 21	Apr 22	Apr 23
00h	23	26	25
01	25	29	29
02	35	39	33
03	49	58	40
04	55	59	42
05	63	76	65
06	60	68	72
07	65	72	69
08	61	65	71
09	54	58	61
10	56	53	52
11	47	47	43
12	43	46	50
13	39	31	44
14	33	35	29
15	31	32	30
16	22	28	24
17	15	22	17
18	18	16	17
19	16	20	14
20	17	18	15
21	21	24	19
22	20	24	23
23	19	27	25

Note: I think this is the first bulletin of a Brazilian Forward Scatter Meteor Station! From May or June onwards, the Radio Meteor Observatory will be operating permanently.

Rafael Haag

Observer: Werfried Kuneth
Location: Ferndorf, Austria (13 37' E, 46 45' N)
Antenna: 2 element Yagi, direction southeast, no elevation at 1 m height.
Receiver: IC-706 at 53.76065 MHz, CW-R mode, 500 Hz CW filter, fast AGC.

Transmitters: 1) 30 kW TV video carrier from Bari, Italy, distance 700 km, direction south and 2) a 30 kW TV video carrier from Sicilia, Italy, distance 900 km, south. The total echo power of both transmitters is processed into same 40 Hz virtual receiver channel.
Observing method: automatic setup using FFTDSP42t software by AF9Y to record the audio signal. 20 channels of 2 Hz width are used for meteor identification, with manual interference rejection.
Sampling interval: one 4096 point FFT every 0.5 seconds.

The monthly results showing the total reflective time are now also available at http://www.qsl.net/oe8fnk this includes now also Es, FAI and radio fireball statistics, and the original leonids 1999 peak recordings.

The meteor counts below are corrected for a full hour observing time. If the recording duration is 20-40 minutes, a dot is shown after the value, to show the reduced accuracy. Results for less than 20 min. observing time are excluded.

Counts of reflections longer than 3.5 seconds

| Apr 2000
UT| 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
---+--
0| 3 0 5 3 3 2 1 2 6 6 9 1
1| 6 1 3 1 7 3 4 9 3 4 6 5
2| 6 2 11 10 4 4 4 5 7 6 6 6
3| 6 7 9 5 7 10 1 3 2 2 2 4
4| 5 6 6 2 5 12 11 7 7 2 6 11
5| 4 13 4 11 6 1 6 4 12 8 6 5
6| 2 4 12 6 10 11 11 9 9 6 10 12
7| 10 7 8 10 12 5 11 12 12 12 14 8
8| 5 9 6 13 12 4 12 8 4 8 8 11
9| 9 5 10 6 11 10 8 4 6 5 4
10| 7 10 10 4 5 5 4 10 3 10 4
11| 7 3 5 5 6 10 1 7 5 12 9 3
12| 1 3 3 7 4 6 7 7 4 9 8 7
13| 4 2 6 5 6 6 3 3 4 8 3 7
14| 1 2 3 1 4 4 3 3 4 5 2
15| 0 2 3 2 3 0 0. 3 4 2 0 2
16| 1 0 1 1 4 0 0 0 2 1 1
17| 3 1 3 1 1 1 0. 2. 3 0 0 2
18| 1 2 1 3 0 0 0 1 3 1 2 2
19| 0 2 3 2 0 1 1 2 4 0 4 2
20| 4 2 2 1 0 4 0 5 0 4 1 0
21| 1 6 1 6 3 1 7 1 2 1 1 4
22| 2 1 2 3 3 4 0 3 4 1 2 2
23| 2 2 6 2 4 4 3 4 1 1 5 8
---+--
UT| 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
| Apr 2000

```
| Apr 2000
UT| 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
---+--------------------------------------------------------
0| 2 6 0. 6 8 9 12 9 4 7 5 1 4 9 5
1| 7 2 8 9 16 11 9 4 5 6 5 2 7 8
2| 3 6 9 4 7 11 7 2 2 2 9 5 8 8
3| 3 7 6 16 10 16 10 6 5 2 3 10 3 10
4| 12 13 9 13 15 19 20 8 9 9 14 3 3 8
5| 6 10 0. 10 10 18 21 7 9 8 9 13 13 15. 14
6| 3 9 12 10 9 14 9 7 9 7 10 8 11 10 19
7| 3 13 10 10 13 15 20 22 8 8 7 12 8 13 9
8| 10 9 6 15 11 13 14 5 12 12 10 17 13 5
9| 6 7 5. 9 5 8 12 4 6 9 5 7 7 4 5
10| 7 12 10 6 4 3 8 11 5 6 11 6 6 12 16
11| 11 9 3 4 6 5 12 11 10 14 8 8 16 6 9
12| 12 7 7 6 2 7 7 8 5 11 11 4 14 5 5
13| 5 5 5 1 6 4 8 6 5. 4 10 6 5 4 7
14| 3 7 0 2 2 4 0 3 4 7 4 5 3 2 0
15| 0 4 4 1 1 3 2 0 3 0 2 0. 3 0 0
16| 2 2 3 0 4 0 0 4 2 1 1 4 1 3
17| 1 2 3 0 2 0 0 2 1 1 0 2 2 1
18| 0 2 0 1 3 0 3 1 0 2 1 2 1 0 1
19| 2 1 0 4 2 1 3 1 1 1 1 1 2 2 0
20| 3 2 2 2 4 4 2 3 3 4 2 1 2 4 2
21| 1 4 0 1 6 9 3 3 2 1 3 2 0 3 1
22| 8 3 3 4 14 6 7 1 1 4 3 3 5 1
23| 5 4 5 5 3 14 5 3 8 4 7 5 3 5 3
---+--------------------------------------------------------
UT| 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
| Apr 2000

Propagation overview for April 2000

E : sporadic-E or E-layer propagation
F : FAI (field aligned irregularity)
- : propagation only via meteor echoes.
(blank) : no data available

| Apr 2000
UT| 1 2 3 4 5 6 7 8 9101112131415161718192021222324252627282930
---+------------------------------------------------------------
0| - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
1| - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
2| - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
3| - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
4| - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
5| - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
6| - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
7| - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
8| - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
9| - - - - - - - - - - - - - E - - - - - - - - - - - - - -
10| - - - - - - - - - - - - - E - - - - - - - - - - - - - -
```

```
11| - - - - - - - - - - - - - - E - - - - - - - - - - - - -
12| - - - - - - - - - - - - - - - - - - - - - - - - - - - -
13| - - - - - - - - - - - - - - - - - - - - - - - - - - - -
14| - - - - - - F - - - - - - - - - - - - - - - - - - - - -
15| - - - - - - F F - - - - - - - - - - - - - - - - - - - -
16| - - - - - - F F - - - - - - - - - - - - - - - - - - - -
17| - - - - - - - F - - - - - - - - - - - - - - - - - - - -
18| - - - - - - - - - - - - - - - - - - - - - - - - - - - -
19| - - - - - - - - - - - - - - - - - - - - - - - - - - - -
20| - - - - - - - - - - - - - - - - - - - - - - - - - - - -
21| - - - - - - - - - - - - - - - - - - - - - - - - - - - -
22| - - - - - - - - - - - - - - - - - - - - - - - - - - - -
23| - - - - - - - - - - - - - - - - - - - - - - - - - - - -
---+------------------------------------------------------------
UT| 1 2 3 4 5 6 7 8 9101112131415161718192021222324252627282930
| Apr 2000
```

Notes:
. Lyrids active from April 19 to 22.
. from April 25 the Eta Aquarids activity starts.
. local time conversion: 2 hours ahead of UT (6h local = 4 h UT).

Werfried Kuneth

Observer: R.B. Minton
Location: Raton, NM (104 26' W, 36 54' N, 2000 m above sea level)
Frequency: 92.9 MHz
Transmitters: KTZA FM 100 kW, Artesia NM, dist 444 km, geogr azim 178 deg
KSPZ FM 53 kW, Color. Springs, dist 217 km, geogr azim 352 deg
KYBR FM ? kW, Espanola NM, dist 180 km, geogr azim 236 deg
???? FM ? kW, Juarez Mexico, dist 579 km, geogr azim 198 deg
KWFM FM 90 kW, Tucson AZ, dist 798 km, geogr azim 233 deg
Antenna: folded dipole, on 6.3 m high mast, oriented N-S
Receiver: Subaru 12 V DC car radio with digital tuning
Observing method: conditioned audio input in the game port of an IBM 386 SX-50 PC, 128 samples/second, DOS/Basic software, automatic

Total hourly counts

March 2000

```
Mar| UT
2000| 0h 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23
----+------------------------------------------------------------------------
1 | 6 7 10 5 12 8 5 6 4 4 7 6 4 10 3 10 13 11 14 10 9 10 16 11
2 | 12 8 14 31 5 7 2 4 3 0 3 3 0 5 4 2 10 1 7 4 5 6 9 11
3 | 8 5 4 5 6 6 6 6 4 2 4 3 4 3 4 3 13 12 12 7 7 4 9 11
4 | 13 7 11 9 10 9 4 7 7 3 4 5 7 4 7 1 17 9 11 6 5 4 11 22
5 | 16 4 3 0 0 0 1 2 2 7 4 3 3 5 2 3 0 20 7 3 6 2 4 6
6 | 3 5 7 4 4 3 4 4 4 6 3 2 2 4 3 7 10 9 13 9 3 6 6 6
7 | 4 8 13 5 9 2 7 9 5 8 2 4 5 2 9 1 10 17 21 5 6 3 7 7
8 | 4 5 13 10 3 3 4 6 4 8 8 2 5 5 9 6 19 19 11 9 7 2 5 8
```

```
9 | 9 16 11 13 7 8 2 3 3 4 5 11 6 11 4 10 19 11 13 5 6 2 5 4
10 | 13 2 5 6 6 8 3 4 2 3 10 6 10 4 2 9 17 12 17 7 12 13 24 4
11 | 7 2 2 7 3 1 1 2 4 1 4 5 3 1 8 9 11 24 6 5 8 4 6 1
12 | 0 2 5 10 8 8 9 6 5 1 2 3 2 10 0 0 8 3 9 10 8 11 7 8
13 | 9 3 13 7 3 5 5 4 4 6 5 4 3 3 3 3 5 16 15 8 9 2 7 7
14 | 17 19 8 5 6 4 4 4 7 2 1 2 2 11 5 6 11 3 1 4 4 5 6 5
15 | 3 0 0 4 9 6 2 5 3 1 4 8 3 1 2 12 12 11 12 6 8 3 7 8
16 | 4 4 7 7 7 6 5 2 6 7 8 2 3 5 3 6 12 15 15 7 5 0 1 1
17 | 0 1 0 0 4 4 6 4 4 5 4 2 5 5 13 9 13 7 6 9 3 9 5 2
18 | 3 3 0 2 5 14 5 3 6 2 4 6 4 4 3 4 5 6 10 8 6 6 10 10
19 | 8 9 6 3 12 14 3 3 11 8 3 2 6 5 6 5 14 8 14 10 10 1 0 0
20 | 1 2 1 0 1 0 0 0 1 0 0 1 2 3 0 0 2 13 15 9 5 3 4 7
21 | 4 10 8 6 5 4 1 3 4 3 3 1 7 3 7 2 14 12 14 7 3 6 5 9
22 | 2 0 12 2 6 3 9 6 8 1 3 2 4 4 3 1 5 2 5 6 8 8 2 4
23 | 8 3 6 6 7 8 1 11 7 5 12 4 4 6 3 4 22 22 12 20 10 6 6 12
24 | 3 2 7 5 0 3 8 3 6 2 10 9 3 3 7 8 14 7 2 5 1 0 1 0
25 | 2 3 5 4 4 5 3 6 1 2 6 7 7 0 2 0 11 5 4 3 5 6 0 1
26 | 2 10 7 15 9 14 6 4 7 7 1 5 2 3 0 1 12 13 20 8 0 1 6 9
27 | 8 5 10 7 4 3 3 3 8 5 5 4 5 4 8 10 7 20 17 9 3 6 9 11
28 | 7 4 10 2 7 3 5 1 6 3 0 6 3 6 3 10 13 16 12 10 8 14 6 15
29 | 13 12 17 7 4 1 1 0 5 3 4 6 5 5 8 12 26 16 6 12 7 3 13 14
----+------------------------------------------------------------------------
2000| 0h 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23
Mar| UT
```

Signal duration distribution for the above period

Duration (s)	Number
< 0.1	1335
0.1 to 0.3	1016
0.3 to 1	845
1 to 3	700
3 to 10	285
10 to 30	10
> 30	0

R.B. Minton

Observer: Sadao Okamoto
Location: Damine Meteor Observatory, Japan (137.53 E, 35.07 N)
Transmitter: HAM beacon (JA9YDB) for RMO (50 W CW, 53.7500 MHz) by
JA9BOH Kimio Maegawa. No modulation except for identification.
Antenna: 2 element Cross Yagi 4 dBi aiming to Zenith. Omni-directional
in azimuth and elevation above 15 deg elevation.
Location: Fukui-NCT at Sabae city (136.2 E, 35.9 N)
At present time about 10 observers are listing for
Kimio Maegawa's 53.75 MHz beacon.
Receiver: IC575
Antenna: 2 element Yagi, pointed to the zenith.
Observing method: FFTDSP software, manual count.

Hourly echoes over 10 dB SNR
2000
Apr|00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23LT
Apr|15 16 17 18 19 20 21 22 23 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14UT
---+--
1 |37 39 38 45 44 35 37 27 n n n n n n n n n n n n n n e e
2 |26 29 40 38 36 25 29 24@23 n --@16 10@12 n 9 3 5 7 13 21 24 28 35
3 | n 25 32 38 36 27 42@32 -- 26 23 n n n n n n 2 6 e 13 28 17 22
4 |40 29 47 37 35 45 34 55 n 14 n 7 8 7 7 8 3 6 6 13 9 e e e
5 |20 38 34 33 30 44 44 44@33 33 24 26 19 17 17 21 10 5 10 13 9 22 25 20
6 |28 29 35 47 36 25 14 n n n n n n n n n n n n 7 7 30 28 29
7 @33 25 48 42 46 36 35 63@36 26 23@32 n@10 3 6 4 8 6 9 15 28 22 32
8 |28 37 38 39 40 47 55 38@18 n n n n n n n n n n 5 11 e e e
9 | e 51 40 45 35 31 45 41@36 27 23 16 13 18 8 8 5 3 2 10 18 22 17 23
10 |27 30 28 37 40 32 36 31@30 38 23 24 24 24@20 11 11 6 7 9 17 27 34 e
11 | e 35 25 27 37 n n n n n n n n n n n n n n 1 12 21 16 24
12 |41 42 37 35 56 44 59 34@25 n n 11 @8 n n n n n 8 7 14 21 e e
13 | e e 30 39 29 41 58 55@33 n n n n n n n n n 4 2 13@21@26 14
14 | e e@51 42 52 49 47 36@34 27 25 13 20 10 11 12 6 7 6 7 10 15 18 19
15 |30@30 38 30 36 35 41 47@32 28 17 27 24 19 7 7 -- 14 7 9 14 24 e e
16 | e e 36 49 27 47 43 46@45 32 n 16@13 n n n n n n 5 9 18 41 31
17 |38 27 34 32 32 45 45 24 n n n n n n n n n 3 4 15 14 32 45 37
18 | e@45 38 38 51 41 38 24 n n n n n n n n 9 5 17 10 14@18 e e
19 | e e e 34 29 37 52 49@36 25 17 8 7 16 6 12 7 7 10 9 19 24 19 22
20 |22 37 42 30 24 42 58 49@54 45 22 29 26 26 7 5 1 6 2 6 19 23 37 41
21 |38 43 40 31 39 56 44 43@48 31 22 14 19@27 n @6 n n e 8 17 34@40 n
22 | e 45 60 32 60 65 56 n n 27@13@12 14 12 n n 3 4 8 9 10 17 22 19
23 |25@31 29 40 42 50 35 39@10 18 7 n n n n n n n n 6 4 14 e e
24 | n 21 41@25 35 42 30 26@19 17 n @8 12 17 20 15 8 7 13 12 12 19 29 23
25 |26 33 34@39@33@35@42 25@33 n n n n n n n n n n 7 22 n n n
26 | e@26 44 38 33 32 46 44@47 36 30 23 32 23 14 16 11 n 4 8 13@10 e e
27 | e e 30 28 34 31 50 47@30 26 19 15 8 12@17 n 9 7 7 7 11 16 23 29
28 @19 31@36@42 34 48@39@21@14 17 n n n n n n e e 3 12 11 19 35 22
29 |20 45 19 21 18 32 39 24 n n n n n n@18 n @7 1 7 3 20 25 34 34
30 |33 36 37 34@38@38 37 50 20 17 n 10 18 n n n e e 4 8 11 27 34 25
---+--
Apr|15 16 17 18 19 20 21 22 23 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14UT
Apr|00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23LT
2000

Echoes with duration > 5 s
2000
Apr|00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23LT
Apr|15 16 17 18 19 20 21 22 23 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14UT
--+---
1 | 1 2 1 4 3 2 1
2 | 1 3 4 2 2 4 3 2 1 1
3 | 2 2 2 2 4 1 2 1
4 | 1 2 1 1 1
5 | 2 1 1 3 2 1 2 1 1 1
6 | 2 3 5 2

```
7 | 1 1 1 1 3 2 3 2 1 1 1
8 | 2 2 5 3 2 1
9 | 4 1 3 1 1 3 2 1 2 1 1 2 1
10 | 2 2 2 2 1 1 3 1 1 1 1
11 | 2 1 3
12 | 2 1 1 1 1 1 4 1
13 | 1 6 5 1 1
14 | 4 2 4 3 2 1 6 1 2 2 1 1
15 | 1 2 1 4 4 4 1 6 1
16 | 1 1 5 2 4 1 3 1 1
17 | 1 8 3 1 1
18 | 1 2 3 2 2 1 2
19 | 3 4 3 3 2 1 1 1 1
20 | 1 2 1 1 2 1 2 3 2 3 2
21 | 3 3 1 8 3 3 2 1 1 1 1
22 | 6 5 2 9 11 10 3 1 1 1
23 | 2 2 3 8 5 10 9 3 1
24 | 1 5 5 4 4 3 1 1
25 | 1 1 1 1 1 1 2 4
26 | 4 1 2 1 3 1 5 2 3 2 3 2
27 | 1 3 7 3 1 2
28 | 1 6 2 5 1 1 4 1 1 1 1
29 | 1 1 2 2 3 2 1
30 | 3 2 2 1 5 1 1 1 1
---+-------------------------------------------------------------------------
Apr|15 16 17 18 19 20 21 22 23 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14UT
Apr|00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23LT
2000

Daily rate of long echoes (duration > 20 s)

2000
Apr 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
-----------------------------------------------------------------
Count 0 1 2 0 1 1 1 2 1 1 0 2 2 5 1 0

Apr 17 18 19 20 21 22 23 24 25 26 27 28 29 30
-------------------------------------------------------------
Count 1 0 1 0 4 10 12 1 2 4 5 4 1 1

Notes:
-: lost counts because of high noise level or machine failure.
@: hourly rate estimated by effective observation time less than 60 min.
n: contamination due to radio noise or interference.
e: contamination due to sporadic E opening.
f: no data available due to TX or RX failure.
LT = local time = JST = UT + 9 hours

Sadao Okamoto

-------------------------------------------------------------------------
Observer: Ton Schoenmaker
```

Location: Roden, Netherlands (06 26' E, 53 08' N)
Frequency: 55.275 MHz
Transmitter: Spanish TV channel E3 (video); transmitters in La Muela (30 kW),
Gamoniteiro (50 kW) and Aitana (60 kW); all stations within
100 Hz of nominal frequency; distance 1650 km
Antenna: 4-element horizontal Yagi, geographical azimuth 195 degrees (SSW),
elevation 15 degrees
Receiver: Yupiteru MVT-9000 in FM mode; sensitivity 0.5 uV at 12 dB S/N
Observing: audio signal from ear-phone socket was rectified, digitized
and fed into a PC via the parallel computer port. HP VEE was used
to process the digitized signal and to store 15-minutes counts of
reflections stronger than 0.06uV.

Sporadics in January - April 2000

Uncorrected hourly counts for signals stronger than 0.06 uV

| 29 30 31 1 4 5 6 19 20 26 27 19 20 7 8 9 21 22
UT |Jan Jan Jan Feb Feb Feb Feb Feb Feb Feb Feb Mar Mar Apr Apr Apr Apr Apr
----+---
00h| - 73 100 86 - 52 43 - 99 - 96 - 93 - 102 86 - 132
01 | - 108 111 94 - 71 58 - 126 - 141 - 71 - 134 133 - 125
02 | - 146 140 113 - 92 91 - 161 - 170 - 74 - 158 119 - 139
03 | - 184 138 125 - 118 93 - 187 - 218 - 113 - 147 152 - 110
04 | - 166 199 134 - 129 128 - 198 - 230 - 105 - 165 173 - 171
05 | - 155 113 137 - 90 124 - 170 - 158 - 88 - 144 168 - 125
06 | - 115 130 137 - 85 76 - 139 - 176 - 71 - 179 178 - 176
07 | - 125 97 169 - 94 91 - 128 - 145 - 94 - 119 187 - 144
08 | - 130 120 311 - 84 121 - 114 - 169 - 141 - 155 259 - 111
09 | - 133 130 139 - 78 115 - 180 - 166 - 157 - 157 220 - -
10 | - 113 96 112 - 76 118 - 147 - - - 172 - 193 180 - -
11 | - 110 100 128 - 79 86 - 141 - - - 122 - 160 127 - -
12 | - 67 94 119 - 73 76 - 115 - - 96 137 - 151 156 - -
13 | - 64 58 85 - 50 76 - 122 - 82 99 116 - 153 148 - -
14 | - - 53 79 - 44 48 - 74 105 90 63 75 - 145 160 - -
15 | - - 33 84 - 31 69 - 60 73 88 62 114 - 109 102 - -
16 | - 41 58 65 - 45 69 35 58 50 54 44 66 - 58 70 - -
17 | - 19 39 87 - 27 50 51 22 64 44 29 98 - 49 60 20 -
18 | - 23 27 41 - 55 17 41 - - - 30 29 - 51 36 16 -
19 | - 19 - 54 - - 27 53 - - - 27 100 - 37 36 28 -
20 | - 54 - - - - 31 62 - 49 - 45 - 42 61 - 28 -
21 | - 63 - - - 31 - 67 - 74 - 108 - 66 50 - 43 -
22 | 63 84 63 - 32 49 - 85 - 86 - 70 - 76 77 - 66 -
23 | 62 98 40 - 53 41 - 103 - 116 - 47 - 92 87 - 99 -
----+---
| 29 30 31 01 04 05 06 19 20 26 27 19 20 07 08 09 21 22
UT |Jan Jan Jan Feb Feb Feb Feb Feb Feb Feb Feb Mar Mar Apr Apr Apr Apr Apr

Ton Schoenmaker

Observer: Pierre Terrier

Location: Canet, France (3 36'E, 43 41' N)
Frequencies: 93.8 MHz
Transmitter Location:
93.8 France Musique Eyne (66) public service
93.8 France Musique Osseja (66) public service
93.8 France Culture Port Vendres (66) public service
93.8 France Musique Font-Romeu (66) public service
93.8 BFM Marseille (13)
Antenna: 6-element Yagi FM, horizontal polar.
azimuth 0 deg (N-S), elevation 90 deg. (zenith)
Pre-amplifier: home made, gain 15 dB, Nf < 2 dB
Receiver: Tuner FM Continental Edison digital synthesiser TU 9945
Observing method: Electronic interface on LINE output audio signal are fed in
COM1: of PC IBM 386 25 MHz.
METEOR v 4.0 test version processes the signal and records on
hard disk the time of the events.
METEOR parameters: THRESHOLD = 16

| Apr 2000
UT | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
---+---
0h| 16 12 17 11 4 7 5 1 4 17 15 6 5 9 14
1 | 19 10 24 16 4 4 6 6 7 17 11 6 5 3 6
2 | 11 13 10 13 4 3 2 7 7 15 18 11 10 1 7
3 | 11 9 7 5 6 7 5 1 7 19 23 12 10 11 9
4 | 18 14 11 6 6 7 2 8 6 15 21 13 9 7 13
5 | 23 7 14 12 13 7 4 7 6 9 17 7 11 8 4
6 | 19 8 17 17 10 15 6 8 12 12 17 10 10 12 9
7 | 20 9 20 11 30 13 6 37 10 11 19 6 16 10 18
8 | 30 22 17 8 26 18 5 9 8 21 11 10 16 12 20
9 | 31 11 8 11 10 12 15 1 21 13 10 17 15 9 14
10 | 32 13 10 20 6 11 16 10 9 19 16 8 14 5 13
11 | 20 9 13 9 9 18 17 6 7 13 9 10 12 7 12
12 | 9 7 14 12 12 7 10 2 12 12 8 9 11 7 10
13 | 12 5 18 4 6 7 10 1 9 8 16 9 13 7 13
14 | 14 8 12 2 4 4 8 3 11 8 12 10 10 11 2
15 | 1 8 48 19 5 1 10 3 3 6 4 7 10 6 5
16 | 5 4 4 5 1 5 1 5 4 2 4 6 7 3 2
17 | 8 8 4 4 1 5 3 4 3 1 2 1 0 2 5
18 | 8 6 3 2 5 21 3 3 5 2 3 2 3 0 2
19 | 10 3 8 6 4 1 4 2 1 5 4 3 3 5 1
20 | 10 5 4 6 1 1 2 2 3 8 10 3 6 2 0
21 | 7 15 16 1 2 3 3 3 18 4 10 3 7 4 2
22 | 6 9 11 1 1 2 5 1 10 14 6 6 9 7 4
23 | 7 13 13 2 3 5 5 2 11 4 9 5 6 5 0
---+---
UT | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
| Apr 2000

| Apr 2000
UT | 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

```
---+-------------------------------------------------------------------------
0 | 5 7 7 9 8 7 9 8 15 9 7 2 6 9 4
1 | 6 15 11 6 2 11 7 3 13 8 6 5 11 6 6
2 | 2 13 16 6 3 9 4 8 23 4 14 2 8 8 9
3 | 4 17 13 8 5 17 5 8 17 4 2 0 10 10 18
4 | 3 25 15 6 2 12 3 19 17 20 8 3 12 9 10
5 | 7 14 13 11 4 10 4 13 18 5 11 9 16 17 14
6 | 9 20 11 18 3 7 11 22 13 9 16 18 21 15 14
7 | 11 22 15 20 10 6 12 17 25 7 9 8 17 17 16
8 | 2 23 19 19 13 7 14 9 18 13 12 15 12 13 16
9 | 7 19 10 8 18 6 11 16 20 12 12 13 21 13 21
10 | 9 28 12 20 15 19 5 9 16 12 8 10 17 15 9
11 | 11 21 22 13 11 13 12 7 12 13 5 10 14 10 6
12 | 4 18 22 9 9 5 7 10 14 20 7 11 14 11 7
13 | 3 13 42 9 5 9 3 12 10 10 6 6 11 16 6
14 | 2 10 9 7 10 4 4 7 8 6 5 3 14 5 10
15 | 5 6 6 7 10 4 1 2 8 9 3 5 8 7 7
16 | 3 2 6 8 6 24 3 3 2 2 3 3 7 1 6
17 | 8 5 4 2 2 11 0 2 3 2 2 6 10 1 13
18 | 3 1 3 3 3 6 0 4 4 2 2 7 1 1 12
19 | 7 4 5 5 3 1 2 3 14 1 0 4 7 3 18
20 | 6 4 4 3 4 3 8 14 3 2 4 5 9 5 15
21 | 6 2 4 4 3 6 4 14 9 8 1 4 6 1 27
22 | 10 8 9 3 6 2 5 12 16 5 3 9 5 3 23
23 | 5 12 8 7 4 9 7 14 9 7 3 4 5 5 13
---+-------------------------------------------------------------------------
UT | 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
| Apr 2000
```

Pierre Terrier

Observer: Garfield Tsao (BM2EQB)
Location: LonTan Observatory
LonTan, TauYan, Taiwan R.O.C. (121 14'37" E, 24 52'54" N by GPS)
Frequency: 50.0169 MHz USB mode 3 kHz width.
Antenna: Comet made 50 MHz Yagi HB 4 element (gain 10.3 dBi)
astronomical azimuth 225 deg (=NE), elevation 7 deg.
Transmitter: MIYAZAKI University Japan, USB mode, 50 W (24 hours),
distance about 1125 km from Lon Tan.
Receiver: Icon PCR-1000 computer controlled all band receiver
Sensitivity: 0.25 uV for 10 dB S/N for USB mode
Observing method: the beacon 880 Hz voice signal (by FFTDSP) is
received by a low frequency filter (880 Hz)and fed into
the D/A converter and computer in real time.
Data sampling system: using an 8 bits A/D card to PC/AT and Qbasic program
with 1/8 second sampling interval to store the> 1.0 s reflections.

April 2000: Lyrids

```
2000|00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23LT
Apr|16 17 18 19 20 21 22 23 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15UT
----+-----------------------------------------------------------------------
21 | - - - - - - - - - - - - - - - - - - - - - - - - E
22 |27 43 48 64 50 56 71101 91 60 58 44 28 35 33 36 19 24 29 38 43 53 62 E
23 |50 49 69 61 66 80 91 84 81 54 53 50 29 25 - - - - - - - - - -
```

Notes:
. "E" symbol means weak E layer
. "N" symbol means background noise affected the normal echoes

Garfield Tsao

Observer: Ilkka Yrjola
Location: Finland (26 35' E, 60 54' N)
Frequency: 88.8 MHz ?
Receiver: Salora SRP-22 modified, narrow band FM (B=15 kHz)?
detected signal level >-122 dBm.
FM detection, no pulse noise rejection required.
Antenna: 2-el. Yagi, G=4 dBd to SW, azimuth 45 deg (SW), polarisation H.
Data sampling system: threshold triggering, sampling rate 32 ms.
Computer logs total hourly elapsed reflection time, number of
triggers for the hour, the longest time the signal was
continuously above detection level for the hour.
Data on major showers available in the Compact MS-Soft format.
Software for viewing available from
www.saunalahti.fi/~oh5iy/radio50.zip (754 K).

Lyrids 2000

Meteor counts in one hour intervals starting at:

```
UT | 21 Apr 22 Apr 23 Apr 24 Apr
----+---------------------------------
0h | 177 403 189 128
1 | 211 298 230 172
2 | 201 375 220 172
3 | 218 341 241 179
4 | 231 398 274 129
5 | 304 453 274 230
6 | 308 458 247 304
7 | 426 475 257 348
8 | 338 478 290 315
9 | 300 379 270 306
10 | 290 454 258 267
11 | 259 231 192 236
12 | 204 244 231
13 | 204 179 146
14 | 148 129 75
15 | 128 131 80 90
16 | 127 111 76 122
17 | 230 104 80 125
```

```
18 | 273 120 38 192
19 | 185 115 48 153
20 | 209 116 64 211
21 | 307 159 121 151
22 | 349 164 143 158
23 | 508 184 144 143
----+---------------------------------
UT | 21 Apr 22 Apr 23 Apr 24 Apr
```

Note: Aurora on April 24, 12h-15h UT

Ilkka Yrjola

2. ABOUT THE RMOB

The RMOB is an independent initiative of some workers in the field of radio meteor scatter observations and data reduction. It started in August 1993 in order to spread rapidly the Perseid results via E-mail. Since then, it has appeared monthly, and it has gradually been expanded. In regularly publishing summaries of observations, potential radio observers are kept up to date of existing installations, possibilities and limitations of radio meteor observations. In the long run, there should be sufficient observing stations to cover the whole globe, allowing to detect stream outbursts which may remain unnoticed visually.

RMOB contains typically: summaries of recent observations, equipment data, first results of stream activity by radio methods, relations between radio and optical meteors, references to other publications in the field of meteor astronomy and radio scatter techniques, announcements of meetings, short questions and answers, non-commercial (second hand) sale of radio equipment, available software.

Contributors are mentioned, and interested persons are asked to contact them directly.

RMOB can be copied freely in unabridged and unmodified form. Extracts should indicate the source (Radio Meteor Obs Bulletin, month and year).

If you want to subscribe (or un-subscribe) to the E-mail distribution list, please send a message to C. Steyaert.
Those not having access to E-mail can obtain a printed copy free of charge from J. Van Wassenhove (current or back-issues).

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--
Christian Steyaert (RMOB0004) 8 May 2000
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1206. Re: Intellegent Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-05-08 00:00:00 UTC
From: "radiosigs@mindspring.com" <radiosigs@mindspring.com>
Message-ID: <8f7ije$k0m$1@slb6.atl.mindspring.net>
Source record: 9540
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc

Anyone who spells "intelligent, intellegent," ISN'T!

In article <39172915.DA04DDAC@ahole.com>, General Mark Morgan
<one.big.asshole@ahole.com> wrote:

> Oh my.....
>
> Steve wrote:
>>
>> On Mon, 08 May 2000 16:46:26 GMT, General Mark Morgan
>> <one.big.asshole@ahole.com> wrote:
>>
>> >You might wanta to check, mine was 1966 and was good for one year
>> >non renewable...
>>
>> My Novice license is from 1973 (FCC form 660 - July 1972) and looking
>> right at it here it says 'Effective Date 04-07-73' , 'Expiration Date
>> 04-07-75.' There's also an outlined box in the upper right hand corner
>> that says 'Not Transferable.' There's no mention on my license about
>> it not being renewable but I don't think ?? it was.
>>
>> >
>> >Who Did you Expect? wrote:
>> >>
>> >> SNIP
>> >> >And I'm 47, no spring chicken either. Had a novice ticket back in '71,
but
>> >> >as you know, they were only good for a year back then, and an
all-expenses
>> >> >paid trip overseas courtesy of good 'ol Unk Sam got in the way of my
>> >> >upgrading. (Ever tried to send CW with an M-16? And I sure didn't want
a
>> >> >QSL from the guys on the receiving end!!) So here I am 29 years later,
>> >> >getting back in. But calander age has nothing to do with it, it's your
>> >> >mental age. And if your mental attitudes are set in stone, then your
>> >> >thinking will be stone age. Some of the youngest guys I know are 20-30
>> >> >years older than me. And I also know a couple of 30 year old "Old Farts"
>> >> >
>> >> >Mark K5MAR
>> >> If your still have your orignal Novice license you might want to check the
>> >> length it was valid. Mine is from that ancient era and says 2 years non
>> >> renewable. Then they made it 5 years renewable and then 10 renewable.

>> >>
>> >> While I do not have much use for CW, it is fun to drag the QRP rig out
into
>> >> the woods every fall and see if I can still talk to the world on 2W.
>> >>

1207. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-05-08 00:00:00 UTC
From: vlfiscus@mcn.net
Message-ID: <shek53lu5uh119@corp.supernews.com>
Source record: 9541
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc

Yes, the ham population is dwindling now because they're not licensing hams anymore. They're licensing CBer's.

Mankind has been communicating with voice for thousands of years. We need to get back to communicating with newer modes like CW.

1208. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-05-08 00:00:00 UTC
From: Mathew Threadgill <mathewthreadgill@mindspring.com>
Message-ID: <39177742.3AD7E123@mindspring.com>
Source record: 9542
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc

What the hell is wrong with communicating via the spoken word. Yes humans have been doing it for thousands of years, but we kept this form of communication for a good reason, it is efficient. I mean if CW mode was the most efficient mode of communication we would walk around carrying keys with speakers attached to them.

Now don't get me wrong. CW has its usefulness but voice communications are much more simple. Their is no "translateing" voice communications, but you have to "translate" code. Anyway that is my two cents worth.

"Vincent Fiscus, KB7ADL" wrote:

> Yes, the ham population is dwindling now because they're not licensing hams
> anymore. They're licensing CBer's.
>
> Mankind has been communicating with voice for thousands of years. We need to
> get back to communicating with newer modes like CW.

1209. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-05-09 00:00:00 UTC
From: None@dontevntry.oro
Message-ID: <8f9f70oan2@news.uky.edu>
Source record: 9449
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc

In article <hNWR4.697$L32.3361@newsfeed.slurp.net>, markinokla@juno.com says...
>
>
>"Who Did you Expect?" <None@dontevntry.oro> wrote in message
>news:8f8ua0$l9i$1@news.uky.edu...
>> In article <39177742.3AD7E123@mindspring.com>,
>mathewthreadgill@mindspring.com
>> says...
>> Voice is a lot easier.
>> But there are situations where CW is much better.
>> I have a little 2 watt QRP 40/80MTR rig that I can "talk" much further on
>CW
>> then with voice or RTTY/ASCII/SSTV/FAX.
>> It is very simple.
>> And it is fun.
>> YMWV
>>
>Now that is a statement I can't argue with. If it's fun for you, something
>you enjoy, then go for it!! I intend to upgrade to General in the next
>year and will probably get up to at least 10wpm code speed as a point of
>pride. Already bought a Kenwood TS-440S/AT. The only problem I have with
>CW is when somebody tries to beat me over the head with it to display their
>superiorty.
>Mark
>
>
>
Well, because CW is so good, because it can be used in emergencies and all, lets make all hams learn symaphores, marine flags, and how to shoe horses. After all, in an the right emeregency all of those tidbits could be usefull. A special not for the satire impaired: This was a JOKE!

While I have been a ham for 30 years, I still marvel at the BS that claims CW keeps out the riffraft. Not that anyone has asked me, but I would much prefer to deal with a person who technical skills are a little dull, then a whiz that is a jerk. IT is easier to help someone learn then to help a jerk be nice.

Yea, sure.

1210. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-05-09 00:00:00 UTC
From: W6RCecilA <Cecil.A.Moore@IEEE.org>
Message-ID: <39184BE1.A43A708F@IEEE.org>
Source record: 9450
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc

"M. Schneider" wrote:
> The only problem I have with CW is when somebody tries to
> beat me over the head with it to display their superiorty.

When that happens, I fire up my SCS PTC2e at 60wpm CW in
keyboard mode. :-)

Incidentally, PACTOR II works as well as (or better than) CW
at QRP levels and nobody tries to "display their superiority".
--
73, Cecil, W6RCA http://www.mindspring.com/~w6rca

1211. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-05-09 00:00:00 UTC
From: None@dontevntry.oro
Message-ID: <8f9o3f$r6v$2@news.uky.edu>
Source record: 9451
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc

In article <39184BE1.A43A708F@IEEE.org>, Cecil.A.Moore@IEEE.org says...
>
>"M. Schneider" wrote:
>> The only problem I have with CW is when somebody tries to
>> beat me over the head with it to display their superiorty.
>
>When that happens, I fire up my SCS PTC2e at 60wpm CW in
>keyboard mode. :-)
>
>Incidentally, PACTOR II works as well as (or better than) CW
>at QRP levels and nobody tries to "display their superiority".
>--
>73, Cecil, W6RCA http://www.mindspring.com/~w6rca

PactorII may well work better, but with my QRP rig, all I need is it, an
antenna and 12V and I am in business, no PC/TNC/etc.
Not that I am opposed to PC/TNC/etc, it is just fun to do somehting simple
and fun. No reboots. No QRM[at least from my end]
Are there any programs to allow a modest [P233/MMX Creative/Ensoniq
PCI sound card] to run Pactor II?

1212. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-05-09 00:00:00 UTC
From: W6RCecilA <Cecil.A.Moore@IEEE.org>
Message-ID: <39186B5E.46CFBFB4@IEEE.org>
Source record: 9452
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc

Who Did you Expect? wrote:
> Are there any programs to allow a modest [P233/MMX Creative/Ensoniq
> PCI sound card] to run Pactor II?

Not yet and it's a proprietary mode. But it illustrates
what is possible.
--
73, Cecil, W6RCA http://www.mindspring.com/~w6rca

1213. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-05-09 00:00:00 UTC
From: jeffreyh@Hawaii.Edu
Message-ID: <8f9v40$903$1@news.hawaii.edu>
Source record: 9453
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc

<8f9f70oan2@news.uky.edu>Who Did you Expect? <None@dontevntry.oro> wrote:

>Well, because CW is so good, because it can be used in emergencies and all,
>lets make all hams learn symaphores, marine flags, and how to shoe horses.
>After all, in an the right emeregency all of those tidbits could be usefull.

Except that none of those "modes" are in use on the ham bands.
Just whom would you communicate with using "semaphores, marine flags,
and horse shoes" on the amateur frequencies? Yet CW rivals SSB as the
most popular HF mode.

>While I have been a ham for 30 years,

Really? What was your first call? I'd like to check my 1961 Call Book.

>I still marvel at the BS that claims CW keeps out the riffraft.

No one's claimed that CW keeps the riff-raff out -- just listening to
certain 20 and 80 meter frequencies shows that even the riff-raff can
learn code. But you won't hear any of the riff-raff on the low ends of
the HF bands. The *use* of CW is the filter. Can you name any ham who
has received a NAL from the FCC for an intentional rule violation while
operating CW?

73, Jeff KH6O

1214. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-05-09 00:00:00 UTC
From: Jeff Susanj <jeffrey.l.susanj@boeing.com>
Message-ID: <FuBCI4.21v@news.boeing.com>
Source record: 9454
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc

Amateur Radio is suffering from the same malady as the computer hobby. I have for a long time been a member of our company computer club and it is full of old guys now. Nearly everyone is retired and it is very hard to find people who can run for the top office (they must be active employees). Everyone thinks of radio and computers etc. as an appliance. It is something you turn on and use and don't tinker with. Many cell phone users use radio daily and never realize that they are. I became interested in SWL when I was young back in 1964 when it was a big deal to receive signals from far away places. Now I routinely converse with people all over the world on the news groups and think nothing of it. Until we can make the electronics hobbies look glamorus again we will not see a big influx of new members.

Jeff S.

M. Schneider wrote in message ...
>
>"Glen Quarnstrom" <glenq@cyberhighway.net> wrote in message
>news:qo69hskqccdm1f3qp7cn7fj95od3auhv4m@4ax.com...
>> ac6v <ac6v@ix.netcom.com> wrote:
><snip>
>> We're not getting nearly enough new blood to keep the
>> hobby vital.
>> --
>> glenq@cyberhighway.net
>> WB7DOW
>

1215. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-05-09 00:00:00 UTC
From: ac6v <ac6v@ix.netcom.com>
Message-ID: <39189EF4.2B80DFD3@ix.netcom.com>
Source record: 9455
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc

```
>
> >"Glen Quarnstrom" <glenq@cyberhighway.net> wrote in message
> >news:qo69hskqccdm1f3qp7cn7fj95od3auhv4m@4ax.com...
> >> ac6v <ac6v@ix.netcom.com> wrote:
> ><snip>
> >> We're not getting nearly enough new blood to keep the
> >> hobby vital.
> >> --
> >> glenq@cyberhighway.net
> >> WB7DOW

===============
Absolutely amazing what my original post has come down to. I never sed " ac6v
<ac6v@ix.netcom.com> wrote:
><snip>
>> We're not getting nearly enough new blood to keep the
>> hobby vital."
========================
What I did say originally is:
====================
Huh -- as of April 2000 there are 678,539 US Hams
(http://www.speroni.com/FCC/Licenses.html)
In 1992 there were 524,782 US Hams (RAC CALLBOOK)

Hardly dwindling fast

The current US population is 274,745,387 (http://www.census.gov/)
The US population in 1992 was 254,994,517
(http://www.census.gov/statab/freq/99s0002.txt)

Would you care to do some math about growth rates?

--
73 from Rod in Oceanside, Ca
=========================================================
AC6V INDEX TO DX AND HAM RADIO
FEATURING 100+ PAGES, 700 INDEXED TOPICS, AND 3000 LINKS
Over 580,000 Visits On The Counter
http://www.ac6v.com - General Ham Pages
http://www.ac6v.com/pagedx.html - DX Reference Pages
```

1216. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-05-09 00:00:00 UTC
From: Glen Quarnstrom <glenq@cyberhighway.net>
Message-ID: <ftehhs8l70ehbqf71gg693nslrq9il2ps9@4ax.com>
Source record: 9456
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc

ac6v <ac6v@ix.netcom.com> wrote:

>> >"Glen Quarnstrom" <glenq@cyberhighway.net> wrote in message
>> >news:qo69hskqccdm1f3qp7cn7fj95od3auhv4m@4ax.com...
>> >> ac6v <ac6v@ix.netcom.com> wrote:
>> ><snip>
>> >> We're not getting nearly enough new blood to keep the
>> >> hobby vital.
>> >> --
>> >> glenq@cyberhighway.net
>> >> WB7DOW
>
>===============
>Absolutely amazing what my original post has come down to. I never sed " ac6v
><ac6v@ix.netcom.com> wrote:
>><snip>
>>> We're not getting nearly enough new blood to keep the
>>> hobby vital."

Correct. That's what I said.

>========================
>What I did say originally is:
>====================
> Huh -- as of April 2000 there are 678,539 US Hams
> (http://www.speroni.com/FCC/Licenses.html)
> In 1992 there were 524,782 US Hams (RAC CALLBOOK)
>
> Hardly dwindling fast
>
> The current US population is 274,745,387 (http://www.census.gov/)
> The US population in 1992 was 254,994,517
> (http://www.census.gov/statab/freq/99s0002.txt)
>
> Would you care to do some math about growth rates?

Go back and read the thread. I already addressed that misleading stat.
--
glenq@cyberhighway.net
WB7DOW

http://www.cyberhighway.net/~glenq/

1217. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-05-09 00:00:00 UTC
From: "M. Schneider" <markinokla@juno.com>
Message-ID: <wiNR4.341$L32.1406@newsfeed.slurp.net>
Source record: 9543
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc

Nah, it's long gone. All I remember is that it was expired when I got back. The FCC office didn't give a S--T that I'd been in no position to do anything about upgrading and the person on the phone made a snotty comment about govt. killers not getting any special treatment. I suggested that with an attitude like his he needed to be careful what he said to "govt killers" and hung up. A couple of days later I got a visit from an FBI agent concerning "threats" I'd made to a govt. employee. He was a much more reasonable person, and after listening to my story, told me not to worry about it, SHOOK MY HAND! and said thank you, and left. (If it sounds like that meant alot to me, it did!) But I figured it would be a good idea if I avoided the FCC for awhile. No matter, I'll get my upgrade now on my own merits.
Mark

> If your still have your orignal Novice license you might want to check the
> length it was valid. Mine is from that ancient era and says 2 years non
> renewable. Then they made it 5 years renewable and then 10 renewable.
>

1218. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-05-09 00:00:00 UTC
From: None@dontevntry.oro
Message-ID: <8f8ua0$l9i$1@news.uky.edu>
Source record: 9544
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc

In article <39177742.3AD7E123@mindspring.com>, mathewthreadgill@mindspring.com says...
>
>What the hell is wrong with communicating via the spoken word. Yes humans have
>been doing it for thousands of years, but we kept this form of communication
>for a good reason, it is efficient. I mean if CW mode was the most efficient
>mode of communication we would walk around carrying keys with speakers attached
>to them.
>
>Now don't get me wrong. CW has its usefulness but voice communications are
>much more simple. Their is no "translateing" voice communications, but you
>have to "translate" code. Anyway that is my two cents worth.
>
Voice is a lot easier.
But there are situations where CW is much better.
I have a little 2 watt QRP 40/80MTR rig that I can "talk" much further on CW then with voice or RTTY/ASCII/SSTV/FAX.
It is very simple.
And it is fun.
YMWV

1219. Re: Intellegent Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-05-09 00:00:00 UTC
From: General Mark Morgan <one.big.asshole@ahole.com>
Message-ID: <39182817.FF6109D9@ahole.com>
Source record: 9545
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc

That's what I was trying to prove. Do you believe that it passed my
spell checker?

"radiosigs@mindspring.com" wrote:
>
> Anyone who spells "intelligent, intellegent," ISN'T!
>
> ----------
> In article <39172915.DA04DDAC@ahole.com>, General Mark Morgan
> <one.big.asshole@ahole.com> wrote:
>
> > Oh my.......
> >
> > Steve wrote:
> >>
> >> On Mon, 08 May 2000 16:46:26 GMT, General Mark Morgan
> >> <one.big.asshole@ahole.com> wrote:
> >>
> >> >You might wanta to check, mine was 1966 and was good for one year
> >> >non renewable...
> >>
> >> My Novice license is from 1973 (FCC form 660 - July 1972) and looking
> >> right at it here it says 'Effective Date 04-07-73' , 'Expiration Date
> >> 04-07-75.' There's also an outlined box in the upper right hand corner
> >> that says 'Not Transferable.' There's no mention on my license about
> >> it not being renewable but I don't think ?? it was.
> >>
> >> >
> >> >Who Did you Expect? wrote:
> >> >>
> >> >> SNIP
> >> >> >And I'm 47, no spring chicken either. Had a novice ticket back in '71,
> but
> >> >> >as you know, they were only good for a year back then, and an
> all-expenses
> >> >> >paid trip overseas courtesy of good 'ol Unk Sam got in the way of my
> >> >> >upgrading. (Ever tried to send CW with an M-16? And I sure didn't want
> a
> >> >> >QSL from the guys on the receiving end!!) So here I am 29 years later,
> >> >> >getting back in. But calander age has nothing to do with it, it's your
> >> >> >mental age. And if your mental attitudes are set in stone, then your
> >> >> >thinking will be stone age. Some of the youngest guys I know are 20-30
> >> >> >years older than me. And I also know a couple of 30 year old "Old Farts"

> >> >> >
> >> >> >Mark K5MAR
> >> >> If your still have your orignal Novice license you might want to check the
> >> >> length it was valid. Mine is from that ancient era and says 2 years non
> >> >> renewable. Then they made it 5 years renewable and then 10 renewable.
> >> >>
> >> >> While I do not have much use for CW, it is fun to drag the QRP rig out
> into
> >> >> the woods every fall and see if I can still talk to the world on 2W.
> >> >>

1220. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-05-09 00:00:00 UTC
From: General Mark Morgan <one.big.asshole@ahole.com>
Message-ID: <39182CD9.32EB27F1@ahole.com>
Source record: 9546
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc

I guess my novice license was from a 'really' ancient era (1966),
one year non-renewable.

"M. Schneider" wrote:
>
> Nah, it's long gone. All I remember is that it was expired when I got back.
> The FCC office didn't give a S--T that I'd been in no position to do
> anything about upgrading and the person on the phone made a snotty comment
> about govt. killers not getting any special treatment. I suggested that
> with an attitude like his he needed to be careful what he said to "govt
> killers" and hung up. A couple of days later I got a visit from an FBI
> agent concerning "threats" I'd made to a govt. employee. He was a much more
> reasonable person, and after listening to my story, told me not to worry
> about it, SHOOK MY HAND! and said thank you, and left. (If it sounds like
> that meant alot to me, it did!) But I figured it would be a good idea if I
> avoided the FCC for awhile. No matter, I'll get my upgrade now on my own
> merits.
> Mark
>
> > If your still have your orignal Novice license you might want to check the
> > length it was valid. Mine is from that ancient era and says 2 years non
> > renewable. Then they made it 5 years renewable and then 10 renewable.
> >

1221. New Resource For Investors

Newsgroup: rec.radio.amateur.space
Date: 2000-05-09 00:00:00 UTC
From: meir@investmove.COM
Message-ID: <W6C623UA.IH527ZP6@investmove.com>
Source record: 9547

Hi,

I would like to introduce our new site and kindly request
that you add InvestMove.com <http://www.investmove.com>
to your Links/Resources page (or please forward this message
to the person who is responsible for maintaining your Web
site). This will provide your visitors with a very useful
and information packed resource. InvestMove.com allows
investors and analysts free access to vital stock market
information.

In recognition of its usefulness, InvestMove.com has been
awarded recently with the prestigious USA Today Hot Site award.

InvestMove.com features a unique tool that allows visitors to
enter a company symbol into a search form and obtain a customized
page covering more than 30 major information categories about
that specific company. The information includes: stock quotes,
stock performance, earnings estimates, stock valuation, company
performance, analyst opinions, broker reports, company profile,
and much much more.

Another feature of the site is an investor resources directory
that includes links to the best investment sites on the web.

Linking to InvestMove.com helps you to add value to your website
by presenting your visitors with a useful free investor resource.
Your visitors will find here all the tools and information needed
to make educated investment decisions, and it's all completely free.

In addition, links to relevant and popular sites are known to
increase a Web site's "popularity ranking" in some major search
engines. In other words, linking to http://www.investmove.com may
actually help increase your Web site's rank in certain search engines
that record this external link.

Thank you in advance

Meir Liraz,
InvestMove.Com

1222. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-05-09 00:00:00 UTC
From: "M. Schneider" <markinokla@juno.com>
Message-ID: <hNWR4.697$L32.3361@newsfeed.slurp.net>
Source record: 9548
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc

"Who Did you Expect?" <None@dontevntry.oro> wrote in message
news:8f8ua0$l9i$1@news.uky.edu...
> In article <39177742.3AD7E123@mindspring.com>,
mathewthreadgill@mindspring.com
> says...
> Voice is a lot easier.
> But there are situations where CW is much better.
> I have a little 2 watt QRP 40/80MTR rig that I can "talk" much further on
CW
> then with voice or RTTY/ASCII/SSTV/FAX.
> It is very simple.
> And it is fun.
> YMWV
>
Now that is a statement I can't argue with. If it's fun for you, something
you enjoy, then go for it!! I intend to upgrade to General in the next
year and will probably get up to at least 10wpm code speed as a point of
pride. Already bought a Kenwood TS-440S/AT. The only problem I have with
CW is when somebody tries to beat me over the head with it to display their
superiorty.
Mark

1223. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-05-10 00:00:00 UTC
From: Kim W5TIT <kw5tit@hotmail.com>
Message-ID: <583EFBC684EA35D3.A927C4C9E7EA8680.C2A0327243F693BE@lp.airnews.net>
Source record: 9457
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc

Jeff Susanj <jeffrey.l.susanj@boeing.com> wrote in article
<FuBCI4.21v@news.boeing.com>...
> Amateur Radio is suffering from the same malady as the computer hobby. I
> have for a long time been a member of our company computer club and it is
> full of old guys now. Nearly everyone is retired and it is very hard to
> find people who can run for the top office (they must be active employees).
> Everyone thinks of radio and computers etc. as an appliance. It is
> something you turn on and use and don't tinker with. Many cell phone users
> use radio daily and never realize that they are. I became interested in SWL
> when I was young back in 1964 when it was a big deal to receive signals from
> far away places. Now I routinely converse with people all over the world on
> the news groups and think nothing of it. Until we can make the electronics
> hobbies look glamorus again we will not see a big influx of new members.
>
> Jeff S.
>

Wow! That's an interesting observation and you sure did get me to thinking on whole different level. Computers and radios, and things like them, used to be "gizmos" that were new, interesting and fun to play with. They have now become utilitarian devices and the uniqueness, newness, and fascination with them has now become mundane.

That's an even harder battle to come out of, as well, in terms of keeping/getting people interested in hobbies like this. So much the more for demonstrations of what *can* be done with amateur radio. I hate to use the word, but we need to "exploit" the hell out of our rescue and emergency service, and whatever else I am leaving out (I think from the perspective of those things because that is my "bag" with radio).

Kim W5TIT

1224. FT-736 or IC-970

Newsgroup: rec.radio.amateur.space
Date: 2000-05-10 00:00:00 UTC
From: Michael <vr2ip@hotmail.com>
Message-ID: <8fae89$qe8$1@its2.ied.edu.hk>
Source record: 9458

Dear All,

Please vote for FT-736 or IC-970. Which one is better according to their performance, operation & function ?

73s

1225. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-05-10 00:00:00 UTC
From: Aaron Jones <nomail@nomail.com>
Message-ID: <OY#PhkuGA.232@cpmsnbbsa03>
Source record: 9459
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

W6RCecilA wrote
>Incidentally, PACTOR II works as well as (or better than) CW
>at QRP levels

It's hard to drag a computer around the forest in your backpack. Yea, I know about laptops, but they are an extra 4-8 pounds and really suck batteries...

1226. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-05-10 00:00:00 UTC
From: None@dontevntry.oro
Message-ID: <8fbjd5adh2@news.uky.edu>
Source record: 9460
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc

In article <39186B5E.46CFBFB4@IEEE.org>, Cecil.A.Moore@IEEE.org says...
>
>Who Did you Expect? wrote:
>> Are there any programs to allow a modest [P233/MMX Creative/Ensoniq
>> PCI sound card] to run Pactor II?
>
>Not yet and it's a proprietary mode. But it illustrates
>what is possible.
>--
>73, Cecil, W6RCA http://www.mindspring.com/~w6rca
Thanks, Ihad done a quick net search but came up fairly emepty.
I will have to keep my eyes open for this one.
AX25 was not the end all it was once proclaimed to be.
Especially on HF.

1227. Satellites on APRS??

Newsgroup: rec.radio.amateur.space
Date: 2000-05-10 00:00:00 UTC
From: Joe Schlatter <joe@schlatter.org>
Message-ID: <%GcS4.17775$vN5.7403794@news-east.usenetserver.com>
Source record: 9461

I have an old notebook computer, a 15-year-old 2-mtr xcvr, and a packet controller running APRS version 8.something 24 hours a day. Antenna is a vertical on the roof.

This morning when I checked the Heard list I found that the system had heard what appears to be several satellites. In fact, when I zoomed out on the map, I saw satellite symbols with station identifiers next to them. Never saw this before and I have been running this thing for 6 months now, 24/7.

Here are the satellites from the Heard list:
LO19
UO22
TO13
KO23
MIR
FO20
IO26
AO16
FO29
aprsdCOS
aprsdTUS
aprsdNYC
SV35

Why are these sats showing up on my APRS screen now when I never saw them before? Or, maybe I did see them before, I just never noticed them -- I check the Heard listing very infrequently.

--

Regards,
Joe Schlatter
joe@schlatter.org
http://www.schlatter.org/
http://www.miafacts.org/
Amateur Radio Extra Class call sign W4HH

1228. MIR Freqs?

Newsgroup: rec.radio.amateur.space
Date: 2000-05-10 00:00:00 UTC
From: Joe Schlatter <joe@schlatter.org>
Message-ID: <sKcS4.17821$vN5.7406590@news-east.usenetserver.com>
Source record: 9462

What are the freqs for MIR? Voice, data, and whatever.

Thanks.

--

Regards,
Joe Schlatter
joe@schlatter.org
http://www.schlatter.org/
http://www.miafacts.org/
Amateur Radio Extra Class call sign W4HH

1229. Re: MIR Freqs?

Newsgroup: rec.radio.amateur.space
Date: 2000-05-10 00:00:00 UTC
From: TomR@astro.net
Message-ID: <39198d12.683581@news.idsi.net>
Source record: 9463

On Wed, 10 May 2000 08:39:27 -0400, "Joe Schlatter"
<joe@schlatter.org> wrote:

>What are the freqs for MIR? Voice, data, and whatever.
>
>Thanks.

145.985 simplex for everything.

Tom - KB2SMS

1230. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-05-10 00:00:00 UTC
From: W6RCecilA <Cecil.A.Moore@IEEE.org>
Message-ID: <39199DC5.E455A63E@IEEE.org>
Source record: 9464
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc

```
Who Did you Expect? wrote:
>
> In article <39186B5E.46CFBFB4@IEEE.org>, Cecil.A.Moore@IEEE.org says...
> >
> >Who Did you Expect? wrote:
> >> Are there any programs to allow a modest [P233/MMX Creative/Ensoniq
> >> PCI sound card] to run Pactor II?
> >
> >Not yet and it's a proprietary mode. But it illustrates
> >what is possible.
> >--
> Thanks, I had done a quick net search but came up fairly empty.

I did a web search for "PACTOR II" and came up with a bunch of
stuff. Try http://www.scs-ptc.com and http://www.pactor.com
for a start.

> AX25 was not the end all it was once proclaimed to be.
> Especially on HF.

AX25 was not designed for HF. PACTOR II was.
--
73, Cecil, W6RCA http://www.mindspring.com/~w6rca
```

1231. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-05-10 00:00:00 UTC
From: W6RCecilA <Cecil.A.Moore@IEEE.org>
Message-ID: <39199E0A.F5A52656@IEEE.org>
Source record: 9465
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Aaron Jones wrote:
>
> W6RCecilA wrote
> >Incidentally, PACTOR II works as well as (or better than) CW
> >at QRP levels
>
> It's hard to drag a computer around the forest in your backpack. Yea, I
> know about laptops, but they are an extra 4-8 pounds and really suck
> batteries...

Get with the program, Aaron, and get yourself a palmtop.
--
73, Cecil, W6RCA http://www.mindspring.com/~w6rca

1232. Re: FT-736 or IC-970

Newsgroup: rec.radio.amateur.space
Date: 2000-05-10 00:00:00 UTC
From: "3.14159265358979323846264338327 95" <ipete88@hotmail.com>
Message-ID: <vqmS4.97111$cZ.263771@typhoon.southeast.rr.com>
Source record: 9466

FT847.

I had one of the first IC970 made and I was really dissapointed. The receive is bad for a radio of this price. The receiver suffers from intermod. Also, you can only transmit on the main band and you can only use the receive adjustments like NB etc on the main band. So this means that when you are using the radio as a satellite radio you cannot use the NB etc because you are using the main band to transmit. This radio is a overpriced boatanchor.

Pete

Michael <vr2ip@hotmail.com> wrote in message
news:8fae89$qe8$1@its2.ied.edu.hk...
> Dear All,
>
> Please vote for FT-736 or IC-970. Which one is better according to
their
> performance, operation & function ?
>
> 73s
>
>

1233. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-05-10 00:00:00 UTC
From: Jim Kelley <jwkelley@uci.edu>
Message-ID: <3919F3FB.4002A4F8@uci.edu>
Source record: 9467
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc

Kim W5TIT wrote:
> I hate to use the
> word, but we need to "exploit" the hell out of our rescue and emergency
> service, and whatever else I am leaving out (I think from the perspective of
> those things because that is my "bag" with radio).

Hi Kim,

The president of our local club out here has come to exactly the same conclusion, and we are actively promoting the formation of ARES/RACES groups in our relatively new area. We are encouraging them to use our repeaters, and are putting new repeaters on the air to service the areas in greatest need. We'll see how it goes, but I think it definitely helps to create activities, and facilitate the need for the use of amateur radio.

73, Jim AC6XG

1234. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-05-10 00:00:00 UTC
From: Aaron Jones <nomail@nomail.com>
Message-ID: <uTN8upwu$GA.234@cpmsnbbsa03>
Source record: 9468
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

W6RCecilA wrote
>Get with the program, Aaron, and get yourself a palmtop.

I guess you never tried typing on a palmtop. Especially with the
stylus. Maybe you could program it to accept input from paddles...

1235. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-05-11 00:00:00 UTC
From: Rick <radio62@idirect.com>
Message-ID: <r9rS4.23567$Kv2.151816@quark.idirect.com>
Source record: 9469
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc

> Not to fan the flames any more, but SSTV was invented by a University of
> Kentucky grad. He did his doctorial on it. Use the (then ham) 11Mtr band.
> In 1957 or so it was the newest technology. I have read and should have a
copy
> of his desertation. Interesting given the technology he had available to
work
> with.
> Do a net search on Capehorn Mcdonald sometime. I
> only hope I have spelled his name correctly.

Try Copthorne McDonald.

Rick...

1236. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-05-11 00:00:00 UTC
From: None@dontevntry.oro
Message-ID: <8fe8k9$527$1@news.uky.edu>
Source record: 9470
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc

In article <r9rS4.23567$Kv2.151816@quark.idirect.com>, radio62@idirect.com says...
>
>
>> Not to fan the flames any more, but SSTV was invented by a University of
>> Kentucky grad. He did his doctorial on it. Use the (then ham) 11Mtr band.
>> In 1957 or so it was the newest technology. I have read and should have a
>copy
>> of his desertation. Interesting given the technology he had available to
>work
>> with.
>> Do a net search on Capehorn Mcdonald sometime. I
>> only hope I have spelled his name correctly.
>
>Try Copthorne McDonald.
>
>Rick...
>
>
>
Sorry about the mispelling.

1237. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-05-11 00:00:00 UTC
From: mundyusa1@netscape.net
Message-ID: <391bd635.1051213@news.usol.com>
Source record: 9471
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

On Wed, 10 May 2000 19:33:50 -0700, "Aaron Jones" <nomail@nomail.com>
wrote:

>W6RCecilA wrote
>>Get with the program, Aaron, and get yourself a palmtop.
>
>I guess you never tried typing on a palmtop. Especially with the
>stylus. Maybe you could program it to accept input from paddles...

I agree about CW being much better than having to horse around with a
computer or even a palmtop for portable / camping etc. But I did just
this week see a spiffy looking folding keyboard for one of those
devices, there's also several mini-keyboards available.

1238. Re: FT-736 or IC-970

Newsgroup: rec.radio.amateur.space
Date: 2000-05-11 00:00:00 UTC
From: I-am-your-president <president@blackhouse.gov>
Message-ID: <gd6mhs4gro51mqss8181vs5pl42dcfoo1b@4ax.com>
Source record: 9472

On Wed, 10 May 2000 23:39:07 GMT, "3.14159265358979323846264338327 95"
<ipete88@hotmail.com> wrote:

>FT847.

they (Yaesu) have already announced a successor
to the 847 <-which has lots of problems.

wait and see.

the 736 is an excellent radio (I own it) but is
a methusalem.
Computer control is not good at all.
Front panel is complicated.
Scanning speed is slow.
And there is that annoying beep.
No 9600 packet without modification.
pr

1239. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-05-11 00:00:00 UTC
From: Ed Ellers <ed_ellers@msn.com>
Message-ID: <O$TI#S5u$GA.234@cpmsnbbsa03>
Source record: 9473
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Rod <ac6v@ix.netcom.com> wrote:

"Would you care to do some math about growth rates?"

Sounds like you entirely missed Paul's point -- that "the amateur population (would be) dwindling down to nothing" if we did *not* have a no-code license.

--
Ed Ellers, KD4AWQ

1240. Re: 5 simple steps for better ham radio.

Newsgroup: rec.radio.amateur.space
Date: 2000-05-12 00:00:00 UTC
From: great horneytoads! <bluetel@aol.com>
Message-ID: <8M0T4.55968$g4.1554766@newsread2.prod.itd.earthlink.net>
Source record: 9399
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

W6RCecilA <Cecil.A.Moore@IEEE.org> wrote in message
news:391C4ACB.C2DC90B@IEEE.org...
> Wouff Hong wrote:
> >
> > Step 1: No more automatic renewals. Individuals must retest and
> > pass all elements required for their license class.
> >
> > Step 2: The passing score for written exams should be 90% not 70%
> >
> > Step 3: Two code elements, 13 wpm for General and 20 wpm for Extra.
> >
> > Step 4: No-code license should be one year non-renewable.
> >
> > Step 5: Remove negative influences by disbanding the ARRL.
>
> Step 6: Kiss the Amateur Radio Service goodby.
> --
> 73, Cecil, W6RCA http://www.mindspring.com/~w6rca

It's already gone Cecil. Ham radio is literally dying.
Average age for hams is 68 Yrs old.
Your correct above, and ham radio WILL be DEAD
by 2015. Stick a fork in it - it's done cooked thru and thru.

RIP: Amateur Radio 1917-2015

1241. Re: Question: Innovation in Amateur Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-05-12 00:00:00 UTC
From: "Henry A. Kolesnik" <wd5jfr@tulsa.oklahoma.net>
Message-ID: <391C97CE.E80AC126@tulsa.oklahoma.net>
Source record: 9400
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.homebrew,rec.radio.amateur.space,rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.amateur.dx,rec.radio.amateur.antenna

i wish i was!!!!
hank wd5jfr

Gerd Henjes wrote:

> Are you a late bloomer Kevin? Gerd, W2ISB
>
> "Kevin McQuiggin" <mcquiggi@sfu.ca> wrote in message
> news:391C479A.ED335B9A@sfu.ca...
> > Hi Folks:
> >
> > I've been licenced for 23 years, currently VE7ZD, and am in graduate
> > school up here near Vancouver, BC.

1242. Re: 5 simple steps for better ham radio.

Newsgroup: rec.radio.amateur.space
Date: 2000-05-12 00:00:00 UTC
From: Sycho_Graphics <Sycho_Graphics@email.msn.com>
Message-ID: <etd0A2Gv$GA.306@cpmsnbbsa04>
Source record: 9401
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner
Body handling: HTML body converted to readable text

News Flash: New technologies will solve ham radio problems for everyone like it or not. FCC Licensing to use a consumer product like a ham radio is stupid, counter productive stifles innovation and keeps prices for gear artificially high. These FCC rules and regulations are ALL showing their age and the world is changing way too fast for antiquated systems.

Personally, I use a real neat device called a cellular phone for most things no license, no testing required I figured out how to use it all by my self. :)

"GLC1173" wrote in message
news:20000512181506.16827.00002377@ng-fz1.aol.com...
> Wouff Hong wrote:
> >5 simple steps for better ham radio.
> >Step 1: No more automatic renewals. >Individuals must retest and
> > pass all elements required for their >license class.
>
> Want to guarantee the economic end of ham radio? Because if a hobby
becomes
> a chore, people will defect in large numbers to the Internet, etc. - and
no
> manufacturers will remain to provide either new gear nor a lobbying base.
> The present licensing system anticipates that those licensed will know
> enough to stay out of trouble in whatever "specialty" they gravitate to -
like
> the wife of a ham who just uses two meters to keep in touch with him.
> We don't even require that kind of licensing for drivers or lawyers.
> ~~~~~~~~~~~~~~~~~~~~
> Dissident news - plus immigration, gun rights, nationwide weather
> Al Gore - in his own words
> ALAMANCE INDEPENDENT:
> official newspaper of the Vast Right Wing Conspiracy
>

1243. Re: Question: Innovation in Amateur Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-05-12 00:00:00 UTC
From: "Peter O. Brackett" <ab4bc@ix.netcom.com>
Message-ID: <8fid88nen1@slb1.atl.mindspring.net>
Source record: 9402
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.homebrew,rec.radio.amateur.space,rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.amateur.dx,rec.radio.amateur.antenna

And then later...

the Amateur Guiglilemo Marconi was awarded a Nobel Prize!

Peter K1PO

"Wes Stewart" <n7ws@arrl.net> wrote in message
news:391ca9c9.125484864@news.azstarnet.com...
> On 12 May 2000 18:41:38 GMT, glass2@glass2.lexington.ibm.com wrote:
>
> >In <391C479A.ED335B9A@sfu.ca>, Kevin McQuiggin <mcquiggi@sfu.ca> writes:
> >>Hi Folks:
> >>
> >>I've been licenced for 23 years, currently VE7ZD, and am in graduate
> >>school up here near Vancouver, BC.
> >>
> >>I'm researching amateur radio and its history. I'm specifically
> >>interested in inventions, discoveries, or techniques that were developed
> >>within amateur radio and later spread to the electronics industry.
> >>Similarly, some of our operating techniques and procedures were later
> >>widely adopted by other services.
> >
> >
> Marconi was an amateur.
>
> N7WS

1244. Question about rec.radio.amateur.space NG

Newsgroup: rec.radio.amateur.space
Date: 2000-05-12 00:00:00 UTC
From: Joe Leikhim <jleikhim@nettally.com>
Message-ID: <391CC431.64D75ED4@nettally.com>
Source record: 9403

Is this NG about Amateur Radio operations in space and Amateur Radio
satellites? I am confused as there seems to be a lot of unrelated stuff
here.

--
Joe Leikhim K4SAT
Jleikhim@nettally.com

"tv dinner by the pool,
i'm so glad i finished school" -F.Zappa 1967

"The Revolution will NOT be televised" -Gil Scott Heron

Dopeler effect: The tendency of stupid ideas to seem smarter when they
come
at you rapidly.

1245. Re: 5 simple steps for better ham radio.

Newsgroup: rec.radio.amateur.space
Date: 2000-05-12 00:00:00 UTC
From: PreCool <precoolNOprSPAM@email.com.invalid>
Message-ID: <09501873.11e1f784@usw-ex0105-040.remarq.com>
Source record: 9404
Cross-posted to: rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.shortwave

Since when did privacy and killing spam become a lack of
integrity? Please don't take selfish pride in ignorance.

* Sent from RemarQ http://www.remarq.com The Internet's Discussion Network *
The fastest and easiest way to search and participate in Usenet - Free!

1246. Re: 5 simple steps for better ham radio.

Newsgroup: rec.radio.amateur.space
Date: 2000-05-12 00:00:00 UTC
From: PreCool <precoolNOprSPAM@email.com.invalid>
Message-ID: <07ac6448.1465b2e1@usw-ex0105-040.remarq.com>
Source record: 9405
Cross-posted to: rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.shortwave

What you fail to realize is, inteligents and technical prowess
do not exclude abusers and criminals. Sure, crime is not
inteligent. Yet there are a lot a inteligent criminals out
there. Like the ones who disrupt the repeater clubs. You'll
never see them on "worlds dummest criminals". Stupidity isn't
the problem. Lack of character is.

So, a hard test isn't the answer. What we now have are a lot of
inteligent asses.

What is the answer. Enforcement, policing our own bands *with*
FCC support, Inovation and change so to attract quality people.
What do you think?

* Sent from RemarQ http://www.remarq.com The Internet's Discussion Network *
The fastest and easiest way to search and participate in Usenet - Free!

1247. make money

Newsgroup: rec.radio.amateur.space
Date: 2000-05-12 00:00:00 UTC
From: 4Roses@Access1.NET
Message-ID: <391B4C63.4DF3C8FD@Access1.Net>
Source record: 9474

Make $1000 of an initial $6 investment very easy, not a scam, really works!

Make Money Now! It doesn't get any easier than this. Just follow this awesome money making program, and you'll be collecting a nice supplemental income in no time. You don't have to buy anything! You don't have to sell anything! This is not a Paid To Surf Program or a Paid to Click Program. You don't have to surf the Internet for a ton of hours or click on little banners a million times. This program is fast, simple, easy, and most importantly....IT WORKS!

Mission: To make a one time investment of $6.00 and have it return to you over $6,000.00

The program really works! Read this testimonial first!
A little while back, I was browsing through newsgroups and websites, just like you are now, and came across an article similar to this. It said that you could make thousands of dollars within weeks with only an initial investment of $6.00! So I thought, "Yeah right, this must be a total scam." But like you and me, i was curious, so i kept reading. Anyways it said that you send $1.00 to each of the 6 names and addresses stated in the article. After you send the mail, you then place your own name and address in the the bottom of the mailing list and post the article in at least 200 newsgroups. No catch, that was it. So after thinking it over and talking to a few people about it, I figured, "what have I got to lose other than $6.00 and a few stamps?" So I decided to try it and I mailed out my measly 6 bucks. Well Guess What?! Within 7 days, I started getting money in the mail! I was shocked! I figured it would end soon, but the money just kept coming in. Mail after mail with a 1 dollar bill inside. In the first week, I made $25.00 - Wow, I already made back my initial investment with some extra lunch money. But next week came more mail. By the end of the second week, I had made over $100! In the third week, I had over $1200.00 and it was still growing. By the end of the 4th week, I had well over $6,000.00! I couldn't believe it. It was certainly worth $6.00 and 6 stamps. And the best thing - it's perfectly legal! Thanks a bunch to everyone involved!

Important: This is not a rip-off; it is not indecent; it is not illegal; and it is 99% no risk - it really works!
Please note: Please follow the directions EXACTLY, and $6,000.00 or more can be yours in 20 to 60 days. This program remains successful because of the honesty and integrity of the participants. Please continue its success by carefully adhering to the instructions.
You will now become part of the Mail Order business. In this business

your product is not solid and tangible, it's a service. You are in the business of developing Mailing Lists. Many large corporations are happy to pay big bucks for quality lists. However, the money made from the mailing lists is secondary to the income which is made from people like you asking to be included in that list.
4 Basic Steps to Success
STEP 1 : Get 6 separate pieces of paper and write the following on each piece of paper "PLEASE PUT ME ON YOUR MAILING LIST." Write on each piece of paper your mailing address and your email address. Now get 6 US $1.00 bills and place ONE inside EACH of the 6 pieces of paper so the bill will not be seen through the envelope (to prevent thievery). Place one paper in each of the 6 envelopes and seal them. You should now have 6 sealed envelopes, each with a piece of paper stating the above phrase with
your house and email address. What you are doing is creating a service. THIS IS ABSOLUTELY
LEGAL! You are requesting a legitimate service and you are paying for it! Any doubts? Please refer
to Title 18 Section 1302 & 1341 of the Postal lottery laws or call the US Postal office at 1-8000-725-2161.
STEP 2 : Mail the 6 envelopes to the following addresses:

1) Christopher L. Sloan
2200 Hickory St.
H.S.U. Box #14579
Abilene, TX 79698

2) Karen Lohning
155 Blue Spruce Ct.
Delaware, Ohio 43015

3) B. Stoltenberg
7149 Wynter Way
Indianapolis, IN 46250

4)J. Hanan
10871 Poyntell Cir.
San Diego, CA, 92131

5)Rob Barnes
14575 Spingvale st.
Poway, CA, 9206465t

6)Eric Larose
17757 Corazon Pl.
San Diego, CA, 92127

STEP 3 : Now copy this list and take the #1 name off the list that you see above and move the other names
up (6 becomes 5, 5 becomes 4, etc...) and add YOUR name as #6 on the list.
STEP 4 : Change anything you need to, but try to keep this article as

close to the original as possible. Now try to post your amended article to at least 200 newsgroups (chat rooms, message boards, guest books, bulletin boards...u know). You don't have to post 200, you can do more or less, but remember, THE MORE YOU POST, THE MORE CASH YOU MAKE! Keep a copy of these steps for yourself, and whenever you need cash, you can use it again, and again.

PLEASE REMEMBER : This program remains successful because of the honesty and integrity of the participants and by their carefully adhering to the directions. Loook at it this way. If you are a person of integrity, the program will continue and the CASH that so many others have received will come your way.

NOTE : You may want to retain every name and address sent to you, either on a computer or hard copy and keep the notes peple send you. This VERIFIES that you are truly providing a service. (Also, it might be a good idea to wrap the $1 bill in dark paper to reduce the risk of mail theft. So, as each post is downloaded or read, and the directions carefully followed, six members will be reimbursed for their participation as a List Developer with one dollar each. Your name will move up the list geometrically so that when your name reaches the #1 position you will be receiving thousand of dollars!! What an opportunity for only a one time investment of of $6.00 and six stamps. Send it now, add your own name to the list, post it, and you're in business!

To make sure you don't get into trouble with Uncle Sam, make sure you declare your extra income. Remember, this is LEGAL> You are using the Internet to advertise your business. What is that business? You are creating a mailing list of people who are interested in home based computer and online business and methods of generating income at home. Remember, people send you a small fee to be addesd to your mailing list. It is legal. What you do with your list of names is up to you. so build your mailing list, keep good accounts, declare your income and pay your taxes. By doing this you prove your business intentions.

How Much Can I Really Make?

Out of 200 postings (which should take no more than 1 hour) you receive only 7 replies (a very low percentage). So then you just made $7.00 with your name at #6 on the letter. Now each of the 7 people make around 200 postings with your name at #5 and 7 more people respond, you just made $49.00. Now those 49 people put up another 200 posts each, and still only 7 more reply from each person, you just made $343.00 with your name at #4. Following the same pattern, you would make $2401.00 with your name at #3, $16,807.00 at #2, and $117,649.00 at #1. And remember, that's only if 7 people reply each time!

Additional NOTES :

1) In some countries, the export of the country's exchange is illegal. But you can get the license to do this from the post office, explaining the above statements (that you have an online busines, etc.). You may have to pay an extra tax, but that's OK, the amount of the incoming CASH is HUGE!!

2) You may want to buy mailing and email lists for future CASH, or

database of spreadsheet software.
3) You may eventually want to rent a P.O. Box due to the large amount of mail you will receive. If you wish to stay anonymous, you can invent a name to use, as long as the postman will deliver it. Just make sure all the addresses are correct.
4) If you're really not sure or still think this can't be for real, please print a copy of this article and give it to someone who really needs the CASH, and see what happens.
5) For a business to be successful, be honest and fair.

1248. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-05-12 00:00:00 UTC
From: konstans@oneleven.net
Message-ID: <391b4c03.337091632@nntp.one-eleven.net>
Source record: 9475
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc

What was you point in posting this General Morgan

Amusing how with other saying that I Mark Morgan, holder of
the license KB9RQZ, lack credibilty you insist on trying to assmue my
name and ID

Mark Morgan
KB9RQZ

On Mon, 08 May 2000 13:58:54 GMT, General Mark Morgan
<one.big.asshole@ahole.com> wrote:

>Is this MARK.....
>
>
>
> Callsign Results [ULS DATABASE]
>
>
> Callsign File Number Applicant Type
>Service
> KB9RQZ 9711128976
>I HA
>
> Licensee Name Address PO Box
>City
> MORGAN, MARK C 221
>ILLIOPOLIS
>
> State Zip Grant Date
>Expire Date
> IL 652390221 Nov 12, 1997 Nov
>12, 2007
>
> NEPA Flag Trustee License ID
>Previous Callsign
>
>
>Operator Class
>
>T
>
> Group Previous Operator Class
>Eligibility Code Trustee Ind

> D
> Trustee_license_id
>
>
>
>
>Mark Morgan wrote:
>>
>> On 7 May 2000 06:21:25 -0700, FredJ@aol.com wrote:
>>
>> >But, of course, restructuring has taken care of the "Old Fart" problem, so this
>> >is no longer an issue. The "new blood" will be flocking in droves to the door
>> >very soon now. Stop worrying. It's all taken care of.
>>
>> I wish that were the case, but considering the fact that
>> basicaly few beyond the ranks of ourselfs the existing pool of hams
>> KNOWS of the changes means that it is hard for them have much long
>> term effect
>> >
>> >In article <qo69hskqccdm1f3qp7cn7fj95od3auhv4m@4ax.com>, Glen says...
>> >>
>> >>ac6v <ac6v@ix.netcom.com> wrote:
>> >>
>> >>>Huh -- as of April 2000 there are 678,539 US Hams
>> >>>(http://www.speroni.com/FCC/Licenses.html)
>> >>>In 1992 there were 524,782 US Hams (RAC CALLBOOK)
>> >>
>> >>This does not allow for the effects of the change to the ten year
>> >>license. It also does NOT show how many hams are inactive. Check the
>> >>stats for the ages of hams, and you'll find that the ham population is
>> >>mainly Old Farts. We're not getting nearly enough new blood to keep the
>> >>hobby vital.
>> >>--
>> >>glenq@cyberhighway.net
>> >>WB7DOW
>> >>
>> >>http://www.cyberhighway.net/~glenq/
>> >

1249. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-05-12 00:00:00 UTC
From: konstans@oneleven.net
Message-ID: <391b4c74.337203958@nntp.one-eleven.net>
Source record: 9476
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc

On Tue, 09 May 2000 13:20:03 GMT, General Mark Morgan
<one.big.asshole@ahole.com> wrote:

>I guess my novice license was from a 'really' ancient era (1966),
>one year non-renewable.

What are you trying to do make that I claim an anceint Novice
license and then "prove" I never held one. I Mark Morgan, KB9RQZ never
held a Novice license General Morgan
>
>"M. Schneider" wrote:
>>
>> Nah, it's long gone. All I remember is that it was expired when I got back.
>> The FCC office didn't give a S--T that I'd been in no position to do
>> anything about upgrading and the person on the phone made a snotty comment
>> about govt. killers not getting any special treatment. I suggested that
>> with an attitude like his he needed to be careful what he said to "govt
>> killers" and hung up. A couple of days later I got a visit from an FBI
>> agent concerning "threats" I'd made to a govt. employee. He was a much more
>> reasonable person, and after listening to my story, told me not to worry
>> about it, SHOOK MY HAND! and said thank you, and left. (If it sounds like
>> that meant alot to me, it did!) But I figured it would be a good idea if I
>> avoided the FCC for awhile. No matter, I'll get my upgrade now on my own
>> merits.
>> Mark
>>
>> > If your still have your orignal Novice license you might want to check the
>> > length it was valid. Mine is from that ancient era and says 2 years non
>> > renewable. Then they made it 5 years renewable and then 10 renewable.
>> >

1250. fs kam all mode

Newsgroup: rec.radio.amateur.space
Date: 2000-05-12 00:00:00 UTC
From: hcrane@thezone.net
Message-ID: <391baad2.187227992@news.thezone.net>
Source record: 9477

i have a kam all mode all hookups for vhf and hf
all manuels...and radio to go with it vhf.
i am seling
or will trade for some thing of equal value
playstation and games
or burner any thnig give me offers.

1251. Re: FT-736 or IC-970

Newsgroup: rec.radio.amateur.space
Date: 2000-05-12 00:00:00 UTC
From: Christopher Cox <cobox@urec.net>
Message-ID: <01bfbc01$e758aa00$78c8a8c0@CBX-NT>
Source record: 9478

Well, Mr. President,

You are staying with your reputation in regards to the truth,

> they (Yaesu) have already announced a successor
> to the 847 <-which has lots of problems.

What problems are you referring to?

I own a IC706MKII and a FT847. Love them both.

Christopher Cox
KC8FRJ

1252. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-05-12 00:00:00 UTC
From: None@dontevntry.oro
Message-ID: <8fgpl2cfi2@news.uky.edu>
Source record: 9479
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc

In article <391b4c74.337203958@nntp.one-eleven.net>, konstans@oneleven.net says...
>
>On Tue, 09 May 2000 13:20:03 GMT, General Mark Morgan
><one.big.asshole@ahole.com> wrote:
>
>>I guess my novice license was from a 'really' ancient era (1966),
>>one year non-renewable.
>
> What are you trying to do make that I claim an anceint Novice
>license and then "prove" I never held one. I Mark Morgan, KB9RQZ never
>held a Novice license General Morgan
>>

>>> > If your still have your orignal Novice license you might want to check the
>>> > length it was valid. Mine is from that ancient era and says 2 years non
>>> > renewable. Then they made it 5 years renewable and then 10 renewable.
>>> >
>
Geaz guys, I was NOT TRY TO START ANOTHER FLAME WAR. Just wondered if mine was the only 2 year expired novice license in existance. I was NOT trying to cast doubt on anyones histories.

1253. Re: Ham-Space Digest V2000 #121 (AbsentWise)

Newsgroup: rec.radio.amateur.space
Date: 2000-05-12 00:00:00 UTC
From: malcolm.andrew@aeat.co.UK
Message-ID: <s91c1475.010@a-hgwd3.harwell.aeat.co.uk>
Source record: 9480

I am absent from 12 May 2000 until 19 May 2000. Please contact Duncan Mackay on 720 3388 or 01235 433388 if you need ungent help.

1254. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-05-12 00:00:00 UTC
From: General Mark Morgan <one.big.asshole@ahole.com>
Message-ID: <391C2683.950F892@ahole.com>
Source record: 9481
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc

Hey idiot, do you think you are the only one in this world with the
name of Mark Morgan! Did GOD reserve that name just for you? Are
you a General in the armed forces? Help me out on this one will ya
Mark.....

Mark Morgan wrote:
>
> What was you point in posting this General Morgan
>
> Amusing how with other saying that I Mark Morgan, holder of
> the license KB9RQZ, lack credibilty you insist on trying to assmue my
> name and ID
>
> Mark Morgan
> KB9RQZ
>
> On Mon, 08 May 2000 13:58:54 GMT, General Mark Morgan
> <one.big.asshole@ahole.com> wrote:
>
> >Is this MARK.....
> >
> >
> >
> > Callsign Results [ULS DATABASE]
> >
> >
> > Callsign File Number Applicant Type
> >Service
> > KB9RQZ 9711128976
> >I HA
> >
> > Licensee Name Address PO Box
> >City
> > MORGAN, MARK C 221
> >ILLIOPOLIS
> >
> > State Zip Grant Date
> >Expire Date
> > IL 652390221 Nov 12, 1997 Nov
> >12, 2007
> >
> > NEPA Flag Trustee License ID
> >Previous Callsign

> >
> >
> >Operator Class
> >
> >T
> >
> > Group Previous Operator Class
> >Eligibility Code Trustee Ind
> > D
> > Trustee_license_id
> >
> >
> >
> >
> >Mark Morgan wrote:
> >>
> >> On 7 May 2000 06:21:25 -0700, FredJ@aol.com wrote:
> >>
> >> >But, of course, restructuring has taken care of the "Old Fart" problem, so this
> >> >is no longer an issue. The "new blood" will be flocking in droves to the door
> >> >very soon now. Stop worrying. It's all taken care of.
> >>
> >> I wish that were the case, but considering the fact that
> >> basicaly few beyond the ranks of ourselfs the existing pool of hams
> >> KNOWS of the changes means that it is hard for them have much long
> >> term effect
> >> >
> >> >In article <qo69hskqccdm1f3qp7cn7fj95od3auhv4m@4ax.com>, Glen says...
> >> >>
> >> >>ac6v <ac6v@ix.netcom.com> wrote:
> >> >>
> >> >>>Huh -- as of April 2000 there are 678,539 US Hams
> >> >>>(http://www.speroni.com/FCC/Licenses.html)
> >> >>>In 1992 there were 524,782 US Hams (RAC CALLBOOK)
> >> >>
> >> >>This does not allow for the effects of the change to the ten year
> >> >>license. It also does NOT show how many hams are inactive. Check the
> >> >>stats for the ages of hams, and you'll find that the ham population is
> >> >>mainly Old Farts. We're not getting nearly enough new blood to keep the
> >> >>hobby vital.
> >> >>--
> >> >>glenq@cyberhighway.net
> >> >>WB7DOW
> >> >>
> >> >>http://www.cyberhighway.net/~glenq/
> >> >

1255. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-05-12 00:00:00 UTC
From: General Mark Morgan <one.big.asshole@ahole.com>
Message-ID: <391C26F2.B611740D@ahole.com>
Source record: 9482
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc

Well good for you Mark... I was just pointing out that your
statement about the 2 year license is not as ancient as the one year
non-renewable which I held in 1966, now that's ancient....

Mark Morgan wrote:
>
> On Tue, 09 May 2000 13:20:03 GMT, General Mark Morgan
> <one.big.asshole@ahole.com> wrote:
>
> >I guess my novice license was from a 'really' ancient era (1966),
> >one year non-renewable.
>
> What are you trying to do make that I claim an anceint Novice
> license and then "prove" I never held one. I Mark Morgan, KB9RQZ never
> held a Novice license General Morgan
> >
> >"M. Schneider" wrote:
> >>
> >> Nah, it's long gone. All I remember is that it was expired when I got back.
> >> The FCC office didn't give a S--T that I'd been in no position to do
> >> anything about upgrading and the person on the phone made a snotty comment
> >> about govt. killers not getting any special treatment. I suggested that
> >> with an attitude like his he needed to be careful what he said to "govt
> >> killers" and hung up. A couple of days later I got a visit from an FBI
> >> agent concerning "threats" I'd made to a govt. employee. He was a much more
> >> reasonable person, and after listening to my story, told me not to worry
> >> about it, SHOOK MY HAND! and said thank you, and left. (If it sounds like
> >> that meant alot to me, it did!) But I figured it would be a good idea if I
> >> avoided the FCC for awhile. No matter, I'll get my upgrade now on my own
> >> merits.
> >> Mark
> >>
> >> > If your still have your orignal Novice license you might want to check the
> >> > length it was valid. Mine is from that ancient era and says 2 years non
> >> > renewable. Then they made it 5 years renewable and then 10 renewable.
> >> >

1256. 5 simple steps for better ham radio.

Newsgroup: rec.radio.amateur.space
Date: 2000-05-12 00:00:00 UTC
From: integrity@arrl.sucks.org
Message-ID: <anti.arrl@arrl.sucks.org>
Source record: 9483
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Step 1: No more automatic renewals. Individuals must retest and
pass all elements required for their license class.

Step 2: The passing score for written exams should be 90% not 70%

Step 3: Two code elements, 13 wpm for General and 20 wpm for Extra.

Step 4: No-code license should be one year non-renewable.

Step 5: Remove negative influences by disbanding the ARRL.

wouff hong

1257. Re: 5 simple steps for better ham radio.

Newsgroup: rec.radio.amateur.space
Date: 2000-05-12 00:00:00 UTC
From: Stewart Teaze <stewart.teaze@gat.com>
Message-ID: <391C3DE9.50156881@gat.com>
Source record: 9484
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Wouff Hong wrote:

> Step 1: No more automatic renewals. Individuals must retest and
> pass all elements required for their license class.

agree here.

> Step 2: The passing score for written exams should be 90% not 70%

sure, why not.

> Step 3: Two code elements, 13 wpm for General and 20 wpm for Extra.

HA! How does THAT make things better! Go back to the stoneage, fool.

> Step 4: No-code license should be one year non-renewable.

Why?

> Step 5: Remove negative influences by disbanding the ARRL.

That is the best suggestion yet.

> wouff hong

1258. Re: 5 simple steps for better ham radio.

Newsgroup: rec.radio.amateur.space
Date: 2000-05-12 00:00:00 UTC
From: Keith Wood <kw@bctv.com>
Message-ID: <391C08C5.2F282558@bctv.com>
Source record: 9485
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Why should we listen to a poster who calls itself "integrity" but won't
give a real email address?

1259. Re: 5 simple steps for better ham radio.

Newsgroup: rec.radio.amateur.space
Date: 2000-05-12 00:00:00 UTC
From: Kim W5TIT <kw5tit@hotmail.com>
Message-ID: <2D1508EE5C5EC775.FA40AAE6F1514D5E.57BA2B064A14100F@lp.airnews.net>
Source record: 9486
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Wow, did anyone happen to look up Wouff Hong on Altavista? Maybe it's not anything new to you oldtimers. But, for the newer folks or those who don't know...

Kim W5TIT

Stewart Teaze <stewart.teaze@gat.com> wrote in article <391C3DE9.50156881@gat.com>...
> Wouff Hong wrote:
>
> > Step 1: No more automatic renewals. Individuals must retest and
> > pass all elements required for their license class.
>
> agree here.
>
> > Step 2: The passing score for written exams should be 90% not 70%
>
> sure, why not.
>
> > Step 3: Two code elements, 13 wpm for General and 20 wpm for Extra.
>
> HA! How does THAT make things better! Go back to the stoneage, fool.
>
> > Step 4: No-code license should be one year non-renewable.
>
> Why?
>
> > Step 5: Remove negative influences by disbanding the ARRL.
>
> That is the best suggestion yet.
>
> > wouff hong
>
>

1260. Question: Innovation in Amateur Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-05-12 00:00:00 UTC
From: Kevin McQuiggin <mcquiggi@sfu.ca>
Message-ID: <391C479A.ED335B9A@sfu.ca>
Source record: 9487
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.homebrew,rec.radio.amateur.space,rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.amateur.dx,rec.radio.amateur.antenna

Hi Folks:

I've been licenced for 23 years, currently VE7ZD, and am in graduate school up here near Vancouver, BC.

I'm researching amateur radio and its history. I'm specifically interested in inventions, discoveries, or techniques that were developed within amateur radio and later spread to the electronics industry. Similarly, some of our operating techniques and procedures were later widely adopted by other services.

Hams operate outside of the structured environments within industry, and I think that this freedom has permitted us to invent and discover without being shackled by any policy issues, or possible stigmatism from investigating things that would be considered "too far out in left field" by management and non-ham co-workers.

Examples would be the investigation of wavelengths below 200 meters, with the discovery by hams that such wavelengths were better for propagation than longer waves; packet radio; APRS; propagation studies that were undertaken in the 20s and 30s; facsimile; SSTV; and network operating techniques.

Some of this stuff was regulated, such as the banishment of amateur radio to the "useless" wavelengths < 200 M, but this sort of proves my point. There's been lots of innovation within the hobby, and the general public now benefits from it.

If anyone could provide me with more examples, or good books or articles on this topic, then that'd be great. Of course I'll give appropriate credit to those who assist!

If you could email me as well as posting your reply, thanks. There's lots of traffic in these groups and I don't want to miss any replies.

73,

Kevin VE7ZD
mcquiggi@sfu.ca

1261. Re: 5 simple steps for better ham radio.

Newsgroup: rec.radio.amateur.space
Date: 2000-05-12 00:00:00 UTC
From: W6RCecilA <Cecil.A.Moore@IEEE.org>
Message-ID: <391C4ACB.C2DC90B@IEEE.org>
Source record: 9488
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Wouff Hong wrote:
>
> Step 1: No more automatic renewals. Individuals must retest and
> pass all elements required for their license class.
>
> Step 2: The passing score for written exams should be 90% not 70%
>
> Step 3: Two code elements, 13 wpm for General and 20 wpm for Extra.
>
> Step 4: No-code license should be one year non-renewable.
>
> Step 5: Remove negative influences by disbanding the ARRL.

Step 6: Kiss the Amateur Radio Service goodby.
--
73, Cecil, W6RCA http://www.mindspring.com/~w6rca

1262. Re: Question: Innovation in Amateur Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-05-12 00:00:00 UTC
From: glass2@glass2.lexington.ibm.com
Message-ID: <8fhj92$146i$1@ausnews.austin.ibm.com>
Source record: 9489
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.homebrew,rec.radio.amateur.space,rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.amateur.dx,rec.radio.amateur.antenna

In <391C479A.ED335B9A@sfu.ca>, Kevin McQuiggin <mcquiggi@sfu.ca> writes:
>Hi Folks:
>
>I've been licenced for 23 years, currently VE7ZD, and am in graduate
>school up here near Vancouver, BC.
>
>I'm researching amateur radio and its history. I'm specifically
>interested in inventions, discoveries, or techniques that were developed
>within amateur radio and later spread to the electronics industry.
>Similarly, some of our operating techniques and procedures were later
>widely adopted by other services.
>
>Hams operate outside of the structured environments within industry, and
>I think that this freedom has permitted us to invent and discover
>without being shackled by any policy issues, or possible stigmatism from
>investigating things that would be considered "too far out in left
>field" by management and non-ham co-workers.
>
>Examples would be the investigation of wavelengths below 200 meters,
>with the discovery by hams that such wavelengths were better for
>propagation than longer waves; packet radio; APRS; propagation studies
>that were undertaken in the 20s and 30s; facsimile; SSTV; and network
>operating techniques.
>
>Some of this stuff was regulated, such as the banishment of amateur
>radio to the "useless" wavelengths < 200 M, but this sort of proves my
>point. There's been lots of innovation within the hobby, and the general
>public now benefits from it.
>
>If anyone could provide me with more examples, or good books or articles
>on this topic, then that'd be great. Of course I'll give appropriate
>credit to those who assist!
>
>If you could email me as well as posting your reply, thanks. There's
>lots of traffic in these groups and I don't want to miss any replies.
>
>73,
>
>Kevin VE7ZD
>mcquiggi@sfu.ca
>

How about if I start you off with a pointer to a piece by the guy who invented SSTV, Copthorne Macdonald, VY2CM, in his own words. SSTV was invented at the University of Kentucky, in Lexington, Kentucky.

http://www.ultranet.com/~sstv/history/

Dave

P.S. Standard Disclaimer: I work for them, but I don't speak for them.

1263. Re: Question: Innovation in Amateur Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-05-12 00:00:00 UTC
From: blackm00@cam.org
Message-ID: <blackm00-1205001607450001@dialup-15.hip.cam.org>
Source record: 9490
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.homebrew,rec.radio.amateur.space,rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.amateur.dx,rec.radio.amateur.antenna

In article <391C479A.ED335B9A@sfu.ca>, Kevin McQuiggin <mcquiggi@sfu.ca> wrote:

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>
> I've been licenced for 23 years, currently VE7ZD, and am in graduate
> school up here near Vancouver, BC.
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> interested in inventions, discoveries, or techniques that were developed
> within amateur radio and later spread to the electronics industry.
> Similarly, some of our operating techniques and procedures were later
> widely adopted by other services.
>
> Hams operate outside of the structured environments within industry, and
> I think that this freedom has permitted us to invent and discover
> without being shackled by any policy issues, or possible stigmatism from
> investigating things that would be considered "too far out in left
> field" by management and non-ham co-workers.
>
> Examples would be the investigation of wavelengths below 200 meters,
> with the discovery by hams that such wavelengths were better for
> propagation than longer waves; packet radio; APRS; propagation studies
> that were undertaken in the 20s and 30s; facsimile; SSTV; and network
> operating techniques.
>[stuff deleted]

Packet radio already existed. Somebody (I can't remember his position
or whether he was a ham) in what was then the Department
of Communications here in Canada, with a name like deMercado, had had
some experience with Aloha Net in Hawaii. He decided it was time
for hams to move forward, and so he changed the rules in Canada to
allow packet radio, and introduced the Digital License. That license
carried no code test, but what was said to be a more complicated
theory test, and was VHF only, maybe restricted to certain bands. I
thought there was also a segement or two set aside for packet that
only Digital License holders could use. I remember he came and talked
to one of the local clubs in 1977 or 78, so long ago that the details
are vague.

So it's debatable how much ham radio influenced packet radio. On
the other hand, I don't dismiss the value to some individuals, who
got it going in ham radio and played with it, and used that
experience in the commericial area.

I think the influence of ham radio on technology in recent years has diminished. That's less important than whether it is still affecting the young, getting them interested in electronics and radio at a young age and providing them with a place to play with these things.

But up till a certain point, ham radio was basically synonomous with electronics and or radio. You don't have to go any further than Howard Armstrong, who was a ham first and it could be said his work was nothing more than an extension of ham radio, even if it influenced radio tremendously; regeneration (and regenerative receivers) the superheterodyne receiver, the superregenerative receiver and practical FM. You can't do anything in radio without one or more of those things.

A lot of the oscillator circuits are named after people who happened to be hams.

I thought practical narrow band FM for two way communication came from a ham, something like the guy who started Sonar, but that is based on some remembrance.

Amateur satellites certainly must have helped the field. The first OSCAR went up only a few years after Sputnik and must have cost significantly less. The concept of a piggyback launch came from OSCAR, and certainly others have taken advantage of that. There have in recent years been "OSCAR-type" satellites, ie relativley simple and inexpensive, which have probably been mainly experimental but have either helped provide a training ground for satellite work or helped "third world countries" in some way.

And you can find examples of hams supplying practical experience (gained from the hobby) in some of the important projects of the last century. I can't get to it easily, but I read a book about Benchley Park during World War II where they worked on what the other side was doing, and the author mentions right at the end the importance of hams in the practical experience they brought to the process. I think there was a similar mention in a book about radar development during WWII. People would come out of the universites, and know all the theory, but be lost when it came to practical work, but hams had that down because of building their own equipment. And of course when WWII started up, hams ended up filling various technical roles in the armed services.

I thought the first person to play with radio astronomy was a ham. If it was't someone who followed up was.

The US Army tried moonbounce in the forties or fifties, but they needed big arrays and lots of power. Hams followed, using much simpler equipment. I'm not so certain moonbounce has much practical use for society other than hams, since others can put up satellites while hams are somewhat limited, but the process of advancing the art may be as important as whether the technology actually migrates elsewhere.

A lot of the history has been written. The ARRL had or has some books on the history, including that one about "200 meters and down...". "Empire of the Air" by Tom Lewis (and it was a Ken Burns PBS show some years back) dealt with Armstrong, Sarnoff and DeForest and probably is fairly available. There was a book about Armstrong, I can't find my copy right now, first published in the fifties and then in the sixties by Bantam Paperback, that I've found in used book stores that provides good, though not too technical, coverage of his life.

Since you can now get QST easily on CDROM, it would be worth getting the early years, actually get the whole set if you've got the money, and then you can see the history unfolding as it happened. The other ham magazines may not be as useful, since they came later, and more important they aren't as available so cheaply or conveniently.

Once you have the ham history, then you can start exploring where it fits into the rest of electronic/radio history. Whether it was simply implementing something discovered elsewhere, or had impact on society beyond ham radio.

And you might want to dig up an article by John W. Campbell (yes the legendary editor of Astounding/Analog SF magazine) who was a ham and once upon a time wrote some technical articles for CQ. He once wrote an article about "How to be an Amateur" pointing out some of the benefits hams have to innovate for the simple reason that they aren't bound by corporations. I think it was published in an early issue of 73, and then reprinted once or twice. 1971 comes to mind.

Micahel VE2BVW

1264. Re: 5 simple steps for better ham radio.

Newsgroup: rec.radio.amateur.space
Date: 2000-05-12 00:00:00 UTC
From: "R.L. Tannehill, P.E." <rickw7rt@mail.firstinter.net>
Message-ID: <391C655B.8FB@mail.firstinter.net>
Source record: 9491
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Wouff Hong wrote:
>
> Step 1: No more automatic renewals. Individuals must retest and
> pass all elements required for their license class.
>
> Step 2: The passing score for written exams should be 90% not 70%
>
> Step 3: Two code elements, 13 wpm for General and 20 wpm for Extra.
>
> Step 4: No-code license should be one year non-renewable.
>
> Step 5: Remove negative influences by disbanding the ARRL.

Step 6: Ban all licensees under age 50

Step 7: Give away all ham frequencies which are now underused

Step 8: FCC declares the Amateur Radio Service closed

>
> wouff hong
Rick T. W7RT

1265. Re: 5 simple steps for better ham radio.

Newsgroup: rec.radio.amateur.space
Date: 2000-05-12 00:00:00 UTC
From: horseshoestew@my-deja.com
Message-ID: <8fhqlb$p2r$1@nnrp1.deja.com>
Source record: 9492
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

In article <391C655B.8FB@mail.firstinter.net>,
rickw7rt@firstinter.net wrote:
> Wouff Hong wrote:
> >
> > Step 1: No more automatic renewals. Individuals must retest and
> > pass all elements required for their license class.
> >
> > Step 2: The passing score for written exams should be 90% not 70%
> >
> > Step 3: Two code elements, 13 wpm for General and 20 wpm for Extra.
> >
> > Step 4: No-code license should be one year non-renewable.
> >
> > Step 5: Remove negative influences by disbanding the ARRL.
>
> Step 6: Ban all licensees under age 50
>
> Step 7: Give away all ham frequencies which are now underused
>
> Step 8: FCC declares the Amateur Radio Service closed

Hooray! Now we can all get a life!
> >
> > wouff hong
> Rick T. W7RT

Stewart - N0MHS
>

Sent via Deja.com http://www.deja.com/
Before you buy.

1266. Re: 5 simple steps for better ham radio.

Newsgroup: rec.radio.amateur.space
Date: 2000-05-12 00:00:00 UTC
From: W4CSC@lostonthe.net
Message-ID: <934A2434D060EB1F.30EC2E8C1F862F41.529FAA88B7301F84@lp.airnews.net>
Source record: 9493
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

On Fri, 12 May 2000 17:03:19 GMT, integrity@arrl.sucks.org (Wouff Hong) wrote:

>
>Step 1: No more automatic renewals. Individuals must retest and
> pass all elements required for their license class.
>
>Step 2: The passing score for written exams should be 90% not 70%
>
>Step 3: Two code elements, 13 wpm for General and 20 wpm for Extra.
>
>Step 4: No-code license should be one year non-renewable.
>
>Step 5: Remove negative influences by disbanding the ARRL.
>
Step 6: Applicant must be certified sane by a licensed Psychiatrist.

Step 7: Anyone with a violent history, negative attitude, road rage is not eligible for renewal.

Step 8: Anyone convicted of DOTA (Drunk On The Air) is not eligible for renewal.

1267. Re: 5 simple steps for better ham radio.

Newsgroup: rec.radio.amateur.space
Date: 2000-05-12 00:00:00 UTC
From: vlfiscus@mcn.net
Message-ID: <shoukil5kcp60@corp.supernews.com>
Source record: 9494
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

hey, you stole my comments from a letter to the FCC. Next time come up
with your own improvements.

kb7adl

integrity@arrl.sucks.org (Wouff Hong) wrote in <anti.arrl@arrl.sucks.org>:

>
>Step 1: No more automatic renewals. Individuals must retest and
> pass all elements required for their license class.
>
>Step 2: The passing score for written exams should be 90% not 70%
>
>Step 3: Two code elements, 13 wpm for General and 20 wpm for Extra.
>
>Step 4: No-code license should be one year non-renewable.
>
>Step 5: Remove negative influences by disbanding the ARRL.
>
>
>wouff hong
>
>
>
>

1268. Re: 5 simple steps for better ham radio.

Newsgroup: rec.radio.amateur.space
Date: 2000-05-12 00:00:00 UTC
From: glc1173@aol.com
Message-ID: <20000512181506.16827.00002377@ng-fz1.aol.com>
Source record: 9495
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave
Body handling: HTML body converted to readable text

Wouff Hong wrote:
>5 simple steps for better ham radio.
>Step 1: No more automatic renewals. >Individuals must retest and
> pass all elements required for their >license class.

Want to guarantee the economic end of ham radio? Because if a hobby becomes
a chore, people will defect in large numbers to the Internet, etc. - and no
manufacturers will remain to provide either new gear nor a lobbying base.
The present licensing system anticipates that those licensed will know
enough to stay out of trouble in whatever "specialty" they gravitate to - like
the wife of a ham who just uses two meters to keep in touch with him.
We don't even require that kind of licensing for drivers or lawyers.
~~~~~~~~~~~~~~~~~~~~
Dissident news - plus immigration, gun rights, nationwide weather
Al Gore - in his own words
ALAMANCE INDEPENDENT:
official newspaper of the Vast Right Wing Conspiracy
~~~~~~~~~~~~~~~~~~~~

1269. Re: Question: Innovation in Amateur Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-05-12 00:00:00 UTC
From: Gerd Henjes <ghenjes1@twcny.rr.com>
Message-ID: <vN%S4.3894$ux.289698@typhoon.nyroc.rr.com>
Source record: 9496
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.homebrew,rec.radio.amateur.space,rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.amateur.dx,rec.radio.amateur.antenna

Are you a late bloomer Kevin? Gerd, W2ISB

"Kevin McQuiggin" <mcquiggi@sfu.ca> wrote in message
news:391C479A.ED335B9A@sfu.ca...
> Hi Folks:
>
> I've been licenced for 23 years, currently VE7ZD, and am in graduate
> school up here near Vancouver, BC.

1270. Re: 5 simple steps for better ham radio.

Newsgroup: rec.radio.amateur.space
Date: 2000-05-12 00:00:00 UTC
From: Bill Fairbanks <BILLFAIRBANKS@worldnet.att.net>
Message-ID: <01bfbd2e$8fcec020$3c10460c@default>
Source record: 9497
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

You sir, are an idiot

73 Bill
KG4GXS

1271. Re: 5 simple steps for better ham radio.

Newsgroup: rec.radio.amateur.space
Date: 2000-05-12 00:00:00 UTC
From: great horneytoads! <bluetel@aol.com>
Message-ID: <nJ0T4.55930$g4.1554581@newsread2.prod.itd.earthlink.net>
Source record: 9498
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

WE TRIED THIS ONCE ALREADY SPORT.

IN 1965-67

IT WAS CALLED "INCENTIVE LICENCING"

IT WAS A MONMUNTAL DISASTER FROM WHICH WE
HAVE NEVER RECOVERED.

Wouff Hong <integrity@arrl.sucks.org> wrote in message
news:anti.arrl@arrl.sucks.org...
>
> Step 1: No more automatic renewals. Individuals must retest and
> pass all elements required for their license class.
>
> Step 2: The passing score for written exams should be 90% not 70%
>
> Step 3: Two code elements, 13 wpm for General and 20 wpm for Extra.
>
> Step 4: No-code license should be one year non-renewable.
>
> Step 5: Remove negative influences by disbanding the ARRL.
>
>
> wouff hong
>
>
>
>

1272. Re: 5 simple steps for better ham radio.

Newsgroup: rec.radio.amateur.space
Date: 2000-05-13 00:00:00 UTC
From: horseshoestew@my-deja.com
Message-ID: <8fi84r$7t0$1@nnrp1.deja.com>
Source record: 9406
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

In article <etd0A2Gv$GA.306@cpmsnbbsa04>,
"Sycho_Graphics" <Sycho_Graphics@email.msn.com> wrote:
> News Flash: New technologies will solve ham radio problems for
everyone
> like it or not. FCC Licensing to use a consumer product like a ham
radio is
> stupid, counter productive stifles innovation and keeps prices for
gear
> artificially high. These FCC rules and regulations are ALL showing
their age
> and the world is changing way too fast for antiquated systems.
>
> Personally, I use a real neat device called a cellular phone for most
things
> no license, no testing required I figured out how to use it all by my
self.

You also pay thru the snout for that service.

It sounds like you aren't really intersted in learning the technical
details of radios. I don't think ham radio is for you.

But if we start setting up hi-speed digital wireless communications
networks - are you going to change your tune?

> :)

Stewart - N0MHS

Sent via Deja.com http://www.deja.com/
Before you buy.

1273. Re: 5 simple steps for better ham radio.

Newsgroup: rec.radio.amateur.space
Date: 2000-05-13 00:00:00 UTC
From: jeffreyh@Hawaii.Edu
Message-ID: <8fi978$4on$1@news.hawaii.edu>
Source record: 9407
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Kim W5TIT <kw5tit@hotmail.com> wrote:
>Wow, did anyone happen to look up Wouff Hong on Altavista? Maybe it's not
>anything new to you oldtimers. But, for the newer folks or those who don't
>know...

An even worse instrument of torture used on lids is the Rettysnitch.
Go to www.qsl.net/ae0q/rsnitch.htm and be thankful present-day OTs
are more forgiving than those who laid the foundation of our hobby...

73, Jeff KH6O

1274. Re: Question: Innovation in Amateur Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-05-13 00:00:00 UTC
From: n7ws@arrl.net
Message-ID: <391ca9c9.125484864@news.azstarnet.com>
Source record: 9408
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.homebrew,rec.radio.amateur.space,rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.amateur.dx,rec.radio.amateur.antenna

On 12 May 2000 18:41:38 GMT, glass2@glass2.lexington.ibm.com wrote:

>In <391C479A.ED335B9A@sfu.ca>, Kevin McQuiggin <mcquiggi@sfu.ca> writes:
>>Hi Folks:
>>
>>I've been licenced for 23 years, currently VE7ZD, and am in graduate
>>school up here near Vancouver, BC.
>>
>>I'm researching amateur radio and its history. I'm specifically
>>interested in inventions, discoveries, or techniques that were developed
>>within amateur radio and later spread to the electronics industry.
>>Similarly, some of our operating techniques and procedures were later
>>widely adopted by other services.

Marconi was an amateur.

N7WS

1275. Re: 5 simple steps for better ham radio.

Newsgroup: rec.radio.amateur.space
Date: 2000-05-13 00:00:00 UTC
From: wf3h@ptd.net
Message-ID: <391cc22c.105342492@news.ptd.net>
Source record: 9409
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

On 12 May 2000 17:49:56 GMT, "Kim W5TIT" <kw5tit@hotmail.com> wrote:

>Wow, did anyone happen to look up Wouff Hong on Altavista? Maybe it's not
>anything new to you oldtimers. But, for the newer folks or those who don't
>know...
>

saw a picture in QST of riley hollingsworth holding a wouff hong...

1276. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-05-13 00:00:00 UTC
From: konstans@oneleven.net
Message-ID: <391cc560.433707286@nntp.one-eleven.net>
Source record: 9410
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc

On Fri, 12 May 2000 13:42:07 GMT, General Mark Morgan
<one.big.asshole@ahole.com> wrote:

>Hey idiot, do you think you are the only one in this world with the
>name of Mark Morgan! Did GOD reserve that name just for you? Are
>you a General in the armed forces? Help me out on this one will ya
>Mark.....

Given that you are using a ficticous address to post
infalmitory material, the same as another fake poster and that yin one
of your messages you Quote the FCC database on MY license. Frankly
I'll take you as a trouble maker and fraud till proven otherwise

Are you a General? I don't think so

As to wether the Gods reservsed the name for me is an issue
that I will not address, but the FCC has reservsed a license for me,
which I question YOUR intent in posting details about it

>
>Mark Morgan wrote:
>>
>> What was you point in posting this General Morgan
>>
>> Amusing how with other saying that I Mark Morgan, holder of
>> the license KB9RQZ, lack credibilty you insist on trying to assmue my
>> name and ID
>>
>> Mark Morgan
>> KB9RQZ
>>
>> On Mon, 08 May 2000 13:58:54 GMT, General Mark Morgan
>> <one.big.asshole@ahole.com> wrote:
>>
>> >Is this MARK.....
>> >
>> >
>> >
>> > Callsign Results [ULS DATABASE]
>> >
>> >
>> > Callsign File Number Applicant Type
>> >Service
>> > KB9RQZ 9711128976

>> >I HA
>> >
>> > Licensee Name Address PO Box
>> >City
>> > MORGAN, MARK C 221
>> >ILLIOPOLIS
>> >
>> > State Zip Grant Date
>> >Expire Date
>> > IL 652390221 Nov 12, 1997 Nov
>> >12, 2007
>> >
>> > NEPA Flag Trustee License ID
>> >Previous Callsign
>> >
>> >
>> >Operator Class
>> >
>> >T
>> >
>> > Group Previous Operator Class
>> >Eligibility Code Trustee Ind
>> > D
>> > Trustee_license_id
>> >
>> >
>> >
>> >
>> >Mark Morgan wrote:
>> >>
>> >> On 7 May 2000 06:21:25 -0700, FredJ@aol.com wrote:
>> >>
>> >> >But, of course, restructuring has taken care of the "Old Fart" problem, so this
>> >> >is no longer an issue. The "new blood" will be flocking in droves to the door
>> >> >very soon now. Stop worrying. It's all taken care of.
>> >>
>> >> I wish that were the case, but considering the fact that
>> >> basicaly few beyond the ranks of ourselfs the existing pool of hams
>> >> KNOWS of the changes means that it is hard for them have much long
>> >> term effect
>> >> >
>> >> >In article <qo69hskqccdm1f3qp7cn7fj95od3auhv4m@4ax.com>, Glen says...
>> >> >>
>> >> >>ac6v <ac6v@ix.netcom.com> wrote:
>> >> >>
>> >> >>>Huh -- as of April 2000 there are 678,539 US Hams
>> >> >>>(http://www.speroni.com/FCC/Licenses.html)
>> >> >>>In 1992 there were 524,782 US Hams (RAC CALLBOOK)
>> >> >>
>> >> >>This does not allow for the effects of the change to the ten year

>> >> >>license. It also does NOT show how many hams are inactive. Check the
>> >> >>stats for the ages of hams, and you'll find that the ham population is
>> >> >>mainly Old Farts. We're not getting nearly enough new blood to keep the
>> >> >>hobby vital.
>> >> >>--
>> >> >>glenq@cyberhighway.net
>> >> >>WB7DOW
>> >> >>
>> >> >>http://www.cyberhighway.net/~glenq/
>> >> >

1277. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-05-13 00:00:00 UTC
From: konstans@oneleven.net
Message-ID: <391cc69f.434026541@nntp.one-eleven.net>
Source record: 9411
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc

Again the question stands why are quoting the details of MY
LICENSE in your post?

Mark Morgan
KB9RQZ

On Mon, 08 May 2000 13:58:54 GMT, General Mark Morgan
<one.big.asshole@ahole.com> wrote:

>Is this MARK.....
>
>
>
> Callsign Results [ULS DATABASE]
>
>
> Callsign File Number Applicant Type
>Service
> KB9RQZ 9711128976
>I HA
>
> Licensee Name Address PO Box
>City
> MORGAN, MARK C 221
>ILLIOPOLIS
>
> State Zip Grant Date
>Expire Date
> IL 652390221 Nov 12, 1997 Nov
>12, 2007
>
> NEPA Flag Trustee License ID
>Previous Callsign
>
>
>Operator Class
>
>T
>
> Group Previous Operator Class
>Eligibility Code Trustee Ind
> D
> Trustee_license_id

>
>
>
>
>Mark Morgan wrote:
>>
>> On 7 May 2000 06:21:25 -0700, FredJ@aol.com wrote:
>>
>> >But, of course, restructuring has taken care of the "Old Fart" problem, so this
>> >is no longer an issue. The "new blood" will be flocking in droves to the door
>> >very soon now. Stop worrying. It's all taken care of.
>>
>> I wish that were the case, but considering the fact that
>> basicaly few beyond the ranks of ourselfs the existing pool of hams
>> KNOWS of the changes means that it is hard for them have much long
>> term effect
>> >
>> >In article <qo69hskqccdm1f3qp7cn7fj95od3auhv4m@4ax.com>, Glen says...
>> >>
>> >>ac6v <ac6v@ix.netcom.com> wrote:
>> >>
>> >>>Huh -- as of April 2000 there are 678,539 US Hams
>> >>>(http://www.speroni.com/FCC/Licenses.html)
>> >>>In 1992 there were 524,782 US Hams (RAC CALLBOOK)
>> >>
>> >>This does not allow for the effects of the change to the ten year
>> >>license. It also does NOT show how many hams are inactive. Check the
>> >>stats for the ages of hams, and you'll find that the ham population is
>> >>mainly Old Farts. We're not getting nearly enough new blood to keep the
>> >>hobby vital.
>> >>--
>> >>glenq@cyberhighway.net
>> >>WB7DOW
>> >>
>> >>http://www.cyberhighway.net/~glenq/
>> >

1278. Re: 5 simple steps for better ham radio.

Newsgroup: rec.radio.amateur.space
Date: 2000-05-13 00:00:00 UTC
From: konstans@oneleven.net
Message-ID: <391cc742.434188796@nntp.one-eleven.net>
Source record: 9412
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Better Ham radio or simply dead Ham radio

On Fri, 12 May 2000 17:03:19 GMT, integrity@arrl.sucks.org (Wouff
Hong) wrote:

>
>Step 1: No more automatic renewals. Individuals must retest and
> pass all elements required for their license class.

Not a bad idea
>
>Step 2: The passing score for written exams should be 90% not 70%

Why?
>
>Step 3: Two code elements, 13 wpm for General and 20 wpm for Extra.

I do hope you are not holding your breath on that
>
>Step 4: No-code license should be one year non-renewable.

Why?
>
>Step 5: Remove negative influences by disbanding the ARRL.
>
>
>wouff hong
>
>
>
>

1279. Re: Question about rec.radio.amateur.space NG

Newsgroup: rec.radio.amateur.space
Date: 2000-05-13 00:00:00 UTC
From: TomR@astro.net
Message-ID: <391cd2e9.215202473@news.idsi.net>
Source record: 9413

On Fri, 12 May 2000 22:55:45 -0400, Joe Leikhim
<jleikhim@nettally.com> wrote:

>Is this NG about Amateur Radio operations in space and Amateur Radio
>satellites? I am confused as there seems to be a lot of unrelated stuff
>here.

Sometimes stuff gets cross posted from other groups. Some people
don't pay attention to attributes unfortunately. Just ignore what's
not relevant or filter that stuff out.

73,
Tom - KB2SMS

>--
>Joe Leikhim K4SAT
>Jleikhim@nettally.com
>
>"tv dinner by the pool,
>i'm so glad i finished school" -F.Zappa 1967
>
>"The Revolution will NOT be televised" -Gil Scott Heron
>
>Dopeler effect: The tendency of stupid ideas to seem smarter when they
>come
>at you rapidly.
>
>

1280. Re: 5 simple steps for better ham radio.

Newsgroup: rec.radio.amateur.space
Date: 2000-05-13 00:00:00 UTC
From: mark_little_aus@my-deja.com
Message-ID: <8fisegsrm1@nnrp1.deja.com>
Source record: 9414
Cross-posted to: rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.scanner

In article <07ac6448.1465b2e1@usw-ex0105-040.remarq.com>,
PreCool <precoolNOprSPAM@email.com.invalid> wrote:

> Stupidity isn't
> the problem. Lack of character is.
>
> So, a hard test isn't the answer. What we now have are a lot of
> inteligent asses.
>
> What is the answer. Enforcement, policing our own bands *with*
> FCC support, Inovation and change so to attract quality people.
> What do you think?

I agree. The problems evident on the bands arising from a lack of knowledge and expereience are insignificant compared to the problems caused by people who know, or should know, better.

I haven't seen any statistics where there is any indication that the higher the licence grade, the lower the problem per licencee group. I must admit that I did this about 4~5 years ago and more recent surveys may indicated otherwise. I seem to recall somewhere that the FCC took a similar view in relation to some aspects of the licence grades in the recent discussions about licence testing, but I'm happy to be corrected if my recollection is incorrect.

As to innovation and change being required to attact new Amateurs, I think that even without any change, it would be possible to attract good quality Amateurs with more effective promotion of the hobby. Of course, critically assessing and modifying the existing regulations and attitudes won't hurt either.

Mark.

Sent via Deja.com http://www.deja.com/
Before you buy.

1281. Re: 5 simple steps for better ham radio.

Newsgroup: rec.radio.amateur.space
Date: 2000-05-13 00:00:00 UTC
From: mark_little_aus@my-deja.com
Message-ID: <8fitajtgf1@nnrp1.deja.com>
Source record: 9415
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

In article <391C08C5.2F282558@bctv.com>,
kw@bctv.com wrote:
>
>
> Why should we listen to a poster who calls itself "integrity" but
won't
> give a real email address?

Are you intending to send him/her a private email? Perhaps that's why
he/she don't give one. ;-)

More seriously though, when I post with my home email address, I get
heaps of crap from organisations that skim the addresses. I just delete
them, but that sort of thing really bugs some people. I don't even look
to see if mail comes the mj-deja.com address, so I don't care how many
times it gets picked up.

I think that the ideas presented by a poster either have merit, or
don't. A valid email address doesn't make it any more sensible if it is
stupid or any less credible if it is well thought out.

Having said that, using "Integrity" does seem a triffle pretentious to
me. :-)

Mark.

Sent via Deja.com http://www.deja.com/
Before you buy.

1282. Re: 5 simple steps for better ham radio. (Why should I care?)

Newsgroup: rec.radio.amateur.space
Date: 2000-05-13 00:00:00 UTC
From: Sycho_Graphics <Sycho_Graphics@email.msn.com>
Message-ID: <#c6bPQKv$GA.351@cpmsnbbsa04>
Source record: 9416
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

WOW, what an eloquent response. Is "73" your age or IQ grandpa?

To the other posters who replied, count me in on high speed, high bandwidth networks but I'm not holding my breath. As far as cell phone rates go they are constantly dropping (due to COMPETITION and a broad base of users) and in many cases they rival land line costs. I pay less than .07 cents per minute with Long Distance service included at peak times and I am positive that will be .05 by year end. Further, many big business users do even better than that.

I have nothing against HAMS but from my personal experiences as a newbie to the hobby (less than 2 years) is that there is not a whole lot of hobby left. Just a bunch of OLD FARTS reminiscing about the golden glory years (1960?, 1950?, 1930? what are the glory years). Guys move on, get over it time and technology march on. I go to local shows and it's the same thing, each show has a small number of exhibitor booths manned by guys who have ZERO people / marketing skills. These guys stand in front of what appear to be high school science projects gone wrong handing out literature that was embarrassing 10 -15 years ago. I see young people and potential HAMS walk the show floors and leave because these same OLD FARTS are busy bullshitting with each other and don't do anything to appeal to a younger more educated, sophisticated users.

Most are bunch of mom and pop companies selling crap they assembled in their garage and pass off as "state of the art equipment" circa what year 1959? Software with so many bugs that most are unusable, many still being written in DOS??? Trade Magazines that are riddled with self promotion, substandard copy, and the worst layouts and ads I have ever seen. I wonder if any of these "publishers" ever hear of QUARK, PAGEMAKER, INDESIGN? Shit, I can't believe my eyes is it really 2000?

So I ask you as a potential member to your beloved HAM community why should I care what happens to it. I have fun with my scanners, especially my AOR 8K, my FRS radios, and my computers! I love to tinker with an learn about electronics and mechanical things but even with an outside antenna on my roof in a major city I barely scan any HAM radio transmissions. Sorry, guys your hobby is not dying its in full fledged cardiac arrest :)

"Bill Fairbanks" <BILLFAIRBANKS@worldnet.att.net> wrote in message
news:01bfbd2e$8fcec020$3c10460c@default...
> You sir, are an idiot
>
> 73 Bill
> KG4GXS

1283. Re: 5 simple steps for better ham radio.

Newsgroup: rec.radio.amateur.space
Date: 2000-05-13 00:00:00 UTC
From: bigdaddyking <bigdaddyking@my-deja.com>
Message-ID: <8fivhp$vp8$1@nnrp1.deja.com>
Source record: 9417
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

In article <anti.arrl@arrl.sucks.org>,
integrity@arrl.sucks.org (Wouff Hong) wrote:
>
> Step 1: No more automatic renewals. Individuals must retest and
> pass all elements required for their license class.

>>>Ok,I'll go along with that.
>
> Step 2: The passing score for written exams should be 90% not 70%

>>>>>Sure,it's too easy..

> Step 3: Two code elements, 13 wpm for General and 20 wpm for Extra.

>>>>AW,you had to screw it up!You were doing so well!And then you had to
lose your mind!

> Step 4: No-code license should be one year non-renewable.

>>>>>They ALL should be no code!
>
> Step 5: Remove negative influences by disbanding the ARRL.

>>>Well,since they were DEFENDERS of your beloved code for theor
entire existence,why stab them in the back now.You should JOIN them...
>
> wouff hong
>
>>>>Love the name,hate a couple of the ideas,though..

BDK

Sent via Deja.com http://www.deja.com/
Before you buy.

1284. Re: 5 simple steps for better ham radio.

Newsgroup: rec.radio.amateur.space
Date: 2000-05-13 00:00:00 UTC
From: "Clint \"Rattlehead\"" <rattlehead@computron.net.X>
Message-ID: <391CFC17.51B1@computron.net.X>
Source record: 9418
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

W6RCecilA wrote:
>
> Wouff Hong wrote:
> >
> > Step 1: No more automatic renewals. Individuals must retest and
> > pass all elements required for their license class.
> >
> > Step 2: The passing score for written exams should be 90% not 70%
> >
> > Step 3: Two code elements, 13 wpm for General and 20 wpm for Extra.
> >
> > Step 4: No-code license should be one year non-renewable.
> >
> > Step 5: Remove negative influences by disbanding the ARRL.
>
> Step 6: Kiss the Amateur Radio Service goodby.
> --
> 73, Cecil, W6RCA http://www.mindspring.com/~w6rca

Thank heavens Wouff Hong is just a wild radical with innane ideas that aren't taken seriously by anybody that actually has decision making powers in these manners... most importantly you can give up on #5. I must agree with cecil; if your goal was to annihilate the amatuer radio service, that agenda will surely do it.

1285. m2 egg beaters

Newsgroup: rec.radio.amateur.space
Date: 2000-05-13 00:00:00 UTC
From: "Larry D. Clark" <buddycl@swbell.net>
Message-ID: <391CFD6F.F67F2C64@swbell.net>
Source record: 9419

hi

anyone out there care to share their experiences
with the m2 eggbeaters for 2m/70cm used to work
the leo sats? either good or bad are welcome.

tnx

larry
kd5foy
em12

1286. Re: 5 simple steps for better ham radio.

Newsgroup: rec.radio.amateur.space
Date: 2000-05-13 00:00:00 UTC
From: mark_little_aus@my-deja.com
Message-ID: <8fj1o7$322$1@nnrp1.deja.com>
Source record: 9420
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

In article <anti.arrl@arrl.sucks.org>,
integrity@arrl.sucks.org (Wouff Hong) wrote:
>
> Step 1: No more automatic renewals. Individuals must retest and
> pass all elements required for their license class.

Well, that would certainly remove a slab of people, I would expect, but for what purpose? Can you demonstrate a need to do this? If not, it serves no practical purpose. You would need to provide pretty bullet proof reasons because the legal costs, logistical overhead and costs involved would be enormous. I doubt any outsider to Amateur Radio, such as the regulatory authorities, could be convinced that this served any useful purpose.

> Step 2: The passing score for written exams should be 90% not 70%

Such levels are arbitary and would probably be the easiest to implement IF you can show that there is a practical requirement for it. By that I mean you would need to demonstrate that there would be a noticeable outcome on the Amateur bands. I suspect that you would be hard pressed to provide it.

> Step 3: Two code elements, 13 wpm for General and 20 wpm for Extra.

For what purpose? Morse is not mandatory, nor does it play any significant part in SAR or other community service operations. Again, you would need to provide some evidence that this provided something that could be explained to the govermental bodies administering the rules. Clearly they recently could not find any linkage between Morse speed and appropriate operating practices, so I think this one is also a "non-starter". Given the recent changes, a reversal would create an administrative nightmare that any bureaucrat would run a mile from.

> Step 4: No-code license should be one year non-renewable.

See comments on steps 1 & 3. Unless you can demonstrate the gains this would bring (to the regulatory authority), this is also a "dead duck".

> Step 5: Remove negative influences by disbanding the ARRL.

Tsk, tsk. I doubt you could ever do this (disband the ARRL). I'm not up on the US constituition, but I'd be very suprised if it didn't have a freedom of association clause somewhere. But, assuming that it didn't, what mechanism would you use to prevent people from joining an organisation on a voluntary basis? Not only is this horse dead, it has long since decayed.

0 out of 5 for practical suggestions, I'm afraid.

Mark.

Sent via Deja.com http://www.deja.com/
Before you buy.

1287. Re: 5 simple steps for better ham radio.

Newsgroup: rec.radio.amateur.space
Date: 2000-05-13 00:00:00 UTC
From: Dwight Stewart <stewartx@sccoast.net>
Message-ID: <391D3927.B55731@sccoast.net>
Source record: 9421
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

"great horneytoads!" wrote:
>
> It's already gone Cecil. Ham radio is literally dying.
> Average age for hams is 68 Yrs old.
> Your correct above, and ham radio WILL be DEAD
> by 2015. <snip>

Myth! Ham radio has never been a young person's hobby. Look back over the magazines printed decades ago - the pictures show a lot of older faces (and very few young ones).

Dwight Stewart W5NET

1288. Re: 5 simple steps for better ham radio. (Why should I care?)

Newsgroup: rec.radio.amateur.space
Date: 2000-05-13 00:00:00 UTC
From: Dwight Stewart <stewartx@sccoast.net>
Message-ID: <391D3B9E.DF77CA79@sccoast.net>
Source record: 9422
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

Sycho_Graphics wrote:
>
> So I ask you as a potential member to your beloved HAM community why should
> I care what happens to it. I have fun with my scanners, especially my AOR
> 8K, my FRS radios, and my computers! I love to tinker with an learn about
> electronics and mechanical things but even with an outside antenna on my
> roof in a major city I barely scan any HAM radio transmissions. Sorry, guys
> your hobby is not dying its in full fledged cardiac arrest :)

Well, to be perfectly honest, I don't think you ever will be
interested in ham radio. You're too caught up in "whats new." You
can't turn your head away from the 'whats new" ads long enough to see
the advantages of what is already out there. Keep your blinders on,
don't try to see the advantages of ham radio, and you'll be just fine.

Dwight Stewart W5NET

1289. Re: 5 simple steps for better ham radio.

Newsgroup: rec.radio.amateur.space
Date: 2000-05-13 00:00:00 UTC
From: great horneytoads! <bluetel@aol.com>
Message-ID: <lmbT4.54724$x4.1868888@newsread1.prod.itd.earthlink.net>
Source record: 9423
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Dwight Stewart <stewartx@sccoast.net> wrote in message
news:391D3927.B55731@sccoast.net...
>
>
> "great horneytoads!" wrote:
> >
> > It's already gone Cecil. Ham radio is literally dying.
> > Average age for hams is 68 Yrs old.
> > Your correct above, and ham radio WILL be DEAD
> > by 2015. <snip>
>
>
> Myth! Ham radio has never been a young person's hobby. Look back
> over the magazines printed decades ago - the pictures show a lot of
> older faces (and very few young ones).

Correct DFwight, HOWEVER where you data needs to be
revised is found in the new licence applications. Their almost
zero. Number of Generals and Advanced calls dropping out
or not renewing: up 15%. Read Wayne's editorials in 73. He is
right I am afraid. FCC official figures and trends bear out a
stead decline in ham radio for the next 5 years, then an exponential
drop to 2015. (assuming historical baseline statistics and plotted trends)
I wish it were otherwise too, but what young person, meaning DROVES
of young persons want to spend ups of a thousand of dollars, take a
test on arcane theory, (worse yet...)-->code....just to talk to a bunch
of old men on HF, who double 6 times out of 10 when they transmit
and don't even realize it? (listen to 40 any time during the day and see
what I mean) We are OBSOLETE Dwight, a curisoity, perhaps a
resource to some, but technically and operationally obsolete nonetheless.

1290. Re: Ham-Space Digest V2000 #122 (AbsentWise)

Newsgroup: rec.radio.amateur.space
Date: 2000-05-13 00:00:00 UTC
From: malcolm.andrew@aeat.co.UK
Message-ID: <s91d56c0.079@a-hgwd3.harwell.aeat.co.uk>
Source record: 9424

I am absent from 12 May 2000 until 19 May 2000. Please contact Duncan Mackay on 720 3388 or 01235 433388 if you need ungent help.

1291. Re: Question about rec.radio.amateur.space NG

Newsgroup: rec.radio.amateur.space
Date: 2000-05-13 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8hq123.6hd.nomail@linux.pe1chl.ampr.org>
Source record: 9425

Joe Leikhim <jleikhim@nettally.com> wrote:
>Is this NG about Amateur Radio operations in space and Amateur Radio
>satellites? I am confused as there seems to be a lot of unrelated stuff
>here.

- Filter (kill) everything that is posted to other groups, it is just the
usual discussion about CW, license policies, etc. Not useful to read.

- Try to filter "for sale/auction" posts. Those guys just won't get it.

What remains is usually somewhat related to amateur satellites, e.g.
discussions about equipment that is usually used with satellites. The
satellites themselves rarely are the topic.

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

1292. Re: 5 simple steps for better ham radio.

Newsgroup: rec.radio.amateur.space
Date: 2000-05-13 00:00:00 UTC
From: WW - KB9TMP <kb9tmp@my-deja.com>
Message-ID: <8fjpbh$q8r$1@nnrp1.deja.com>
Source record: 9426
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

In article <anti.arrl@arrl.sucks.org>,
integrity@arrl.sucks.org (Wouff Hong) wrote:
>
> Step 1: No more automatic renewals. Individuals must retest and
> pass all elements required for their license class.

That would be a royal pain which would mean fewer hams = BAD FOR ARS

>
> Step 2: The passing score for written exams should be 90% not 70%

Less hams would pass so again there would be fewer hams = BAD FOR ARS

>
> Step 3: Two code elements, 13 wpm for General and 20 wpm for Extra.

Code does not make you a good ham, more code = less hams = BAD FOR ARS

>
> Step 4: No-code license should be one year non-renewable.

Which would result in fewer hams totally = BAD FOR ARS

>
> Step 5: Remove negative influences by disbanding the ARRL.

So hams will have NO representation at all = BAD FOR ARS

wouff hong = BAD FOR ARS

Next time Wouff be a MAN, put your callsign and your REAL
name on your trolls! Hiding in the corner and shouting
insults is not how you win others over to "your side"!

>

--
'73' From KB9TMP

It is best not meddle in the affairs of dragons,
for you are crunchy and taste good with ketchup!

Sent via Deja.com http://www.deja.com/
Before you buy.

1293. Re: 5 simple steps for better ham radio.

Newsgroup: rec.radio.amateur.space
Date: 2000-05-13 00:00:00 UTC
From: Keith Wood <kw@bctv.com>
Message-ID: <391D3583.B10812F@bctv.com>
Source record: 9427
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

mark_little_aus@my-deja.com wrote:
>
> In article <391C08C5.2F282558@bctv.com>,
> kw@bctv.com wrote:
> >
> >
> > Why should we listen to a poster who calls itself "integrity" but
> won't
> > give a real email address?
>
> Are you intending to send him/her a private email? Perhaps that's why
> he/she don't give one. ;-)
>
> More seriously though, when I post with my home email address, I get
> heaps of crap from organisations that skim the addresses. I just delete
> them, but that sort of thing really bugs some people. I don't even look
> to see if mail comes the mj-deja.com address, so I don't care how many
> times it gets picked up.
>
> I think that the ideas presented by a poster either have merit, or
> don't. A valid email address doesn't make it any more sensible if it is
> stupid or any less credible if it is well thought out.
>
> Having said that, using "Integrity" does seem a triffle pretentious to
> me. :-)

I guess that depends on what "is" is.

1294. Re: 5 simple steps for better ham radio. (Why should I care?)

Newsgroup: rec.radio.amateur.space
Date: 2000-05-13 00:00:00 UTC
From: Lenny-t <lenny-t@worldnet.att.net>
Message-ID: <391D6F69.6ADB@worldnet.att.net>
Source record: 9428
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

Sycho_Graphics wrote:
>
> WOW, what an eloquent response. Is "73" your age or IQ grandpa?
>
----------<remainder of rant deleted >---------------

My goodness. What a boatload of inane crap from a self-proclaimed newbie! You should have started off your ravings with, "I don't know anything about it, but it seems to me....."

Looks like the first part of your ID fits you quite well despite the misspelling.

--
"A greyhound needs no fanfare." - Jean Boone 1917-1998

1295. Re: 5 simple steps for better ham radio. (Why should I care?)

Newsgroup: rec.radio.amateur.space
Date: 2000-05-13 00:00:00 UTC
From: "George W. White" <deeplyshrouded@yahoo.com>
Message-ID: <8fjsc9bem0@216.39.130.22>
Source record: 9429
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

Dwight Stewart wrote:

> Sycho_Graphics wrote:
> >
> > So I ask you as a potential member to your beloved HAM community why should
> > I care what happens to it. I have fun with my scanners, especially my AOR
> > 8K, my FRS radios, and my computers! I love to tinker with an learn about
> > electronics and mechanical things but even with an outside antenna on my
> > roof in a major city I barely scan any HAM radio transmissions. Sorry, guys
> > your hobby is not dying its in full fledged cardiac arrest :)
>
> Well, to be perfectly honest, I don't think you ever will be
> interested in ham radio. You're too caught up in "whats new." You
> can't turn your head away from the 'whats new" ads long enough to see
> the advantages of what is already out there. Keep your blinders on,
> don't try to see the advantages of ham radio, and you'll be just fine.
>
> Dwight Stewart W5NET

I tend to agree with you Dwight.
I'm not a ham and probobly never will be. Never had the discipline to learn code.
Sometimes, code can get through where voice can't.
Listening to some of the hams on my scanner talk about old times and what ham
radio
was back in the 30's 40's 50's 60's and 70's is a wonderful experience.
True, technology has changed. Where hams built radios, amplifiers, and antennas,
today's people are building computers, networks and whatnot.
Sometimes at a garage sale, I find an old shortwave receiver, with "8 transistor"
blazed on the front of it. Nowadays, it is all microchips and digital technology.
Newer hams with digital tuners can lock right onto a frequency.
They'll probobly never experiment with a <good God should I say it?>
old fashioned dial tuned radio with the little stick in a window showing you
what "frequency" you're on. Their loss.....
Many people depend on ham radio and don't even know it.
Storm chasers use ham radio.
What about natural disasters? Hams are usually the first to set up
an emergency network of radios to get messages through.
Remember when San Fransisco lost telephone service in many
neighborhoods as a result of the earthquake?
How about the current situation in Los Alamos New Mexico?
Hams are probobly getting traffic through, assisting law enforcement
and fire crews with communications. There is no substitute for experience.
Just my 2 cents worth....

--Deeply Shrouded & Quiet
--Diversi-Dial #49

1296. Re: 5 simple steps for better ham radio.

Newsgroup: rec.radio.amateur.space
Date: 2000-05-13 00:00:00 UTC
From: mark_little_aus@my-deja.com
Message-ID: <8fjvcpir1@nnrp1.deja.com>
Source record: 9430
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

In article <391D3583.B10812F@bctv.com>,
kw@bctv.com wrote:

> > I think that the ideas presented by a poster either have merit, or
> > don't. A valid email address doesn't make it any more sensible if it
is
> > stupid or any less credible if it is well thought out.
> >
> > Having said that, using "Integrity" does seem a triffle pretentious
to
> > me. :-)
>
> I guess that depends on what "is" is.

Sorry, That one went over my head.

Mark.

Sent via Deja.com http://www.deja.com/
Before you buy.

1297. Re: 5 simple steps for better ham radio.

Newsgroup: rec.radio.amateur.space
Date: 2000-05-13 00:00:00 UTC
From: John LeMay <jlemay@nospam.njmc.com>
Message-ID: <8fk01ijvg1@news.monmouth.com>
Source record: 9431
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

In article <anti.arrl@arrl.sucks.org>, integrity@arrl.sucks.org (Wouff Hong) wrote:
>
> Step 1: No more automatic renewals. Individuals must retest and
> pass all elements required for their license class.

Agree, but how often? Perhaps every 3-5 years a written exam would suffice.

>
> Step 2: The passing score for written exams should be 90% not 70%
>

I think 70% is a bit low, but I also think 90% is a bit high. Maybe 80%.

> Step 3: Two code elements, 13 wpm for General and 20 wpm for Extra.

Forget this one. Code will be gone as a requirement very soon. Don't get me wrong, I don't think this is necessarily a good thing.

> Step 4: No-code license should be one year non-renewable.

Bad. Very bad for the hobby. If someone is happy with the no-code license and what they are allowed to do with that license, let them keep it.

> Step 5: Remove negative influences by disbanding the ARRL.

No comment here.

--

To reply directly to my email address, please remove the "nospam." from the address shown. Sorry for the inconvenience!

1298. Re: 5 simple steps for better ham radio.

Newsgroup: rec.radio.amateur.space
Date: 2000-05-13 00:00:00 UTC
From: W5LZ <w5lz@oio.net>
Message-ID: <391D9C5B.5787B038@oio.net>
Source record: 9432
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Wouff Hong,
Hows this for a suggestion? Instead of doing away
with the CW testing, lets add testing in the other modes!
We could have CW testing, RTTY testing, SSB testing, SSTV
testing, PSK31 testing, FM testing, Packet testing, and???
That should settle this whole obsolete/antique/unused
misconception about the different 'modes'.
'Doc

1299. Re: 5 simple steps for better ham radio.

Newsgroup: rec.radio.amateur.space
Date: 2000-05-13 00:00:00 UTC
From: Blake Bowers <bbowers@townsqr.com>
Message-ID: <8fk7h7$7oh$0@63.162.247.87>
Source record: 9433
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

horseshoestew@my-deja.com wrote:

> But if we start setting up hi-speed digital wireless communications
> networks - are you going to change your tune?
>
The problem is, HAMS seem to consider 1200 and 9600 to be high speed.

We do 19.2 commercially all day long, old news.

1300. Re: 5 simple steps for better ham radio.

Newsgroup: rec.radio.amateur.space
Date: 2000-05-13 00:00:00 UTC
From: Blake Bowers <bbowers@townsqr.com>
Message-ID: <8fk7t1$99p$0@63.162.247.87>
Source record: 9434
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

John LeMay wrote:

> > Step 1: No more automatic renewals. Individuals must retest and
> > pass all elements required for their license class.
>
> Agree, but how often? Perhaps every 3-5 years a written exam would
> suffice.
>
What purpose would this serve?

I can understand retesting for say, a drivers license, as the loss
of those skills can kill someone. But retesting for HAM? Why?

> >
> > Step 2: The passing score for written exams should be 90% not 70%
> >
>
> I think 70% is a bit low, but I also think 90% is a bit high. Maybe 80%.
>

Who cares. What difference will it really make as long as there is some
level to achieve.

> > Step 3: Two code elements, 13 wpm for General and 20 wpm for Extra.
>
> Forget this one. Code will be gone as a requirement very soon. Don't get
> me wrong, I don't think this is necessarily a good thing.

Yep. Code killed this hobby. If it had been killed 20 years ago, the
hobby might still be viable, with the new blood it might have kept up.

>
> > Step 4: No-code license should be one year non-renewable.
>
> Bad. Very bad for the hobby. If someone is happy with the no-code license
> and what they are allowed to do with that license, let them keep it.
>

Agreed.

> > Step 5: Remove negative influences by disbanding the ARRL.
>
> No comment here.
>
I will comment. The publishing house called the ARRL is disbanding by
itself. Slowly, but surely. Why rush it.

1301. Re: 5 simple steps for better ham radio.

Newsgroup: rec.radio.amateur.space
Date: 2000-05-13 00:00:00 UTC
From: konstans@oneleven.net
Message-ID: <391db478.494920818@nntp.one-eleven.net>
Source record: 9435
Cross-posted to: rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.scanner

On Sat, 13 May 2000 06:24:25 GMT, mark_little_aus@my-deja.com wrote:

>In article <07ac6448.1465b2e1@usw-ex0105-040.remarq.com>,
> PreCool <precoolNOprSPAM@email.com.invalid> wrote:
>
>> Stupidity isn't
>> the problem. Lack of character is.
>>
>> So, a hard test isn't the answer. What we now have are a lot of
>> inteligent asses.
>>
>> What is the answer. Enforcement, policing our own bands *with*
>> FCC support, Inovation and change so to attract quality people.
>> What do you think?
>
>I agree. The problems evident on the bands arising from a lack of
>knowledge and expereience are insignificant compared to the problems
>caused by people who know, or should know, better.
>
>I haven't seen any statistics where there is any indication that the
>higher the licence grade, the lower the problem per licencee group. I
>must admit that I did this about 4~5 years ago and more recent surveys
>may indicated otherwise. I seem to recall somewhere that the FCC took a
>similar view in relation to some aspects of the licence grades in the
>recent discussions about licence testing, but I'm happy to be corrected
>if my recollection is incorrect.

Indeed It is my understanding that the Extra Class has
recieved more NALs by number than any other class, and the extra are
one of the smaller classes (but the only opne growing net besides the
Techs before restructuring)
>
>As to innovation and change being required to attact new Amateurs, I
>think that even without any change, it would be possible to attract good
>quality Amateurs with more effective promotion of the hobby. Of course,
>critically assessing and modifying the existing regulations and
>attitudes won't hurt either.

Indeed promtotion of the Hobby is the critical feature the
current changes are by and large unknown to the General Public, Indeed
the general public in my experence, if they know that CB and Ham radio
are different things, still don't know such things as the fact it has
been possible for the last ten years to obtain ANY license without
code testing (indeed I was amoug that group till 3 years ago

>
>
>
>Mark.
>
>
>Sent via Deja.com http://www.deja.com/
>Before you buy.

1302. Re: 5 simple steps for better ham radio.

Newsgroup: rec.radio.amateur.space
Date: 2000-05-13 00:00:00 UTC
From: konstans@oneleven.net
Message-ID: <391db5f2.495299030@nntp.one-eleven.net>
Source record: 9436
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

On Sat, 13 May 2000 07:54:51 GMT, mark_little_aus@my-deja.com wrote:

>> Step 5: Remove negative influences by disbanding the ARRL.
>
>Tsk, tsk. I doubt you could ever do this (disband the ARRL). I'm not up
>on the US constituition, but I'd be very suprised if it didn't have a
>freedom of association clause somewhere. But, assuming that it didn't,
>what mechanism would you use to prevent people from joining an
>organisation on a voluntary basis? Not only is this horse dead, it has
>long since decayed.

This IS just barely possible, but it would take declaring that
ARRL was on a worse level of threat to NATIONAL security than than was
the Comunist party during most of the Cold War or on the same level as
the Bund (American Nazi's during WW2) or the Japense Americans of the
same period

It can be done but what would be the point. The ARRL did not
make the recent changes, the FCC did.

Hope you take the correction in the sprit it was intended
>
>0 out of 5 for practical suggestions, I'm afraid.
>
>
>Mark.
>
>
>Sent via Deja.com http://www.deja.com/
>Before you buy.

1303. Re: 5 simple steps for better ham radio.

Newsgroup: rec.radio.amateur.space
Date: 2000-05-13 00:00:00 UTC
From: konstans@oneleven.net
Message-ID: <391db702.495571073@nntp.one-eleven.net>
Source record: 9437
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

On 13 May 2000 18:45:53 GMT, Blake Bowers <bbowers@townsqr.com> wrote:

>
>
>John LeMay wrote:
>
>> > Step 1: No more automatic renewals. Individuals must retest and
>> > pass all elements required for their license class.
>>
>> Agree, but how often? Perhaps every 3-5 years a written exam would
>> suffice.
>>
>What purpose would this serve?
>
>I can understand retesting for say, a drivers license, as the loss
>of those skills can kill someone. But retesting for HAM? Why?

gievn the ammount of change that occours in electronics etc
retesting in some form on our 10 year renewals would likely mean that
the current crop of Hams for example I know several Extras who do not
know the RF emissions rules as well as I do as a mere tech.

I think it would be an improvement, but we will see Liquid He
flowing through the street of Hell first
>
>> >
>> > Step 2: The passing score for written exams should be 90% not 70%
>> >
>>
>> I think 70% is a bit low, but I also think 90% is a bit high. Maybe 80%.
>>
>
>Who cares. What difference will it really make as long as there is some
>level to achieve.
>
>
>> > Step 3: Two code elements, 13 wpm for General and 20 wpm for Extra.
>>
>> Forget this one. Code will be gone as a requirement very soon. Don't get
>> me wrong, I don't think this is necessarily a good thing.
>
>Yep. Code killed this hobby. If it had been killed 20 years ago, the
>hobby might still be viable, with the new blood it might have kept up.

No code has not killed the hobby but its advocates sure seem
to be trying to kill it. The best case for NoCode is made by simply
looking at a creative minority of the ProCoders (creative minoroty a
large vocal visible group)

>
>
>>
>> > Step 4: No-code license should be one year non-renewable.
>>
>> Bad. Very bad for the hobby. If someone is happy with the no-code license
>> and what they are allowed to do with that license, let them keep it.
>>
>
>Agreed.
>
>
>> > Step 5: Remove negative influences by disbanding the ARRL.
>>
>> No comment here.
>>
>I will comment. The publishing house called the ARRL is disbanding by
>itself. Slowly, but surely. Why rush it.

1304. Re: 5 simple steps for better ham radio.

Newsgroup: rec.radio.amateur.space
Date: 2000-05-13 00:00:00 UTC
From: W6RCecilA <Cecil.A.Moore@IEEE.org>
Message-ID: <391DBB6F.741CED50@IEEE.org>
Source record: 9438
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

mark_little_aus@my-deja.com wrote:
>
> kw@bctv.com wrote:
> > I guess that depends on what "is" is.
>
> Sorry, That one went over my head.

You don't recognize Clinton's infamous statement?
--
73, Cecil, W6RCA http://www.mindspring.com/~w6rca

1305. antenna recommendation

Newsgroup: rec.radio.amateur.space
Date: 2000-05-13 00:00:00 UTC
From: "Larry D. Clark" <buddycl@swbell.net>
Message-ID: <391DCE9A.DBF311DC@swbell.net>
Source record: 9439
Cross-posted to: rec.radio.amateur.space,rec.radio.amateur.antenna

hi

i'd like to get into working the satellites in a big way.
can someone recommend a rotor/antenna setup that
has az/el & computer control and antennas for 2m & 70cm.

tnx

larry
kd5foy
em12

1306. Re: 5 simple steps for better ham radio.

Newsgroup: rec.radio.amateur.space
Date: 2000-05-13 00:00:00 UTC
From: Dwight Stewart <stewartx@sccoast.net>
Message-ID: <391E08B4.2DAC1D9@sccoast.net>
Source record: 9440
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

"great horneytoads!" wrote:
>
> We are OBSOLETE Dwight, a curisoity,
> perhaps a resource to some, but technically
> and operationally obsolete nonetheless.

Well, I guess I don't see the same ham radio that you see. In my ham world, there has never been a greater demand for ham operators by all kinds of groups wanting support for their communications system, or lack of communications system.

And I've seen plenty of interest. In fact, there is not a week that goes by that I don't have to take time to answer somebody's questions about ham radio.

In my area, the numbers of ham operators is growing. The license exam sessions are full. And the new license holders seem thrilled with this hobby.

I guess people see what they want to see. I see a bright future for ham radio, while you see its ultimate end. I guess only time will show who is right.

Dwight Stewart (W5NET)

1307. Re: 5 simple steps for better ham radio. (Why should I care?)

Newsgroup: rec.radio.amateur.space
Date: 2000-05-14 00:00:00 UTC
From: Sycho_Graphics <Sycho_Graphics@email.msn.com>
Message-ID: <ePm1Wybv$GA.321@cpmsnbbsa04>
Source record: 9349
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

TO: Lenny-t

Yes, I am a newbie so what? Am I not entitled to an opinion? I do know something about "it" because I actually tried to look for a reason and gave your "hobby" a chance and came to the same conclusion as many have. IT IS DEAD!

By the way idiot my ID is not misspell it is just the way I intended.

Thanks for making my point. I gave you my views of this "hobby" from my perspective as a newbie and as expected rather than give me a reason to join this hobby I get asshole comments like lenny-t's and dwight stewart with no substance or useful information. Kinda like the stuff I hear on my scanner when on HAM bands BLah, BLAH, BLAH, "I remember when, BLAH , BLAH , BLAH. If you guys can't even give me (a guy with exposure and experience looking for a reason to care) how the hell do you plan on "recruiting" newbies with no exposure or interest to HAM radio.

Oh, wait I guess you don't.

"Lenny-t" <lenny-t@worldnet.att.net> wrote in message news:391D6F69.6ADB@worldnet.att.net...
> Sycho_Graphics wrote:
> >
> > WOW, what an eloquent response. Is "73" your age or IQ grandpa?
> >
> ----------<remainder of rant deleted >---------------
>
> My goodness. What a boatload of inane crap from a self-proclaimed
> newbie! You should have started off your ravings with, "I don't know
> anything about it, but it seems to me....."
>
> Looks like the first part of your ID fits you quite well despite the
> misspelling.
>
> --
> "A greyhound needs no fanfare." - Jean Boone 1917-1998

1308. Re: Question: Innovation in Amateur Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-05-14 00:00:00 UTC
From: "Peter O. Brackett" <ab4bc@ix.netcom.com>
Message-ID: <8fmqco$g0k$1@slb7.atl.mindspring.net>
Source record: 9350
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.homebrew,rec.radio.amateur.space,rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.amateur.dx,rec.radio.amateur.antenna

Kevin:

More Re: Marconi the amateur.

I have in front of me here a hard cover book "The wireless experimenter's manual", by Elmer E. Bucher, Wireless Press, Inc. 1920, LCCN 20-5750, LC Call Number TK9946.B85. In the back of the book is a tear out page which is an application form to join "The National Amateur Wireless Association", the fee for joining is $2.50. The address for the Association is given as 326 Broadway, Room 301, New York.

The head of this Amateur Association is listed as: Gugliemo Marconi, President
There is a National Advisory Board of Vice Presidents listed, which includes: Prof. Arthur E. Kennely, Harvard, Prof. Alfred N. Goldsmith, College of the City of New York, etc...

The text on the application reads... "Join Now" You should be a member of the organization that is doing real things for the advancement of amateur radio. etc.... I could make a xerox copy of the application form and fax it to you if you wish.

In recent years we have such "amateurs" as...

Phil Karn KA9Q...

who almost single handedly introduced the Internet's TCP/IP protocol suite to the modern personal computer [IBM clones as opposed to the Unix based computers] by the release of his "KA9Q" TCP/IP "stack" as free ware. Many professional programmers had said that the base PC with the 8086 microcomputer and 640 K of memory could never support such a complicated communications stack and that only powerful Unix machines could do that! Well... Phil did it anyway and then...

This KA9Q "stack" was picked up and modified by many commercial interests and led to the exponential growth of TCP/IP on the PC platform, and made a very large contribution to the commercial growth of the Internet.

Peter K1PO

"Kevin McQuiggin" <mcquiggi@sfu.ca> wrote in message news:391C479A.ED335B9A@sfu.ca...
> Hi Folks:
>
> I've been licenced for 23 years, currently VE7ZD, and am in graduate

> school up here near Vancouver, BC.
>
> I'm researching amateur radio and its history. I'm specifically
> interested in inventions, discoveries, or techniques that were developed
> within amateur radio and later spread to the electronics industry.
> Similarly, some of our operating techniques and procedures were later
> widely adopted by other services.
>
> Hams operate outside of the structured environments within industry, and
> I think that this freedom has permitted us to invent and discover
> without being shackled by any policy issues, or possible stigmatism from
> investigating things that would be considered "too far out in left
> field" by management and non-ham co-workers.
>
> Examples would be the investigation of wavelengths below 200 meters,
> with the discovery by hams that such wavelengths were better for
> propagation than longer waves; packet radio; APRS; propagation studies
> that were undertaken in the 20s and 30s; facsimile; SSTV; and network
> operating techniques.
>
> Some of this stuff was regulated, such as the banishment of amateur
> radio to the "useless" wavelengths < 200 M, but this sort of proves my
> point. There's been lots of innovation within the hobby, and the general
> public now benefits from it.
>
> If anyone could provide me with more examples, or good books or articles
> on this topic, then that'd be great. Of course I'll give appropriate
> credit to those who assist!
>
> If you could email me as well as posting your reply, thanks. There's
> lots of traffic in these groups and I don't want to miss any replies.
>
> 73,
>
> Kevin VE7ZD
> mcquiggi@sfu.ca
>
>

1309. Re: 5 simple steps for better ham radio. (Why should I care?)

Newsgroup: rec.radio.amateur.space
Date: 2000-05-14 00:00:00 UTC
From: kelly@dvol.com
Message-ID: <391ee89a.153635198@news.dvol.com>
Source record: 9351
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

On Sat, 13 May 2000 02:23:26 -0400, "Sycho_Graphics"
<Sycho_Graphics@email.msn.com> wrote:
>
>
>So I ask you as a potential member to your beloved HAM community why should
>I care what happens to it. I have fun with my scanners, especially my AOR
>8K, my FRS radios, and my computers! I love to tinker with an learn about
>electronics and mechanical things but even with an outside antenna on my
>roof in a major city I barely scan any HAM radio transmissions. Sorry, guys
>your hobby is not dying its in full fledged cardiac arrest :)
>
Your "analysis" is right on the money. Ham radio just isn't for you.
Don't let the door hit you in the ass on your way back out to
Scannerville.
>
w3rv.

1310. Re: Question: Innovation in Amateur Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-05-14 00:00:00 UTC
From: jeffreyh@Hawaii.Edu
Message-ID: <8fmsk7$9et$1@news.hawaii.edu>
Source record: 9352
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.homebrew,rec.radio.amateur.space,rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.amateur.dx,rec.radio.amateur.antenna

Follow-ups set to just .misc...

<wd1v@amsat.org> wrote:
>The first amateur was Marconi

I'd think he fall into the "professional" catagory rather than
the "amateur" catagory. He had visions of $$$ in mind all the
while he was perfecting his apparatus. Note that his equipment
contained nothing original -- he utilized ideas and devices of
the legions of inventors who came before him. (For example, in
Blake's HISTORY OF RADIO TELEGRAPHY AND TELEPHONY, an encyclopeadia
of early wireless circuits, Marconi's apparatus isn't presented
until page 100 -- 99 pages of circuits and their descriptions
come before him.) We can thank him for putting all the pieces
together into a workable system.

73, Jeff KH6O

Follow-ups set to just .misc

1311. Re: 5 simple steps for better ham radio. (Why should I care?)

Newsgroup: rec.radio.amateur.space
Date: 2000-05-14 00:00:00 UTC
From: jeffreyh@Hawaii.Edu
Message-ID: <8fmu5s$at0$1@news.hawaii.edu>
Source record: 9353
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

Sycho_Graphics <Sycho_Graphics@email.msn.com> wrote:
>I do know
>something about "it" because I actually tried to look for a reason and gave
>your "hobby" a chance and came to the same conclusion as many have. IT IS
>DEAD!

15 meters is jammed right now (1900Z). Far from dead.

73, Jeff KH6O

1312. Re: 5 simple steps for better ham radio. (Why should I care?)

Newsgroup: rec.radio.amateur.space
Date: 2000-05-14 00:00:00 UTC
From: Lenny-t <lenny-t@worldnet.att.net>
Message-ID: <391F0906.2515@worldnet.att.net>
Source record: 9354
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

Sycho_Graphics wrote:

> Yes, I am a newbie so what? Am I not entitled to an opinion? I do know
> something about "it" because I actually tried to look for a reason and gave
> your "hobby" a chance and came to the same conclusion as many have. IT IS
> DEAD!

Perhaps, but your ranting and your personal attack detroyed your
credibility. Besides, if it's "dead" why does it bother you so much?

> By the way idiot my ID is not misspell it is just the way I intended.

You misspelled "misspelled" in the above sentence too.

> Thanks for making my point. I gave you my views of this "hobby" from my

Those weren't views. They were hyperemotional adolescent rants.

Cheers,

Lenny-t

--
"A greyhound needs no fanfare." - Jean Boone 1917-1998

1313. Re: 5 simple steps for better ham radio. (Why should I care?)

Newsgroup: rec.radio.amateur.space
Date: 2000-05-14 00:00:00 UTC
From: Sycho_Graphics <Sycho_Graphics@email.msn.com>
Message-ID: <#O1H6rev$GA.304@cpmsnbbsa04>
Source record: 9355
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

I made no personal attacks until pinheads like you made asshole comments. The fact that HAM is dying / dead doesn't "bother" me. I just accept it as a matter of fact, like typewriters or B & W televisions are obsolete. They reached the end of their usefulness only to be replaced by newer, cheaper better ways of doing things. What bothers me is the wasted bandwidth of all the HAMS wondering "duh, Why is it dying? Why doesn't anyone care but us?" I just told you why, LISTEN AND LEARN.

As for misspelling a word sorry (fucking grammar police) at least I got the important ones right like IDIOT, MORON and ASSHOLE. By the way I am neither "hyperemotional" nor am I an "adolescence" I am 34 and I will be more than happy to indulge your half-witted comments.
Last, I have responded to a post on rec.radio.scanner so take your hobby and your whining about how bad it is somewhere else you pathetic bunch of pencil protector, old fart, has-been losers. When the last one of you drops dead (we won't have to wait long) I'll piss on your grave and your bullshit HAM society. Now thanks to the morons who are representative of HAMS on these newsgroups not only do you not have a potential new member you have another person who is indifferent to your cause.

"Lenny-t" <lenny-t@worldnet.att.net> wrote in message
news:391F0906.2515@worldnet.att.net...
> Sycho_Graphics wrote:
>
> > Yes, I am a newbie so what? Am I not entitled to an opinion? I do know
> > something about "it" because I actually tried to look for a reason and
gave
> > your "hobby" a chance and came to the same conclusion as many have. IT
IS
> > DEAD!
>
> Perhaps, but your ranting and your personal attack detroyed your
> credibility. Besides, if it's "dead" why does it bother you so much?
>
> > By the way idiot my ID is not misspell it is just the way I intended.
>
> You misspelled "misspelled" in the above sentence too.
>
> > Thanks for making my point. I gave you my views of this "hobby" from my
>
> Those weren't views. They were hyperemotional adolescent rants.
>
> Cheers,
>

> Lenny-t
>
> --
> "A greyhound needs no fanfare." - Jean Boone 1917-1998

1314. Re: 5 simple steps for better ham radio. (Why should I care?)

Newsgroup: rec.radio.amateur.space
Date: 2000-05-14 00:00:00 UTC
From: Lenny-t <lenny-t@worldnet.att.net>
Message-ID: <391F2E46.1967@worldnet.att.net>
Source record: 9356
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

Sycho_Graphics wrote:

> I made no personal attacks until pinheads like you made asshole comments.

Hmmm. I quote from one of your previous posts to another member of the newsgroup who had the temerity to simply disagree with you: "WOW, what an eloquent response. Is "73" your age or IQ grandpa?"

> The fact that HAM is dying / dead doesn't "bother" me. I just accept it as a
> matter of fact, like typewriters or B & W televisions are obsolete. They
> reached the end of their usefulness only to be replaced by newer, cheaper
> better ways of doing things. What bothers me is the wasted bandwidth of all
> the HAMS wondering "duh, Why is it dying? Why doesn't anyone care but us?" I
> just told you why, LISTEN AND LEARN.

Perhaps. But if it's dead, why does it bother you so much that you must lose control of yourself on a newsgroup?

> As for misspelling a word sorry (fucking grammar police) at least I got the
> important ones right like IDIOT, MORON and ASSHOLE. By the way I am neither
> "hyperemotional" nor am I an "adolescence" I am 34 and I will be more than
> happy to indulge your half-witted comments.

By "adolescence" I gather you meant to use the noun "adolescent." Well, yes, you do come across as an adolescent. My goodness, you seem to delight in foul language and rude behaviour as many adolescents do when they attempt to shock their betters.

> Last, I have responded to a post on rec.radio.scanner so take your hobby and
> your whining about how bad it is somewhere else you pathetic bunch of pencil
> protector, old fart, has-been losers. When the last one of you drops dead
> (we won't have to wait long) I'll piss on your grave and your bullshit HAM
> society.

Hmmm. I think someone needs a cookie!

>Now thanks to the morons who are representative of HAMS on these
> newsgroups not only do you not have a potential new member you have another
> person who is indifferent to your cause.

Whew! Lucky us!

Cheers,

---Lenny-t OFHBL (Old Fart Has-Been Loser and proud of it)

--
"A greyhound needs no fanfare." - Jean Boone 1917-1998

1315. Re: 5 simple steps for better ham radio. (Why should I care?)

Newsgroup: rec.radio.amateur.space
Date: 2000-05-14 00:00:00 UTC
From: Glen Quarnstrom <glenq@cyberhighway.net>
Message-ID: <1scuhscm69l9jipirptkhavqa818dtald1@4ax.com>
Source record: 9357
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

"Sycho_Graphics" <Sycho_Graphics@email.msn.com> wrote:

>As for misspelling a word sorry (fucking grammar police) at least I got the
>important ones right like IDIOT, MORON and ASSHOLE. By the way I am neither
>"hyperemotional" nor am I an "adolescence" I am 34 and I will be more than
>happy to indulge your half-witted comments.

You have the emotional maturity of a poorly disciplined 6-year old.

>protector, old fart, has-been losers. When the last one of you drops dead
>(we won't have to wait long) I'll piss on your grave and your bullshit HAM
>society. Now thanks to the morons who are representative of HAMS on these
>newsgroups not only do you not have a potential new member you have another
>person who is indifferent to your cause.

Our gain. We have more than enough of your sort of do-nothing whiners
already, who expect other hams to do all the work but expect all the
benefits handed to them for nothing.

You don't have what it takes to be a ham. Not even a poor one. Take
your whining and your foul mouthed attitude back to whatever sewer it
was you climbed out of, lid.

--
glenq@cyberhighway.net
WB7DOW

http://www.cyberhighway.net/~glenq/

1316. Re: 5 simple steps for better ham radio. (Why should I care?)

Newsgroup: rec.radio.amateur.space
Date: 2000-05-14 00:00:00 UTC
From: Sycho_Graphics <Sycho_Graphics@email.msn.com>
Message-ID: <OXS927fv$GA.351@cpmsnbbsa04>
Source record: 9358
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

"Glen Quarnstrom" <glenq@cyberhighway.net> wrote in message
news:1scuhscm69l9jipirptkhavqa818dtald1@4ax.com...
> "Sycho_Graphics" <Sycho_Graphics@email.msn.com> wrote:
>
> You have the emotional maturity of a poorly disciplined 6-year old.

That puts me about about 5 years 11 months ahead of a crying little baby like you. I have not even begun to dish it out, you want a conversation on the topic at hand fine, you want fling insults back and forth I'm ready, willing and able.

> Our gain.We have more than enough of your sort of do-nothing whiners
> already, who expect other hams to do all the work but expect all the
> benefits handed to them for nothing.

Yea great answer "who cares if we never get another member" great attitude. Thanks for making my point, AGAIN. What the hell are you talking about? I didn't ask you to do a thing for me. Originally, I replied to one of these "our hobby is in shambles how can we make it better" posts. Work? what is work about sitting your ass in front of a "radio" it's amateur radio NOT BRAIN SURGERY GUYS.

> You don't have what it takes to be a ham. Not even a poor one. Take
> your whining and your foul mouthed attitude back to whatever sewer it
> was you climbed out of, lid.

Oh my, I'll never be a HAM! Now what will I do? Hmm, get a life. What's a matter multiple syllable words confuse you maybe I should morse code the dirty words so you can have some real world use for your "wonderful skills".

Once again to another brilliant HAM operator, PISS OFF and DIE.

> --
> glenq@cyberhighway.net
> WB7DOW
>
> http://www.cyberhighway.net/~glenq/

1317. Re: 5 simple steps for better ham radio. (Why should I care?) RESPONSE to Private email from BRIAN KELLY

Newsgroup: rec.radio.amateur.space
Date: 2000-05-14 00:00:00 UTC
From: Sycho_Graphics <Sycho_Graphics@email.msn.com>
Message-ID: <OHL1vKgv$GA.307@cpmsnbbsa04>
Source record: 9359
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

I am not going to TEACH you anything.

You guys want to LEARN why people could care less about HAM radio and why your ranks are almost ZERO (I guess you care because every HAM radio newsgroup is full of "WHY, WHY, WHY posts). It is because you DO NOT listen to others outside of your hobby, outside of your demographic and outside of the "good OLD BOY network you have created. As a whole you have FAILED miserably to recruit any new blood because of your stubbornness, your narrow mindedness and your reluctance to accept change. Yet you continue business as usual even as your numbers dwindle to nothing.

I Never said you insulted me personally the first MORON did by calling me and IDIOT and the other two followed suit by attacking me and my intelligence by pointing out a misspelled word.

Never met your nephew maybe he is "MATURE" for his age. How old does that make you? The Older you are the smarter and wiser you are right? WRONG!!! You gonna prove my views of the average HAM right, Brian? So far so good.

Finally, I do not know what a "scanner freak" is? I happen to own, listen to and use a scanner SO WHAT? I have a broad base of interests this which happens to be but one. I was thinking of doing something with HAM radio but after my experiences with HAM operators I guess I am proud to be called a "SCANNER FREAK" by one of you.

"Brian Kelly" <kelly@dvol.com> wrote in message
news:391ee89a.153635198@news.dvol.com...
> On Sat, 13 May 2000 02:23:26 -0400, "Sycho_Graphics"
> <Sycho_Graphics@email.msn.com> wrote:
> >
> >
> >So I ask you as a potential member to your beloved HAM community why
should
> >I care what happens to it. I have fun with my scanners, especially my
AOR
> >8K, my FRS radios, and my computers! I love to tinker with an learn about
> >electronics and mechanical things but even with an outside antenna on my
> >roof in a major city I barely scan any HAM radio transmissions. Sorry,
guys
> >your hobby is not dying its in full fledged cardiac arrest :)
> >
> Your "analysis" is right on the money. Ham radio just isn't for you.
> Don't let the door hit you in the ass on your way back out to

> Scannerville.
> >
> w3rv.

1318. Re: 5 simple steps for better ham radio. (Why should I care?)

Newsgroup: rec.radio.amateur.space
Date: 2000-05-14 00:00:00 UTC
From: Glen Quarnstrom <glenq@cyberhighway.net>
Message-ID: <7jguhss8p7kflrv3pvkevtm9obaafsgu7c@4ax.com>
Source record: 9360
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

"Sycho_Graphics" <Sycho_Graphics@email.msn.com> wrote:

> > You have the emotional maturity of a poorly disciplined 6-year old.
>
>That puts me about about 5 years 11 months ahead of a crying little baby
>like you.

I'm mature enough not to send e-mail copies of my drivel where it's not
wanted.

>I have not even begun to dish it out, you want a conversation on
>the topic at hand fine, you want fling insults back and forth I'm ready,
>willing and able.

Hardly. Send me another harassing e-mail, and you'll find out just how
ready I am to deal with people like you.

--
glenq@cyberhighway.net
WB7DOW

http://www.cyberhighway.net/~glenq/

1319. Re: 5 simple steps for better ham radio. (Why should I care?) Reply to PRIVATE EMAIL FROM GLEN QUARNSTROM

Newsgroup: rec.radio.amateur.space
Date: 2000-05-14 00:00:00 UTC
From: Sycho_Graphics <Sycho_Graphics@email.msn.com>
Message-ID: <u2mmLfgv$GA.269@cpmsnbbsa04>
Source record: 9361
Cross-posted to: alt.radio.scanner,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

This guy responds to my post calling me "6-year old" a "do-nothing whiner" that " I don't have what it takes" etc... and when I forward my response to his message he gets pissed off and threatens to report me to my ISP. What's a matter not enough space with all the kiddie porn on your computer? Afraid mommy might see what little boy is up to? You are a coward, you think you can attack someone then hide in the newsgroups. I post my opinions my email address and stand by my thoughts.

If I saw you on the street you would not address me in such a matter because I disagree with your position. Would you? I think not, cause they would have to surgically remove my foot from your ass.

Say hello to my KILLFILE you arrogant, piece of crap.

Sycho_Graphics wrote:

> Once again to another brilliant HAM operator, PISS OFF and DIE.

Do NOT send me any more unsolicited e-mail, or I will notify your ISP that you are harassing me. Say whatever you wish in UseNet, but stay out of my mailbox.

I will not warn you again.
--

glenq@cyberhighway.net
-
http://www.cyberhighway.net/~glenq/

"Glen Quarnstrom" <glenq@cyberhighway.net> wrote in message news:7jguhss8p7kflrv3pvkevtm9obaafsgu7c@4ax.com...
> "Sycho_Graphics" <Sycho_Graphics@email.msn.com> wrote:
>
> > > You have the emotional maturity of a poorly disciplined 6-year old.
> >
> >That puts me about about 5 years 11 months ahead of a crying little baby
> >like you.
>
> I'm mature enough not to send e-mail copies of my drivel where it's not
> wanted.
>
> >I have not even begun to dish it out, you want a conversation on
> >the topic at hand fine, you want fling insults back and forth I'm ready,
> >willing and able.

>
> Hardly. Send me another harassing e-mail, and you'll find out just how
> ready I am to deal with people like you.
>
> --
> glenq@cyberhighway.net
> WB7DOW
>
> http://www.cyberhighway.net/~glenq/

1320. Re: 5 simple steps for better ham radio.

Newsgroup: rec.radio.amateur.space
Date: 2000-05-14 00:00:00 UTC
From: mark_little_aus@my-deja.com
Message-ID: <8fktob$vv7$1@nnrp1.deja.com>
Source record: 9441
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

In article <391D9C5B.5787B038@oio.net>,
W5LZ <w5lz@oio.net> wrote:
>
>
> Wouff Hong,
> Hows this for a suggestion? Instead of doing away
> with the CW testing, lets add testing in the other modes!
> We could have CW testing, RTTY testing, SSB testing, SSTV
> testing, PSK31 testing, FM testing, Packet testing, and???
> That should settle this whole obsolete/antique/unused
> misconception about the different 'modes'.
> 'Doc

Actually, in theory, I think this has a lot of merit. It would be akin to being licenced on different types of aircraft. The certification would apply only to what was being tested - which is what testing should be about, don't you think?

It would eliminate the absurdity of using a Morse test to grant access to every mode on HF. For example, the Morse test would grant Morse access on every band - a much more logical and sensible system.

It is the practical issues which make this purely academic. (1) The logistics of doing so - You would need an examiner who was certified in every possible mode and you would have to be certified merely to try something new; and (2) Who will do the testing for new modes?

"The devil is in the detail." as a workmate is wont to say.

Mark.

Sent via Deja.com http://www.deja.com/
Before you buy.

1321. Re: 5 simple steps for better ham radio.

Newsgroup: rec.radio.amateur.space
Date: 2000-05-14 00:00:00 UTC
From: mark_little_aus@my-deja.com
Message-ID: <8fkubijd1@nnrp1.deja.com>
Source record: 9442
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

In article <391DBB6F.741CED50@IEEE.org>,
W6RCecilA <Cecil.A.Moore@IEEE.org> wrote:
> mark_little_aus@my-deja.com wrote:
> >
> > kw@bctv.com wrote:
> > > I guess that depends on what "is" is.
> >
> > Sorry, That one went over my head.
>
> You don't recognize Clinton's infamous statement?

Oh, I gather that it must be something to do with the Monica incident. I can't say that I took much interest in the story. Understandable, I guess, because I'm sure not too many people in this NG would be interested in what John Howard is doing - I'll let you figure that one out. ;-)

Mark.

Sent via Deja.com http://www.deja.com/
Before you buy.

1322. Re: 5 simple steps for better ham radio.

Newsgroup: rec.radio.amateur.space
Date: 2000-05-14 00:00:00 UTC
From: Blake Bowers <bbowers@townsqr.com>
Message-ID: <8fku8t$61l$0@63.162.247.213>
Source record: 9443
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Mark Morgan wrote:

> >I can understand retesting for say, a drivers license, as the loss
> >of those skills can kill someone. But retesting for HAM? Why?
>
> gievn the ammount of change that occours in electronics etc
> retesting in some form on our 10 year renewals would likely mean that
> the current crop of Hams for example I know several Extras who do not
> know the RF emissions rules as well as I do as a mere tech.

Again, why? The loss of the skills learned, in todays appliance
operator enviroment, will result in no degradation to the hobby,
the operator, or those around him.

> >> > Step 3: Two code elements, 13 wpm for General and 20 wpm for Extra.
> >>
> >> Forget this one. Code will be gone as a requirement very soon. Don't get
> >> me wrong, I don't think this is necessarily a good thing.
> >
> >Yep. Code killed this hobby. If it had been killed 20 years ago, the
> >hobby might still be viable, with the new blood it might have kept up.
>
> No code has not killed the hobby but its advocates sure seem
> to be trying to kill it. The best case for NoCode is made by simply
> looking at a creative minority of the ProCoders (creative minoroty a
> large vocal visible group)
>

Well, let me rephrase. The requirement for code into any level of
HAM radio did kill the hobby, not code itself. If there had been
a no-code class of license 20 years ago, it would have allowed a lot
of people into the hobby that would have helped to enhance and
enlarge the hobby.

Those people would have been more of a voice to the FCC, as well
as helped to bring new technology to HAM radio.

Instead, we declined.

1323. Re: Question: Innovation in Amateur Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-05-14 00:00:00 UTC
From: wd1v@amsat.org
Message-ID: <wd1v-1405000615580001@wdonev.ne.mediaone.net>
Source record: 9444
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.homebrew,rec.radio.amateur.space,rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.amateur.dx,rec.radio.amateur.antenna

The first amateur was Marconi in the history books but you
might want to check out Braun, Tesla, and a few others.

"Marconi shared his Nobel prize with German physicist Karl Ferdinand Braun, b. June 6,
1850, d.Apr. 20, 1918, in 1909 Nobel Prize for physics with
Guglielmo Marconi for his work in developing the radio.

Braun, who spent his career as a professor of physics at
German universities, increased the range of Marconi's
transmitter, invented the crystal rectifier (a device that
allows current to flow in only one direction, and improves
radio transmission), and later invented the oscilloscope, a
cathode-ray-tube laboratory device that was the forerunner of
today's television and radar tubes."

Source: The New Grolier Multimedia Encyclopedia

Another great innovation that hams brought to the party
was helping people in times of distress - for FREE! Ironic
that a group of people known for "intense thrift" would give away
life saving services at their own costs - sometimes putting their
own lives at great risk too - and expect nothing in return!

Good luck with your thesis - please post it when done so we
can all enjoy it.

73!

John D. Seney
http://www.qsl.net/wd1v/
Macnet, Amateur Radio FAQ, Oscilloscope FAQ

1324. Re: Ham-Space Digest V2000 #123 (AbsentWise)

Newsgroup: rec.radio.amateur.space
Date: 2000-05-14 00:00:00 UTC
From: malcolm.andrew@aeat.co.UK
Message-ID: <s91ea6bf.094@a-hgwd3.harwell.aeat.co.uk>
Source record: 9445

I am absent from 12 May 2000 until 19 May 2000. Please contact Duncan Mackay on 720 3388 or 01235 433388 if you need ungent help.

1325. Re: Question: Innovation in Amateur Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-05-14 00:00:00 UTC
From: kelly@dvol.com
Message-ID: <391ea285.135691052@news.dvol.com>
Source record: 9446
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.homebrew,rec.radio.amateur.space,rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.amateur.dx,rec.radio.amateur.antenna

On Fri, 12 May 2000 20:08:47 GMT, blackm00@cam.org (Michael Black)
wrote:
>
>once wrote an article about "How to be an Amateur" pointing out
>some of the benefits hams have to innovate for the simple reason
>that they aren't bound by corporations. I think it was published
>in an early issue of 73, and then reprinted once or twice. 1971
>comes to mind.
>
> Micahel VE2BVW
>
Nice post.
>
w3rv

1326. Re: 5 simple steps for better ham radio.

Newsgroup: rec.radio.amateur.space
Date: 2000-05-14 00:00:00 UTC
From: kelly@dvol.com
Message-ID: <391ebb0f.141974350@news.dvol.com>
Source record: 9447
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

On Fri, 12 May 2000 23:46:27 GMT, "great horneytoads!"
<bluetel@aol.com> wrote:

>WE TRIED THIS ONCE ALREADY SPORT.
>
>IN 1965-67
>
>IT WAS CALLED "INCENTIVE LICENCING"
>
>IT WAS A MONMUNTAL DISASTER FROM WHICH WE
>HAVE NEVER RECOVERED.
>
Bullshit. I'd still be a General if Incentive Licensing hadn't
happened. Myself and tens of thousands of others did 20wpm in front of
FCC examiners, one minute solid copy, all just to be able to operate
in a lousy 5.7% of the HF bands. . . . never mind that the number of
hams has tripled +/- since then of course. Whatta "disaster"
>
w3rv

1327. Re: 5 simple steps for better ham radio.

Newsgroup: rec.radio.amateur.space
Date: 2000-05-14 00:00:00 UTC
From: PJH <p_j_h@email.msn.com>
Message-ID: <##Rvembv$GA.306@cpmsnbbsa04>
Source record: 9448
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

I would love to see Step 1 and 2 with passing at 95% applied to Drivers
Licenses.
Pat

Mark Morgan <konstans@oneleven.net> wrote in message
news:391cc742.434188796@nntp.one-eleven.net...
> Better Ham radio or simply dead Ham radio
>
> On Fri, 12 May 2000 17:03:19 GMT, integrity@arrl.sucks.org (Wouff
> Hong) wrote:
>
> >
> >Step 1: No more automatic renewals. Individuals must retest and
> > pass all elements required for their license class.
>
> Not a bad idea
> >
> >Step 2: The passing score for written exams should be 90% not 70%
>
> Why?
> >
> >Step 3: Two code elements, 13 wpm for General and 20 wpm for Extra.
>
> I do hope you are not holding your breath on that
> >
> >Step 4: No-code license should be one year non-renewable.
>
> Why?
> >
> >Step 5: Remove negative influences by disbanding the ARRL.
> >
> >
> >wouff hong
> >
> >
> >
> >
>

1328. Re: 5 simple steps for better ham radio. (Why should I care?) RESPONSE to Private email from BRIAN KELLY

Newsgroup: rec.radio.amateur.space
Date: 2000-05-15 00:00:00 UTC
From: kelly@dvol.com
Message-ID: <391f58a2.182319188@news.dvol.com>
Source record: 9362
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

On Sun, 14 May 2000 20:13:47 -0400, "Sycho_Graphics"
<Sycho_Graphics@email.msn.com> wrote:

>I am not going to TEACH you anything.
>
>You guys want to LEARN why people could care less about HAM radio and why
>your ranks are almost ZERO (I guess you care because every HAM radio
>newsgroup is full of "WHY, WHY, WHY posts). It is because you DO NOT listen
>to others outside of your hobby, outside of your demographic and outside of
>the "good OLD BOY network you have created. As a whole you have FAILED
>miserably to recruit any new blood because of your stubbornness, your narrow
>mindedness and your reluctance to accept change. Yet you continue business
>as usual even as your numbers dwindle to nothing.
>
>I Never said you insulted me personally the first MORON did by calling me
>and IDIOT and the other two followed suit by attacking me and my
>intelligence by pointing out a misspelled word.
>
>Never met your nephew maybe he is "MATURE" for his age. How old does that
>make you? The Older you are the smarter and wiser you are right? WRONG!!!
>You gonna prove my views of the average HAM right, Brian? So far so good.
>
>Finally, I do not know what a "scanner freak" is? I happen to own, listen
>to and use a scanner SO WHAT? I have a broad base of interests this which
>happens to be but one. I was thinking of doing something with HAM radio but
>after my experiences with HAM operators I guess I am proud to be called a
>"SCANNER FREAK" by one of you.
>
. . . ummm . . . 250Mg of Prozac twice a day oughta do it . .
>
>"Brian Kelly" <kelly@dvol.com> wrote in message
>news:391ee89a.153635198@news.dvol.com...
>> On Sat, 13 May 2000 02:23:26 -0400, "Sycho_Graphics"
>> <Sycho_Graphics@email.msn.com> wrote:
>> >
>> >
>> >So I ask you as a potential member to your beloved HAM community why
>should
>> >I care what happens to it. I have fun with my scanners, especially my
>AOR
>> >8K, my FRS radios, and my computers! I love to tinker with an learn about
>> >electronics and mechanical things but even with an outside antenna on my

>> >roof in a major city I barely scan any HAM radio transmissions. Sorry,
>guys
>> >your hobby is not dying its in full fledged cardiac arrest :)
>> >
>> Your "analysis" is right on the money. Ham radio just isn't for you.
>> Don't let the door hit you in the ass on your way back out to
>> Scannerville.
>> >
>> w3rv.
>
>

1329. Re: 5 simple steps for better ham radio. (Why should I care?) RESPONSE to Private email from BRIAN KELLY

Newsgroup: rec.radio.amateur.space
Date: 2000-05-15 00:00:00 UTC
From: ccom2@socket.net
Message-ID: <391f7a98.2495929@news.socket.net>
Source record: 9363
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

Is this guy sitting on a nail or broken glass he sure acts like it.
I bet when he looks in a mirror he gets hateful and yells terrible
things to himself.

"Sycho_Graphics" <Sycho_Graphics@email.msn.com> wrote:

>I am not going to TEACH you anything.
>
>You guys want to LEARN why people could care less about HAM radio and why
>your ranks are almost ZERO (I guess you care because every HAM radio
>newsgroup is full of "WHY, WHY, WHY posts). It is because you DO NOT listen
>to others outside of your hobby, outside of your demographic and outside of
>the "good OLD BOY network you have created. As a whole you have FAILED
>miserably to recruit any new blood because of your stubbornness, your narrow
>mindedness and your reluctance to accept change. Yet you continue business
>as usual even as your numbers dwindle to nothing.
>
>I Never said you insulted me personally the first MORON did by calling me
>and IDIOT and the other two followed suit by attacking me and my
>intelligence by pointing out a misspelled word.
>
>Never met your nephew maybe he is "MATURE" for his age. How old does that
>make you? The Older you are the smarter and wiser you are right? WRONG!!!
>You gonna prove my views of the average HAM right, Brian? So far so good.
>
>Finally, I do not know what a "scanner freak" is? I happen to own, listen
>to and use a scanner SO WHAT? I have a broad base of interests this which
>happens to be but one. I was thinking of doing something with HAM radio but
>after my experiences with HAM operators I guess I am proud to be called a
>"SCANNER FREAK" by one of you.
>
>
>"Brian Kelly" <kelly@dvol.com> wrote in message
>news:391ee89a.153635198@news.dvol.com...
>> On Sat, 13 May 2000 02:23:26 -0400, "Sycho_Graphics"
>> <Sycho_Graphics@email.msn.com> wrote:
>> >
>> >
>> >So I ask you as a potential member to your beloved HAM community why
>should
>> >I care what happens to it. I have fun with my scanners, especially my
>AOR
>> >8K, my FRS radios, and my computers! I love to tinker with an learn about

>> >electronics and mechanical things but even with an outside antenna on my
>> >roof in a major city I barely scan any HAM radio transmissions. Sorry,
>guys
>> >your hobby is not dying its in full fledged cardiac arrest :)
>> >
>> Your "analysis" is right on the money. Ham radio just isn't for you.
>> Don't let the door hit you in the ass on your way back out to
>> Scannerville.
>> >
>> w3rv.
>
>

1330. Re: 5 simple steps for better ham radio. (Why should I care?)

Newsgroup: rec.radio.amateur.space
Date: 2000-05-15 00:00:00 UTC
From: ccom2@socket.net
Message-ID: <391f7b9a.2754231@news.socket.net>
Source record: 9364
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

sounds like he needs his dirty diaper changed. No wonder he is so
cranky

"Sycho_Graphics" <Sycho_Graphics@email.msn.com> wrote:

>
>"Glen Quarnstrom" <glenq@cyberhighway.net> wrote in message
>news:1scuhscm69l9jipirptkhavqa818dtald1@4ax.com...
>> "Sycho_Graphics" <Sycho_Graphics@email.msn.com> wrote:
>>
> > You have the emotional maturity of a poorly disciplined 6-year old.
>
>That puts me about about 5 years 11 months ahead of a crying little baby
>like you. I have not even begun to dish it out, you want a conversation on
>the topic at hand fine, you want fling insults back and forth I'm ready,
>willing and able.
>
>> Our gain.We have more than enough of your sort of do-nothing whiners
>> already, who expect other hams to do all the work but expect all the
>> benefits handed to them for nothing.
>
>Yea great answer "who cares if we never get another member" great attitude.
>Thanks for making my point, AGAIN. What the hell are you talking about? I
>didn't ask you to do a thing for me. Originally, I replied to one of these
>"our hobby is in shambles how can we make it better" posts. Work? what is
>work about sitting your ass in front of a "radio" it's amateur radio NOT
>BRAIN SURGERY GUYS.
>
>> You don't have what it takes to be a ham. Not even a poor one. Take
>> your whining and your foul mouthed attitude back to whatever sewer it
>> was you climbed out of, lid.
>
>Oh my, I'll never be a HAM! Now what will I do? Hmm, get a life. What's a
>matter multiple syllable words confuse you maybe I should morse code the
>dirty words so you can have some real world use for your "wonderful skills".
>
>Once again to another brilliant HAM operator, PISS OFF and DIE.
>
>
>
>> --
>> glenq@cyberhighway.net
>> WB7DOW
>>

>> http://www.cyberhighway.net/~glenq/
>
>

1331. Re: 5 simple steps for better ham radio.

Newsgroup: rec.radio.amateur.space
Date: 2000-05-15 00:00:00 UTC
From: john <w9jcm@reno.quik.com>
Message-ID: <XpMT4.21113$QN6.1293332@newsfeed.intelenet.net>
Source record: 9365
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

you guys can gab gab all u want but u cant change anything the FCC is the
boss..
Wouff Hong wrote in message ...
>
>Step 1: No more automatic renewals. Individuals must retest and
> pass all elements required for their license class.
>
>Step 2: The passing score for written exams should be 90% not 70%
>
>Step 3: Two code elements, 13 wpm for General and 20 wpm for Extra.
>
>Step 4: No-code license should be one year non-renewable.
>
>Step 5: Remove negative influences by disbanding the ARRL.
>
>
>wouff hong
>
>
>
>

1332. Re: Ham-Space Digest V2000 #124 (AbsentWise)

Newsgroup: rec.radio.amateur.space
Date: 2000-05-15 00:00:00 UTC
From: malcolm.andrew@aeat.co.UK
Message-ID: <s92009e9.083@a-hgwd3.harwell.aeat.co.uk>
Source record: 9366

I am absent from 12 May 2000 until 19 May 2000. Please contact Duncan Mackay on 720 3388 or 01235 433388 if you need ungent help.

1333. Re: Question: Innovation in Amateur Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-05-15 00:00:00 UTC
From: dennis@wawa.juniper.net
Message-ID: <8fpmn3$250u$1@heap.juniper.net>
Source record: 9367
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.homebrew,rec.radio.amateur.space,rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.amateur.dx,rec.radio.amateur.antenna

Peter O. Brackett <ab4bc@ix.netcom.com> wrote:
>In recent years we have such "amateurs" as...
>
>Phil Karn KA9Q...
>
> who almost single handedly introduced the Internet's TCP/IP protocol suite
>to the modern personal computer [IBM clones as opposed to the Unix based
>computers] by the release of his "KA9Q" TCP/IP "stack" as free ware. Many

That might be stretching it. I think MIT's PCIP predated the KA9Q software,
and probably had a larger base of commercial derivatives before CPU speeds
outgrew them.

But look at RFC 1122 for references to the "Karn algorithm" for computing
more accurate round trip time estimates for TCP. I think there is an
ACM SIGCOMM paper referred to in there. I'm pretty sure this came out of
the work with amateur radio TCP/IP (a lot of the really good, fundamental
insights into TCP protocol dynamics in the 1980's came from the experience
of running TCP over the really crappy networks that existed then).

Dennis Ferguson

1334. FS: 10/6m vert. Ant., M2 SAT. Ants. & 6m beam Ant.

Newsgroup: rec.radio.amateur.space
Date: 2000-05-15 00:00:00 UTC
From: Howard Rudy <hrudy@lgcy.com>
Message-ID: <39209C01.4B76A4EB@lgcy.com>
Source record: 9368

The SAT ANTs are M2 Enterprises 2M-CP22 & 436CP30 Ants
I Made a Big mistake on the SAT Ants, I got my first info that
they were KLM's. NOT... sorry

Howard Rudy wrote:

> For Sale
> New In Box Comet Ant CA-350DB 10/6 m dual band vert.
> 10m 2.15db gain & 6m 6.5db gain 22.6 ft long 6.4lbs.
> new price $200 asking $125.00 + shipping.
>
> KLM Sat. Ants. >They are M2 @M-CP22 & 436CP30<
> 2m 11 elem. vert. & 11 elem. horiz. 223" long with phasing cable
> 70cm 15 elem. vert. & 15 elem. horiz. 116" long with phasing cable
> Ant is in very good condition. asking $200 + shipping
>
> NIB Cushcraft A50-5S beam asking $50 + shipping
>
> contact <hrudy@lgcy.com>
>
> 73's KA7YWO
> Howard
> SLC, UT.

1335. Re: 5 simple steps for better ham radio.

Newsgroup: rec.radio.amateur.space
Date: 2000-05-15 00:00:00 UTC
From: PreCool <precoolNOprSPAM@email.com.invalid>
Message-ID: <0bcac2bc.6a73699f@usw-ex0102-014.remarq.com>
Source record: 9369
Cross-posted to: rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.scanner,rec.radio.shortwave

I agree with Dwight. You're either part of the problem or part
of the solution. Innovate, innovate, inovate. Change, change,
change. Help or get out if the way. In a word we need to
spearhead wireless broadband! In addition we need to stand
together in order to restructure the FCC rules for it.

In article <lmbT4.54724
$x4.1868888@newsread1.prod.itd.earthlink.net>, "great
horneytoads!" <bluetel@aol.com> wrote:
>
>Dwight Stewart <stewartx@sccoast.net> wrote in message
>news:391D3927.B55731@sccoast.net...
>>
>>
>> "great horneytoads!" wrote:
>> >
>> > It's already gone Cecil. Ham radio is literally dying.
>> > Average age for hams is 68 Yrs old.
>> > Your correct above, and ham radio WILL be DEAD
>> > by 2015. <snip>
>>
>>
>> Myth! Ham radio has never been a young person's hobby.
Look back
>> over the magazines printed decades ago - the pictures show a
lot of
>> older faces (and very few young ones).
>
>Correct DFwight, HOWEVER where you data needs to be
>revised is found in the new licence applications. Their almost
>zero. Number of Generals and Advanced calls dropping out
>or not renewing: up 15%. Read Wayne's editorials in 73. He is
>right I am afraid. FCC official figures and trends bear out a
>stead decline in ham radio for the next 5 years, then an
exponential
>drop to 2015. (assuming historical baseline statistics and
plotted trends)
>I wish it were otherwise too, but what young person, meaning
DROVES
>of young persons want to spend ups of a thousand of dollars,
take a
>test on arcane theory, (worse yet...)-->code....just to talk
to a bunch

>of old men on HF, who double 6 times out of 10 when they
transmit
>and don't even realize it? (listen to 40 any time during the
day and see
>what I mean) We are OBSOLETE Dwight, a curisoity, perhaps a
>resource to some, but technically and operationally obsolete
nonetheless.
>
>
>
>

* Sent from RemarQ http://www.remarq.com The Internet's Discussion Network *
The fastest and easiest way to search and participate in Usenet - Free!

1336. Re: 5 simple steps for better ham radio. (Why should I care?) RESPONSE to Private email from BRIAN KELLY

Newsgroup: rec.radio.amateur.space
Date: 2000-05-16 00:00:00 UTC
From: JR <jr@some.net>
Message-ID: <3920B90D.5769@some.net>
Source record: 9370
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

Sycho_Graphics wrote:
> I was thinking of doing something with HAM radio but
> after my experiences with HAM operators I guess I am proud to be called a
> "SCANNER FREAK" by one of you.

Your making the decision to not get a license is the best thing that
could happen to ham radio.

1337. Re: 5 simple steps for better ham radio.

Newsgroup: rec.radio.amateur.space
Date: 2000-05-16 00:00:00 UTC
From: mark_little_aus@my-deja.com
Message-ID: <8fr3f7iep1@nnrp1.deja.com>
Source record: 9371
Cross-posted to: rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.scanner

In article <0bcac2bc.6a73699f@usw-ex0102-014.remarq.com>,
PreCool <precoolNOprSPAM@email.com.invalid> wrote:
> You're either part of the problem or part
> of the solution. Innovate, innovate, inovate. Change, change,
> change. Help or get out if the way.

I hate those absurd and realistic "motivation" sayings.

> In a word we need to
> spearhead wireless broadband! In addition we need to stand
> together in order to restructure the FCC rules for it.

I don't agree. Putting all eggs in one basket, wireless broadband or not is not the answer. I see this sort of tunnel vision as no different from the "Morse Code or Nothing" syndrome. On the other hand, there is nothing wrong with updating the regulations and bandplans to accomodate these activities in a compatible way.

What Amateur Radio needs is an environment where Amateurs are accepted for what THEY want to do, not because it suits the fetish of one of more groups of indivisuals. The biggest problem that the hobby faces is its own members! There is one group saying that anyone who doesn't know Morse to my standard; or pass the same exam as I did, are knuckle dragging apes, now there is the "If you aren't into broadband, you are a fossil, holding it back".

Prospective Amateurs who listen to or read what Amateurs say about themselves have more than enough reasons to question whether it is a hobby to worth getting into. There was some young fellow in a recent post blowing off a lot of hot air about that fact that Amateurs like to talk, but not to listen. Although he was an angry little ant, there was a kernel of truth buried in the volumes of waffle. As a group, we seem to be more interested in making sure that everyone else is made to like what we like, and resisting the efforts of others to make us like what they like. The bands are large enough for everyone to what they want. Even natur recognises that survival depends on diversity, not mono-culture.

To bastardise a quote "We have met the enemy, and they are us".

Mark,

Sent via Deja.com http://www.deja.com/
Before you buy.

1338. Re: 5 simple steps for better ham radio.

Newsgroup: rec.radio.amateur.space
Date: 2000-05-16 00:00:00 UTC
From: mark_little_aus@my-deja.com
Message-ID: <8fr4gp$jl8$1@nnrp1.deja.com>
Source record: 9372
Cross-posted to: rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.scanner

In article <8fr3f7iep1@nnrp1.deja.com>,
mark_little_aus@my-deja.com wrote:
>
>
> I hate those absurd and realistic "motivation" sayings.

Oops! That should have said "unrealistic".

Mark.

Sent via Deja.com http://www.deja.com/
Before you buy.

1339. Re: 5 simple steps for better ham radio.

Newsgroup: rec.radio.amateur.space
Date: 2000-05-16 00:00:00 UTC
From: "Dr. Adams Apple" <coontail@my-deja.com>
Message-ID: <8frf6vuqq1@nnrp1.deja.com>
Source record: 9373
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

In article <anti.arrl@arrl.sucks.org>,
integrity@arrl.sucks.org (Wouff Hong) wrote:
>
> Step 1: No more automatic renewals. Individuals must retest and
pass all elements required for their license class.

They've been trying to do this with the geriatric crowd for driver's
licenses for years, without success.

> Step 2: The passing score for written exams should be 90% not 70%

Ah, yes, big difference.. lets lower the requirements to can you
drool your name across the signature bar code line.

>
> Step 3: Two code elements, 13 wpm for General and 20 wpm for Extra.

Never happen! If anything the 5 wpm requirement is a token that will
be easy to simply do away with in a decade or so.

> Step 4: No-code license should be one year non-renewable.

All licenses should be sign your name on dotted line.

> Step 5: Remove negative influences by disbanding the ARRL.
>
> wouff hong
>

I'm quite certain ARRL wasn't promoting a 5wpm Universal HF license,
but they simply realized the FCC was not convinced code was a viable
examination requirement for HF.
Where in commericial radio is morse required or even used, except
perhpas as a beacon?

Sent via Deja.com http://www.deja.com/
Before you buy.

1340. Re: 5 simple steps for better ham radio.

Newsgroup: rec.radio.amateur.space
Date: 2000-05-16 00:00:00 UTC
From: "Dr. Adams Apple" <coontail@my-deja.com>
Message-ID: <8frfdpvbr1@nnrp1.deja.com>
Source record: 9374
Cross-posted to: rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.scanner

In article <07ac6448.1465b2e1@usw-ex0105-040.remarq.com>,
PreCool <precoolNOprSPAM@email.com.invalid> wrote:
> What you fail to realize is, inteligents and technical prowess
> do not exclude abusers and criminals. Sure, crime is not
> inteligent. Yet there are a lot a inteligent criminals out
> there. Like the ones who disrupt the repeater clubs. You'll
> never see them on "worlds dummest criminals". Stupidity isn't
> the problem. Lack of character is.
>
> So, a hard test isn't the answer. What we now have are a lot of
> inteligent asses.
>
> What is the answer. Enforcement, policing our own bands *with*
> FCC support, Inovation and change so to attract quality people.
> What do you think?
>
> * Sent from RemarQ http://www.remarq.com The Internet's Discussion
Network *
> The fastest and easiest way to search and participate in Usenet -
Free!

Very funny. Quality people haven't been interested in Amateur Radio
for decades. Hahaha..
Its mostly poor old lonely farts who have a physical disability and some
blue moon contesters who sit and waste an entire weekend exchanging 59
ers.
-

Sent via Deja.com http://www.deja.com/
Before you buy.

1341. Re: Ham-Space Digest V2000 #125 (AbsentWise)

Newsgroup: rec.radio.amateur.space
Date: 2000-05-16 00:00:00 UTC
From: malcolm.andrew@aeat.co.UK
Message-ID: <s9214b1a.088@a-hgwd3.harwell.aeat.co.uk>
Source record: 9375

I am absent from 12 May 2000 until 19 May 2000. Please contact Duncan Mackay on 720 3388 or 01235 433388 if you need ungent help.

1342. Re: Question: Innovation in Amateur Radio

Newsgroup: rec.radio.amateur.space
Date: 2000-05-16 00:00:00 UTC
From: "Robert A. Poff" <wb3awj@blazenet.net>
Message-ID: <3921462B.6650CB04@blazenet.net>
Source record: 9376
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.digital.misc,rec.radio.amateur.homebrew,rec.radio.amateur.space,rec.radio.amateur.boatanchors,rec.radio.amateur.equipment,rec.radio.amateur.dx,rec.radio.amateur.antenna

As I remember Phil Karn introduced TCP/IP for amateur radio at one of
long gone Mid-Atlantic Packet Radio Council meetings.... (the one held
in Savage, MD). I can't put a year on it. But at the time the TNC-2 was
rumored but not yet a reality.

It was an amateur radio adaptation of the existing TCP/IP. Just as AX.25
was
an amateur radio utilization of the existing X.25 transfer protocol.

However, I think Phil did a lot of development for TCP/IP in his job
(memory wants to say that he worked for Bell but I may be wrong)

If I root around in the attic I might be able to find the diskette
he gave out that day.

But going on from here....
While packet radio was what we could call a "reverse" development in
amateur radio, meaning something we adapted, it sure did open the door
for commercial development of mobile data services.

Bob Poff WB3AWJ
Engineer WSBA/WARM-FM

Dennis Ferguson wrote:
>
> Peter O. Brackett <ab4bc@ix.netcom.com> wrote:
> >In recent years we have such "amateurs" as...
> >
> >Phil Karn KA9Q...
> >
> > who almost single handedly introduced the Internet's TCP/IP protocol suite
> >to the modern personal computer [IBM clones as opposed to the Unix based
> >computers] by the release of his "KA9Q" TCP/IP "stack" as free ware. Many
>
> That might be stretching it. I think MIT's PCIP predated the KA9Q software,
> and probably had a larger base of commercial derivatives before CPU speeds
> outgrew them.

1343. Re: 5 simple steps for better ham radio.

Newsgroup: rec.radio.amateur.space
Date: 2000-05-16 00:00:00 UTC
From: PreCool <precoolNOprSPAM@email.com.invalid>
Message-ID: <0544ae95.5f088be3@usw-ex0105-037.remarq.com>
Source record: 9377
Cross-posted to: rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.scanner

Do not read your own opinions into what I wrote. If someone
wants to do only CW with "a paddle boat swing" or whatever, then
more power to them. Just do not stand in the way of innovation
doing it. My point is to intergrate both. Don't be afaid of that
change.

Thank you for the compliment that we can motivate and encourage
each other.

I did not say only wireless broadband. Yet, if you've been
keeping up you would know once you have broadband a whole world
of options are opend up to us.

You say.....

>To bastardise a quote "We have met the enemy, and they are us".
>
I say lets work together as hams not afraid of change. I suggest
us older folks leave a legacy that the younger folks can be
proud of. If nothing else, we must clear the way for innovation.
Today, most of the innovators just go where they can invent
without old out dated restrictions. Saddly away from Ham Radio.

Wirless broadband is the way of the future IMHO. It would be
nice if us supposed wirless experts would take us their.

Just look at cellular. Look haw they've take our ideas, applied
them with their own rules and now beat the pants off us (mostly)
for every day communications (except for the price charged).

73

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1344. Re: 5 simple steps for better ham radio.

Newsgroup: rec.radio.amateur.space
Date: 2000-05-16 00:00:00 UTC
From: Glen Quarnstrom <glenq@cyberhighway.net>
Message-ID: <rq43is4l7c68ge9eo8i4qc0frp7i7hb622@4ax.com>
Source record: 9378
Cross-posted to: rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.scanner

mark_little_aus@my-deja.com wrote:

>Prospective Amateurs who listen to or read what Amateurs say about
>themselves have more than enough reasons to question whether it is a
>hobby to worth getting into. There was some young fellow in a recent
>post blowing off a lot of hot air about that fact that Amateurs like to
>talk, but not to listen. Although he was an angry little ant, there was
>a kernel of truth buried in the volumes of waffle. As a group, we seem
>to be more interested in making sure that everyone else is made to like
>what we like, and resisting the efforts of others to make us like what
>they like. The bands are large enough for everyone to what they want.
>Even natur recognises that survival depends on diversity, not
>mono-culture.
>
>To bastardise a quote "We have met the enemy, and they are us".

Well said.
--
glenq@cyberhighway.net
WB7DOW

http://www.cyberhighway.net/~glenq/

1345. Re: 5 simple steps for better ham radio.

Newsgroup: rec.radio.amateur.space
Date: 2000-05-16 00:00:00 UTC
From: Glen Quarnstrom <glenq@cyberhighway.net>
Message-ID: <0u43isggt7dnue0j51i22ro5rvqrpu1kok@4ax.com>
Source record: 9379
Cross-posted to: rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.scanner

Dr. Adams Apple <coontail@my-deja.com> wrote:

>Quality people haven't been interested in Amateur Radio
>for decades.

This is simply not true.

>Its mostly poor old lonely farts who have a physical disability and some
>blue moon contesters who sit and waste an entire weekend exchanging 59
>ers.

No, those are the minority that make the most noise.

What's a 59 ers?
--
glenq@cyberhighway.net
WB7DOW

http://www.cyberhighway.net/~glenq/

1346. Re: 5 simple steps for better ham radio. (Why should I care?) RESPONSE to Private email from BRIAN KELLY

Newsgroup: rec.radio.amateur.space
Date: 2000-05-16 00:00:00 UTC
From: PreCool <precoolNOprSPAM@email.com.invalid>
Message-ID: <069d4640.80fb2417@usw-ex0107-055.remarq.com>
Source record: 9380
Cross-posted to: rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.scanner

Actually, I agree that we as hams need to be more ready to
change. While he may be too harsh, I disagree on the following.
I'm a ham and want change. I don't mind if a scanner user
becomes a ham.

Beyond the bickering, there is a point. Now don't get me wrong.
Let's keep hope. Yet, everyone knows Ham radio is not as
advanced as many other technical hobbies.

Remember, to each his own. If you're happy with the status quo,
then God bless you.

So IMHO, we need innovation *AND* the rules to back it up. This
includes a revaluation of ecryption and further innovation where
two said mutually exclusive benifits can be made to work
together. For example have (at least a level of) encryption and
still keep business out.

What can we do about it??????????????????

73

* Sent from RemarQ http://www.remarq.com The Internet's Discussion Network *
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1347. Re: 5 simple steps for better ham radio.

Newsgroup: rec.radio.amateur.space
Date: 2000-05-17 00:00:00 UTC
From: konstans@oneleven.net
Message-ID: <39224384.109082743@nntp.one-eleven.net>
Source record: 9381
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

On 14 May 2000 01:07:41 GMT, Blake Bowers <bbowers@townsqr.com> wrote:

>
>
>Mark Morgan wrote:
>
>> >I can understand retesting for say, a drivers license, as the loss
>> >of those skills can kill someone. But retesting for HAM? Why?
>>
>> gievn the ammount of change that occours in electronics etc
>> retesting in some form on our 10 year renewals would likely mean that
>> the current crop of Hams for example I know several Extras who do not
>> know the RF emissions rules as well as I do as a mere tech.
>
>Again, why? The loss of the skills learned, in todays appliance
>operator enviroment, will result in no degradation to the hobby,
>the operator, or those around him.

RF emissions rules to take them as an example are a matter of
Safety, not merely to Ham himself, but to memebr of the public as
large same as a major change in driving a Car. Restesting is a way of
dealoling with this. A better way still would renewals testing that
focuses on Rules related, or safety related issues, but that might be
too cumbersome to introduce.

Vital to our hobby? Not really. But not a bad one, in addtion
it would tend to give us and the FCC a real picture of our numbers, by
seeing that those whoe migh not be active but keep renewing just
incase are sweep out. Of course that sort of pruning might be bad for
us the percentage of inactive Hams is as high as some like to
speculate

>
>
>> >> > Step 3: Two code elements, 13 wpm for General and 20 wpm for Extra.
>> >>
>> >> Forget this one. Code will be gone as a requirement very soon. Don't get
>> >> me wrong, I don't think this is necessarily a good thing.
>> >
>> >Yep. Code killed this hobby. If it had been killed 20 years ago, the
>> >hobby might still be viable, with the new blood it might have kept up.
>>
>> No code has not killed the hobby but its advocates sure seem
>> to be trying to kill it. The best case for NoCode is made by simply

>> looking at a creative minority of the ProCoders (creative minoroty a
>> large vocal visible group)
>>
>
>Well, let me rephrase. The requirement for code into any level of
>HAM radio did kill the hobby, not code itself. If there had been
>a no-code class of license 20 years ago, it would have allowed a lot
>of people into the hobby that would have helped to enhance and
>enlarge the hobby.

That will get no arguement for me
>
>Those people would have been more of a voice to the FCC, as well
>as helped to bring new technology to HAM radio.
>
>Instead, we declined.

1348. Re: 5 simple steps for better ham radio.

Newsgroup: rec.radio.amateur.space
Date: 2000-05-17 00:00:00 UTC
From: keltner <keltner@gateway.net>
Message-ID: <8fu8k9$im4$1@news.laserlink.net>
Source record: 9382
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

John Howard rules!! world's greatest adventure racer. of course he is
probly back in his bus cleaning his window washing equipment.

dave
<mark_little_aus@my-deja.com> wrote in message
news:8fkubijd1@nnrp1.deja.com...
> In article <391DBB6F.741CED50@IEEE.org>,
> W6RCecilA <Cecil.A.Moore@IEEE.org> wrote:
> > mark_little_aus@my-deja.com wrote:
> > >
> > > kw@bctv.com wrote:
> > > > I guess that depends on what "is" is.
> > >
> > > Sorry, That one went over my head.
> >
> > You don't recognize Clinton's infamous statement?
>
> Oh, I gather that it must be something to do with the Monica incident. I
> can't say that I took much interest in the story. Understandable, I
> guess, because I'm sure not too many people in this NG would be
> interested in what John Howard is doing - I'll let you figure that one
> out. ;-)
>
>
>
> Mark.
>
>
> Sent via Deja.com http://www.deja.com/
> Before you buy.

1349. Re: Ham-Space Digest V2000 #126 (AbsentWise)

Newsgroup: rec.radio.amateur.space
Date: 2000-05-17 00:00:00 UTC
From: malcolm.andrew@aeat.co.UK
Message-ID: <s922b87b.034@a-hgwd3.harwell.aeat.co.uk>
Source record: 9383

I am absent from 12 May 2000 until 19 May 2000. Please contact Duncan Mackay on 720 3388 or 01235 433388 if you need ungent help.

1350. FS: 10/6m vert., M2 SAT, & 6m beam Ants.(SAT Ants & 6m beam sold)

Newsgroup: rec.radio.amateur.space
Date: 2000-05-17 00:00:00 UTC
From: Howard Rudy <hrudy@lgcy.com>
Message-ID: <3922E174.2A951C65@lgcy.com>
Source record: 9384

The M2 SAT Ants & 6m beam have been sold.
Still have the

New In Box Comet Ant CA-350DB 10/6 m dual band vert.
10m 2.15db gain & 6m 6.5db gain 22.6 ft long 6.4lbs.
new price $200 asking $125.00 + shipping.

contact <hrudy@lgcy>
THANKS for the fast sales.

73's KA7YWO
Howard
SLC, UT.

1351. InstantTrak help needed

Newsgroup: rec.radio.amateur.space
Date: 2000-05-18 00:00:00 UTC
From: abrayten@aol.com
Message-ID: <20000518062030.02230.00000001@ng-bj1.aol.com>
Source record: 9385

After having downloaded the software to deal with date 2000 change for IT, there are two satellites which are appearing different from the others on the screen, MIR, and ISS. Each is represented by a larger white spot on the screen, has no footprint circling that enlargened spot. Any ideas as to why?

1352. Re: Ham-Space Digest V2000 #127 (AbsentWise)

Newsgroup: rec.radio.amateur.space
Date: 2000-05-18 00:00:00 UTC
From: malcolm.andrew@aeat.co.UK
Message-ID: <s923ed40.026@a-hgwd3.harwell.aeat.co.uk>
Source record: 9386

I am absent from 12 May 2000 until 19 May 2000. Please contact Duncan Mackay on 720 3388 or 01235 433388 if you need ungent help.

1353. Live voice & text chat for hams

Newsgroup: rec.radio.amateur.space
Date: 2000-05-19 00:00:00 UTC
From: MITBR <mitbr@earthlink.net>
Message-ID: <Vx%U4.2631$S31.44623@newsread2.prod.itd.earthlink.net>
Source record: 9387
Cross-posted to: nl.radio.amateur,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.space,rec.radio.shortwave,tw.bbs.rec.radio.amateur

Hello folks!!
Just wanted to let everyone know that there has been major improvements to
the world wide voice & Text chat system for hams!! There is now the
provision for private chat rooms. The idea is that you wait for someone to
arrive in the main chat then go to a private chat with them if you wish. The
audio in the system rivals that of anything currently available and also
supports a text chat on the same screen. Use the system to set up skeds,
check the muf on a freq, meet new hams, have meetings or just plain ragchew.
Go to the url here to directly enter the chat
http://home.earthlink.net/~mitbr/AmateurRadioChat.htm
If no ones there when you arrive simply hang around for awhile while you
surf the net some one will come along!! Spread the word folks .
Tim Breckon-- --
Please visit my web site url below
Tampa Bay Radio Page
http://home.earthlink.net/~mitbr/Mi01000.htm

1354. Re: Ham-Space Digest V2000 #128 (AbsentWise)

Newsgroup: rec.radio.amateur.space
Date: 2000-05-19 00:00:00 UTC
From: malcolm.andrew@aeat.co.UK
Message-ID: <s9254101.090@a-hgwd3.harwell.aeat.co.uk>
Source record: 9388

I am absent from 12 May 2000 until 19 May 2000. Please contact Duncan Mackay on 720 3388 or 01235 433388 if you need ungent help.

1355. Re: Live voice & text chat for hams

Newsgroup: rec.radio.amateur.space
Date: 2000-05-19 00:00:00 UTC
From: Bill Cromwell <bcromwell1@earthlink.net>
Message-ID: <%GiV4.4748$S31.129690@newsread2.prod.itd.earthlink.net>
Source record: 9389
Cross-posted to: nl.radio.amateur,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.space,rec.radio.shortwave,tw.bbs.rec.radio.amateur

I do that on 40.

1356. Re: m2 egg beaters

Newsgroup: rec.radio.amateur.space
Date: 2000-05-19 00:00:00 UTC
From: Manuel Perry <mperry5@ix.netcom.com>
Message-ID: <3925DDB8.9DB2597A@ix.netcom.com>
Source record: 9390

Hi Larry,

I've had a set of M2 eggbeater antennas (2m and 70 cm) for a couple of years now and I'm quite happy with them. I can hit RS-12/13 and the Fuji birds with no problem. The antennas are mounted in my attic. Get the radial kits. I also highly recommend getting an external preamp, at least for the 70cm antenna. makes a bif difference. They work great for local repeater work too.

Good luck,

Manny
KQ6FQ

1357. Re: Live voice & text chat for hams

Newsgroup: rec.radio.amateur.space
Date: 2000-05-19 00:00:00 UTC
From: Louis Bybee <louisb@datacomm.com>
Message-ID: <3925E057.1460DA90@datacomm.com>
Source record: 9391
Cross-posted to: nl.radio.amateur,rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.space,rec.radio.shortwave,tw.bbs.rec.radio.amateur

I have a Ham friend that can do it without even turning on his radio.
:-]

Louis

Bill Cromwell wrote:
>
> I do that on 40.

1358. Re: 5 simple steps for better ham radio.

Newsgroup: rec.radio.amateur.space
Date: 2000-05-19 00:00:00 UTC
From: Charles Fregeau <n5hsr@sprynet.com>
Message-ID: <3925FA29.5EBADFE@sprynet.com>
Source record: 9392
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

You must have missed Our Fearless Leader (certainly doesn't merit title
Leader of the Free World) who made that statement during his impeachment
hearings a couple years back.

Charles R
N5HSR/9/AE
You can accuse me of being a no-class Extra, but not a No-Code extra.
<g>
Veteran of 11 years of Bill Clinton's unique governorship of Arkansas.

mark_little_aus@my-deja.com wrote:
>
> In article <391D3583.B10812F@bctv.com>,
> kw@bctv.com wrote:
>
> > > I think that the ideas presented by a poster either have merit, or
> > > don't. A valid email address doesn't make it any more sensible if it
> is
> > > stupid or any less credible if it is well thought out.
> > >
> > > Having said that, using "Integrity" does seem a triffle pretentious
> to
> > > me. :-)
> >
> > I guess that depends on what "is" is.
>
> Sorry, That one went over my head.
>
> Mark.
>
> Sent via Deja.com http://www.deja.com/
> Before you buy.

1359. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-05-21 00:00:00 UTC
From: konstans@oneleven.net
Message-ID: <39286327.3131180@nntp.one-eleven.net>
Source record: 9393
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc

On Fri, 12 May 2000 13:43:59 GMT, General Mark Morgan
<one.big.asshole@ahole.com> wrote:

>Well good for you Mark... I was just pointing out that your
>statement about the 2 year license is not as ancient as the one year
>non-renewable which I held in 1966, now that's ancient....

I never made a statement about Having such a license you llie
sack of shit so what the rest of it
>
>Mark Morgan wrote:
>>
>> On Tue, 09 May 2000 13:20:03 GMT, General Mark Morgan
>> <one.big.asshole@ahole.com> wrote:
>>
>> >I guess my novice license was from a 'really' ancient era (1966),
>> >one year non-renewable.
>>
>> What are you trying to do make that I claim an anceint Novice
>> license and then "prove" I never held one. I Mark Morgan, KB9RQZ never
>> held a Novice license General Morgan
>> >
>> >"M. Schneider" wrote:
>> >>
>> >> Nah, it's long gone. All I remember is that it was expired when I got back.
>> >> The FCC office didn't give a S--T that I'd been in no position to do
>> >> anything about upgrading and the person on the phone made a snotty comment
>> >> about govt. killers not getting any special treatment. I suggested that
>> >> with an attitude like his he needed to be careful what he said to "govt
>> >> killers" and hung up. A couple of days later I got a visit from an FBI
>> >> agent concerning "threats" I'd made to a govt. employee. He was a much more
>> >> reasonable person, and after listening to my story, told me not to worry
>> >> about it, SHOOK MY HAND! and said thank you, and left. (If it sounds like
>> >> that meant alot to me, it did!) But I figured it would be a good idea if I
>> >> avoided the FCC for awhile. No matter, I'll get my upgrade now on my own
>> >> merits.
>> >> Mark
>> >>
>> >> > If your still have your orignal Novice license you might want to check the
>> >> > length it was valid. Mine is from that ancient era and says 2 years non
>> >> > renewable. Then they made it 5 years renewable and then 10 renewable.
>> >> >

1360. WTB Drake 2880

Newsgroup: rec.radio.amateur.space
Date: 2000-05-22 00:00:00 UTC
From: Tim Elder <telder@1st.net>
Message-ID: <%HhW4.158$pp6.2924@news>
Source record: 9299

Hi everyone,
Does anyone have a couple of Drake 2880 downconverters for sale?Or does anyone know if an online source may still have some for sale?
Thanks,
Tim
n8zva

1361. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-05-22 00:00:00 UTC
From: "radiosigs@mindspring.com" <radiosigs@mindspring.com>
Message-ID: <8gcc12lkf1@nntp9.atl.mindspring.net>
Source record: 9300
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc

I had the FBI here a few years ago to ask me questions about WB9BCC's claim
of having been awarded the Medal of Honor. They should have thrown that
s.o.b. in jail for doing it. The agent visiting me was a gentleman and I
felt no intimidation whatsoever-just a cold shivering effect along my yellow
spine.
AF2Y,Doc

In article <39286327.3131180@nntp.one-eleven.net>, konstans@oneleven.net
(Mark Morgan) wrote:

>
>>> >> Nah, it's long gone. All I remember is that it was expired when I got
back.
>>> >> The FCC office didn't give a S--T that I'd been in no position to do
>>> >> anything about upgrading and the person on the phone made a snotty
comment
>>> >> about govt. killers not getting any special treatment. I suggested that
>>> >> with an attitude like his he needed to be careful what he said to "govt
>>> >> killers" and hung up. A couple of days later I got a visit from an FBI
>>> >> agent concerning "threats" I'd made to a govt. employee. He was a much
more
>>> >> reasonable person, and after listening to my story, told me not to worry
>>> >> about it, SHOOK MY HAND! and said thank you, and left. (If it sounds
like
>>> >> that meant alot to me, it did!) But I figured it would be a good idea if
I
>>> >> avoided the FCC for awhile. No matter, I'll get my upgrade now on my own
>>> >> merits.
>>> >> Mark
>>> >>

1362. Re: Mode JA question

Newsgroup: rec.radio.amateur.space
Date: 2000-05-22 00:00:00 UTC
From: Ralph Mowery <rmowery@dialpoint.net>
Message-ID: <3929CCB9.9EE1EAC5@dialpoint.net>
Source record: 9301

The JA mode only refers to using 2 meters up and 435 mhz for the
downlink. Some are for FM and others while you can use FM it is not a
good practice. If the sat is using a linear transponder then any mode
can be used. It is not good to run FM on the sats that are not made for
it as you use up a lot of bandwidth and mainly the batteries or other
power source.

Please only use FM on the sats that are FM only.

Agent I wrote:
>
> I have a question about mode JA operations. I know it's analog but can I do
> voice FM on a sat that is running Mode JA?
>
> -

1363. Mode JA question

Newsgroup: rec.radio.amateur.space
Date: 2000-05-22 00:00:00 UTC
From: Agent I <I@theoffice.net>
Message-ID: <8galbc$4hv$1@grandprime.binc.net>
Source record: 9394

I have a question about mode JA operations. I know it's analog but can I do voice FM on a sat that is running Mode JA?

- Carl
KB9UNG

"It just goes to show you, it's always something. If it's not one thing it's another."
- Gilda Radner as Roseanne Roseannadanna

http://www.mailbag.com/users/meteu/

SETI@Home users, check out my website to see my SETI@Home page. You can even join my SETI group.

1364. Re: UO 14 QRM

Newsgroup: rec.radio.amateur.space
Date: 2000-05-22 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8ihvno.h3m.nomail@linux.pe1chl.ampr.org>
Source record: 9395

Peter Hodgson <va3pkh@rac.ca> wrote:
>I have been hearing what appears to be
>repeater output on the UO14 downlink recently.
>It is usually two people having a QSO and can be heard
>throughout the pass, I have never heard a call sign although yesterday
>one of the operators mentioned being mobile at the intersection of
>"Delaware & Broadway". No repeater courtesy tone is heard, so they could
>be simplex. They are obviously not hearing the sat. Does anyone else
>operating on UO14 hear this?

I have not recently used UO14, but back when it was available for amateur use after launch, it was often noticed that it was difficult to get anything uploaded. Jeff Ward then switched on this repeater mode for a short time, and could hear the same problem.

Probably not the same guys, as it was over Europe. But it seems to be quite usual for dealerships in certain countries to sell amateur radio equipment to people wanting mobile radio for some special purpose, like taxi companies, who do not qualify for- or do not want to bother with licensing. They tell them to tune it somewhere high in the band, where amateurs will not bother them.

The traffic Jeff heard was most likely from Spain. But here in the Netherlands, I could also hear pirates on the uplink. They held long talks mostly without mentioning callsigns, but occasionally people working at a hamradio store were also involved. Apparently they don't bother whom they sell their equipment to, as long as they get the money.

Back then, that was illegal. But local laws have since been adjusted down to European union level, and now this is perfectly legal, just as in Spain.

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

1365. Re: Mode JA question

Newsgroup: rec.radio.amateur.space
Date: 2000-05-22 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8ihv5b.h3m.nomail@linux.pe1chl.ampr.org>
Source record: 9396
Body handling: HTML body converted to readable text

Agent I wrote:
>I have a question about mode JA operations. I know it's analog but can I do
>voice FM on a sat that is running Mode JA?

You can, but it would be very antisocial.
You will take all the transponder power and bandwidth to yourself for your
single QSO, while in SSB it can be used for many QSOs at lower power.

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

1366. Re: Aircom Plus coax -- any good?

Newsgroup: rec.radio.amateur.space
Date: 2000-05-22 00:00:00 UTC
From: Rick Manns <rick@solcomguam.com>
Message-ID: <8gbdmj$5ta$1@brokaw.wa.com>
Source record: 9397
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.space

Eric,

The Aircom coax is fine (at least for what we are using it for). We have two runs at about 100 feet for our up and down links between the up/down converters and the outdoor equipment (amps, etc.) The higher frequency at just over 2 GHz seems to be okay. I don't have the exact figures on attenuation, but can get it for you if you need them. I suspect you want to know who it holds up over time. We have had this system up now for two or three years with no problems with the feed lines (most of the runs are admittedly protected in under ground conduits). We had a Typhoon hit a couple of years ago that blew the new dish down (6 meter) and we only replaced the connectors due to being broken and to eliminate fears of water damage, otherwise to coax was okay. The connectors, I recall are special for that coax, at least that is what the engineer that supervised the installation told me and provided me with (I believe him).

By the way, the operation on this end is for University of Guam's PeaceSat earth station using a couple of retired GOES satellites for distance education here in the Pacific.

Please feel free to contact me if you need any other information I may able to provide you with on the coax, etc.

73

--
Richard Manns - KB6IDK
rmanns@kuentos.guam.net
rick@solcomguam.com - SolCom
rmanns@uog9.uog.edu - temp off line.
"Eric F. Richards" <efricha@dimensional.com> wrote in message
news:385gis0bmfntldstvgtfh6b7vk1if7h75p@4ax.com...
> Greetings, all,
>
> I've seen ads in the back of QST for some time now for AIRCOM PLUS
> coax. I'm currently on the lookout for some low loss coax for a
> 150 ft. run, receive only, good to 2 GHz. Yes, a preamp will be
> used but experience has shown me that there are times when the
> preamp must be bypassed so a relatively low-loss coax would be
> helpful.
>
> The antenna being fed is a 60 foot parabolic dish, so the coax
> will have to be capable of handling some flexing as the dish
> moves through AZ and EL tracking.
>

> Yes, I'd like LDF5-50A but it's out of my price range at the
> moment.... :-(Any thoughts on the Aircom coax or alternatives?
>
> Thankx much in advance,
>
> 73, Eric, KB0YDN
>
> --
> Eric F. Richards
> efricha@dimensional.com
>
> "The weird part is that I can feel productive even when I'm doomed."
> - Dilbert

1367. * SpaceNews 22-May-00 *

Newsgroup: rec.radio.amateur.space
Date: 2000-05-22 00:00:00 UTC
From: John Magliacane <magliaco@email.njin.net>
Message-ID: <Pine.GSO.4.21.0005221056280.21001-100000@pilot.njin.net>
Source record: 9398

SB NEWS @ AMSAT $SPC0522
* SpaceNews 22-May-00 *

BID: $SPC0522

=========
SpaceNews
=========

MONDAY MAY 22, 2000

* OSCAR-11 NEWS *
=================
During the period 15th April to 16 May 2000, fairly good signals
have been received from OSCAR-11's VHF-FM beacon on 145.826 MHz.
The battery voltage during daylight passes has continued to decrease.
The average value observed was 13.6, with a range of 13.1 to 14.0 volts.

The internal temperatures have again decreased, by about two degrees C.
They are now 0.6C and -0.6C for battery and telemetry electronics
respectively. Further reductions in temperature are expected until
July.

The Z axis magnetorquer counter reached its maximum value of 1024
towards the end of April. This has stopped further magnetorquer firings,
and the attitude is now being controlled solely by the passive gravity
gradient boom. The magnetometer readings indicate that the attitude
remains nominal. The spin period has steadily increased during the
month from -231 to -324 seconds. Ground control operations are
needed to reset the counters.

A single WOD survey of channels 10, 20, 30, 40 (+Y, -X, +X solar array
currents, array voltage) dated January 06 has been transmitted. Note
the year of this WOD survey is incorrectly displayed as 99. This survey
clearly shows the solar eclipses, and a spin period of 340 seconds.

Users should note that the date in the hardware generated ASCII
telemetry is now advanced by THREE days, and the other dates (which
are generated by software) are advanced by ONE day. Ground control
may be able to correct the software generated dates, but not the
hardware generated date.

The Mode-S beacon has been heard by Alan G2HIO, who reports good
signals. He uses a 5-ft dish, with 1.5t loop, and Drake converter.

OSCAR-11's operating schedule remains unchanged:

ASCII status (210 seconds)
ASCII bulletin (60 seconds)
BINARY SEU (30 seconds)
ASCII TLM (90 seconds)
ASCII WOD (120 seconds)
ASCII bulletin (60 seconds)
BINARY ENG (30 seconds)

The ASCII bulletin is currently a static message, detailing modes and frequencies of all the amateur radio satellites. There are additional status blocks after each bulletin is transmitted, and between ASCII TLM and WOD.

The Mode-S beacon is ON, transmitting an unmodulated carrier, but telemetry indicates that it has partially failed, and delivering half power. This beacon is a useful test source for those testing Mode-S converters, prior to the launch of P3-D. However, the signals are very weak, and there is a lot of Doppler shift. Users should also note that the polarization of OSCAR-11 is left-hand circular. Even if you can't hear OSCAR-11, your equipment may still be okay for P3-D.

Any reports of OSCAR-11 reception on 2401 MHz would be most welcome, and should be directed to Clive Wallis via email at: g3cwv@amsat.org.

OSCAR-11's 435.025 MHz beacon is normally OFF, but it can sometimes be heard when the satellite is being commanded by ground control, ie. within range of Guildford, UK. When this beacon is transmitting, the 145 MHz beacon is normally OFF. The data transmitted is mainly binary.

Listeners to OSCAR-11 may be interested in visiting a web site dedicated to the satellite. The site contains details of hardware required and some software for capturing data, and decoding ASCII telemetry and WOD. There is an archive of raw data (mainly WOD) for analysis, which is continually being expanded as new data is captured. Also included are some audio files that include examples of each type of data transmitted by OSCAR-11. Each one plays for about ten seconds. There are also examples of Mode-S reception. All the audio files are zipped so that they can be played off-line. These are designed to help listeners identify the various types of data transmitted by the satellite, and give an indication of the signal quality required for successful decoding.

The OSCAR-11 Web Page is located at:

http://www.users.zetnet.co.uk/clivew/

[Info via Clive Wallis, G3CWV (g3cwv@amsat.org)]

* SUNSAT NEWS *
==========
"Sunsat will now also offer digital services", Johann Lochner, ZR1CBC of the SUNSAT SO35 command team at the University of Stellebosch announced late last week.

When the orbit permits the acquisition of high resolution images, image data will be broadcast in an unconnected AX.25 data stream across the world. Radio amateurs can collect data in KISS format and merge it via the Internet. This process will reduce the download times of the 50 MB images considerably.

Satellite operators with PACSAT stations are invited to join this project. Visit Sunsat's web page, at:

http://sunsat.ee.sun.ac.za/index.html

for more information.

Periodic announcements, bulletins, status information and calibrated telemetry will be transmitted as unconnected AX.25 packets, to be displayed in human readable format by terminal software.

Digipeating of unconnected AX.25 packets will be activated. It could, for example, be used for relaying low bandwidth APRS data.

These services will be enabled for all non-voice passes over Dayton, in the USA, during their annual Hamvention from 19 to 21 May. During the next few weeks the schedule is to be extended to a continuous service, except for when the voice repeater is active.

For South Africa, week-day/night passes will be used by the Sunsat control station. On weekends, the voice repeater will operate as at present. Typically one pass per day will be used for control purposes. On remaining weekend passes, digital services will be active. Schedules are published on the Sunsat web page.

[Info via Hans van de Groenendaal, ZS5AKV]

* JAWSAT WO-39 RESET *
==========
Randy Kohlwey, N7SFI, reports that reset commands were sent to the JAWSAT satellite late last week. He would appreciate receiving reports from anyone who hears the satellite on 437.070 and/or 437.175 MHz. A reply to the reset command was never received by ground controllers last week.

The beacons should be on for 30 seconds with 9600 bps GMSK modulation. A telemetry packet is sent at the start and at the end of the 30 second transmission. The time between beacons is 90 seconds for 437.175 MHz and 255 seconds for 437.070 MHz.

Controllers are assuming that the WO-39 is object number 26061, but in case it is not they also sent reset signal to objects 26064 (FALCONSAT) and 26065 (ASUSAT). Replies were not received from these satellites either.

[Info via Randy N7SFI, and Paul KC7QFS]

* AMRAD-OSCAR-27 NEWS *
==========
Last week, Chuck, KM4NZ, reset AO-27's TEPR settings to permit longer

transponder operation towards the equator. The settings are now as follows:

TEPR 4 is 42
TEPR 5 is 78

[Info via Chuck Wyrick, KM4NZ]

* SECOND CALL FOR PAPERS *
==========
The 18th AMSAT-NA Annual Meeting and Space Symposium will be held October 27-29th, 2000 (Friday-Sunday) at the Holiday Inn West in Portland, Maine. This is the second call to authors who wish to submit papers for presentation and publication in the Proceedings document of the Symposium.

Topics covering the diverse aspects of the Amateur Radio satellite disciplines are sought from throughout the AMSAT community. If authors do not wish to present a paper but have a topic of interest, they are asked to submit the topic and perhaps arrangements can be made for presentation and publication in the Proceedings document.

Key deadline dates for authors are as follows:

June 1, 2000 - Final due date for one-page abstracts.

When submitting abstracts, authors should include any time preferences for presentation. Authors will be advised by e-mail and/or postal mail shortly after June 1, 2000 (if their paper has been accepted or not).

August 1, 2000 - Camera ready copy due.

This is the final due date for authors to submit camera-ready copy of their paper (authors are urged to submit their papers in advance of this deadline). Upon receipt, papers will only be superficially edited and will generally be printed as submitted. Authors are asked to refer to past proceedings for the grammatical layout of papers. Authors are also requested to provide an electronic copy preferably in any version of Microsoft Word or WordPerfect in the event a disaster is spotted and can be corrected at the last minute.

In September, authors will be provided with a tentative Symposium agenda that provides the time they will make their presentations. Each presentation should be limited to approximately 20 minutes.

Abstracts and papers should be sent to:

George Caswell, Sr., W1ME
16 Westwood Avenue
Scarborough, Maine 04074

More information is available by e-mail at: w1me@amsat.org

[Info via the AMSAT-NA News Service]

* FEEDBACK/INPUT WELCOMED *
==========
Comments and input for SpaceNews should be directed to the editor
(John, KD2BD) via any of the paths listed below:

WWW: http://www.njin.net/~magliaco/
MAIL: John A. Magliacane, KD2BD
Department of Engineering and Technology
Brookdale Community College
765 Newman Springs Road
Lincroft, New Jersey 07738
U.S.A.
PACKET: KD2BD @ N2TDU.NJ.USA.NA
INTERNET: kd2bd@amsat.org, magliaco@email.njin.net
SATELLITE: AMSAT-OSCAR-16, KITSAT-OSCAR-25

<<=- SpaceNews: The first amateur newsletter read in space! -=>>
<<=- Serving the planet (and beyond) since 1987 -=>>

/EX

--
-=-=-=-=-=-=-=-=-=-=-=-=- John A. Magliacane, KD2BD -=-=-=-=-=-=-=-=-=-=-=-=-
Internet : kd2bd@amsat.org | Voice : +1.732.224.2948
Satellite : AO-16, KO-25 | Morse : -.- -.. ..--- -... -..
Packet : KD2BD @ N2TDU.NJ.USA.NA | WWW : http://www.njin.net/~magliaco/
Video : 426.250 MHz/439.250 MHz | FAX : +1.732.224.2060
-=-=-=-=-=-=-=-=-=-=-=-=- Linux Doesn't Cost. It Pays. -=-=-=-=-=-=-=-=-=-=-=-=-

1368. Fresh Keps

Newsgroup: rec.radio.amateur.space
Date: 2000-05-23 00:00:00 UTC
From: "J.A." <jca1954@iprimus.com.au>
Message-ID: <3928f0bb@news.iprimus.com.au>
Source record: 9302

Can anyone suggest a site where I am able to download updated keps ?
The site's I have in my favourites are up to two day's old !

1369. Re: WTB: Kenpro KR500 Control Box

Newsgroup: rec.radio.amateur.space
Date: 2000-05-23 00:00:00 UTC
From: Jim McGhee <jmcghee@ticnet.com>
Message-ID: <64A28438ACE07478.EC249B7C8C371390.CA21B78D0684A102@lp.airnews.net>
Source record: 9303

Hi,
Still looking?

Jim

"D. Vanderplough" wrote:
>
> I recently came in possesion of a Kenpro KR500 elevation rotor without the
> control box. I understand it's the same rotor as the Yaesu G500A. I am
> looking for a control box in good condition.
>
> Dan K9RQ
> davander@home.com

--
Give your problems to God.
Might as well... He's going to be up all night anyway.

1370. Re: Fresh Keps

Newsgroup: rec.radio.amateur.space
Date: 2000-05-23 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8ikhai.h3m.nomail@linux.pe1chl.ampr.org>
Source record: 9304

J.A. <jca1954@iprimus.com.au> wrote:
>Can anyone suggest a site where I am able to download updated keps ?
>The site's I have in my favourites are up to two day's old !

That sounds reasonably fresh to me... you only need better ones for
missions that have their own propulsion system. And for those, the sites
usually provide separate keps.
(Shuttle, Mir, Space station)

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

1371. Re: UO 14 QRM

Newsgroup: rec.radio.amateur.space
Date: 2000-05-23 00:00:00 UTC
From: Alain De Carolis <alain@alain.net>
Message-ID: <392A7001.2B82107B@alain.net>
Source record: 9305

Peter

I have also noticed same problem on uo-14 uplink when the bird was over
middle east. I heard then on more than one pass. They were probably
speaking Arabian language without any callsign identification.

73's
Alain iz6byy

Peter Hodgson wrote:
>
> I have been hearing what appears to be
> repeater output on the UO14 downlink recently.
> It is usually two people having a QSO and can be heard
> throughout the pass, I have never heard a call sign although yesterday
> one of the operators mentioned being mobile at the intersection of
> "Delaware & Broadway". No repeater courtesy tone is heard, so they could
> be simplex. They are obviously not hearing the sat. Does anyone else
> operating on UO14 hear this?
>
> 73
>
> Peter
> VA3PKH
> FN14

1372. Re: How good is your memory about antennas?

Newsgroup: rec.radio.amateur.space
Date: 2000-05-23 00:00:00 UTC
From: Jim Jerzycke <kq6ea@pacbell.net>
Message-ID: <392AE819.577E53A3@pacbell.net>
Source record: 9306

Try this site. I built two of these (2M, 70cm) and they work very well.
http://members.aol.com/k5oe
73, Jim

1373. AO-10 apogee during NA Field Day

Newsgroup: rec.radio.amateur.space
Date: 2000-05-23 00:00:00 UTC
From: Al Groth <kd4va@sumter.net>
Message-ID: <392af535.0@ns3.sumter.net>
Source record: 9307

For planning purposes, does anyone know where (roughly) the AO-10 apogee subpoint will be during the N.A. Field Day later on in June? Right now, it's approximately west-central S.A. with a very favorable orbit for NA, Europe, NW Africa and SA (from a SE USA observer viewpoint). I plan on battery ops (without computer controlled antennas) using K5OE's "AO-10 antenna" during 'field day. Comments appreciated.

Al kd4va@sumter.net
Sumter, SC

1374. Re: FT-736 or IC-970

Newsgroup: rec.radio.amateur.space
Date: 2000-05-23 00:00:00 UTC
From: Jim Jerzycke <kq6ea@pacbell.net>
Message-ID: <392B0D04.7B96E8A3@pacbell.net>
Source record: 9308

Where did you hear they have a replacement for the 847? And, just for my curiosity, what do you mean by "It has a lot of problems"? Maybe the early ones were less than hoped for, but the later ones are much better. If by "problems" you meant that it isn't particularly good on HF, I'd tend to agree. But then, I didn't buy mine to use on HF.......that's what my MP is for.
73, Jim

1375. UO-14 turned off?

Newsgroup: rec.radio.amateur.space
Date: 2000-05-23 00:00:00 UTC
From: jim madden <jmadden@pop.nwnexus.com>
Message-ID: <8gfrma$pn0$1@brokaw.wa.com>
Source record: 9309

For the past several nights I have not been able to pick up any
transmissions from UO-14. Have others been able to hear it?

1376. Re: Aircom Plus coax -- any good?

Newsgroup: rec.radio.amateur.space
Date: 2000-05-24 00:00:00 UTC
From: Jeff Grey <cdma77@aol.com>
Message-ID: <392B5460.410B@aol.com>
Source record: 9310
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.space

Eric F. Richards wrote:
>
> Greetings, all,
>
> I've seen ads in the back of QST for some time now for AIRCOM PLUS
> coax. I'm currently on the lookout for some low loss coax for a
> 150 ft. run, receive only, good to 2 GHz. Yes, a preamp will be
> used but experience has shown me that there are times when the
> preamp must be bypassed so a relatively low-loss coax would be
> helpful.
>
> The antenna being fed is a 60 foot parabolic dish, so the coax
> will have to be capable of handling some flexing as the dish
> moves through AZ and EL tracking.
>
> Yes, I'd like LDF5-50A but it's out of my price range at the
> moment.... :-(Any thoughts on the Aircom coax or alternatives?
>
> Thankx much in advance,
>
> 73, Eric, KB0YDN
>
> --
> Eric F. Richards
> efricha@dimensional.com
>
> "The weird part is that I can feel productive even when I'm doomed."
> - Dilbert

Eric,

Check he swap pages for coax. You can get Andrew cable at a cheap
price. Try QTH.com

Jeff
N8EIP

1377. mir news

Newsgroup: rec.radio.amateur.space
Date: 2000-05-24 00:00:00 UTC
From: Davev <dvari@adelphia.net>
Message-ID: <VeQW4.2242$D%2.53819@news1.news.adelphia.net>
Source record: 9311

check it out.
ttyl de dave

http://www.cnn.com/2000/TECH/space/05/22/space.russia.mir.reut/index.html

1378. Re: Aircom Plus coax -- any good?

Newsgroup: rec.radio.amateur.space
Date: 2000-05-24 00:00:00 UTC
From: Jack Taylor <n7oo@theriver.com>
Message-ID: <s8TW4.123138$VR.2190243@news5.giganews.com>
Source record: 9312
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.space

Eric, have you ruled out using inexpensive RG-6? This is what most of us TV dish heads use. It's very inexpensive as are the F style fittings. 150 ft run shouldn't require a line amplifier and the RG-6 (15 - 20 cents per ft) is good to 2 GHz.

73 de Jack

Jeff Grey wrote in message <392B5460.410B@aol.com>...
>Eric F. Richards wrote:
>>
>> Greetings, all,
>>
>> I've seen ads in the back of QST for some time now for AIRCOM PLUS
>> coax. I'm currently on the lookout for some low loss coax for a
>> 150 ft. run, receive only, good to 2 GHz. Yes, a preamp will be
>> used but experience has shown me that there are times when the
>> preamp must be bypassed so a relatively low-loss coax would be
>> helpful.
>>
>> The antenna being fed is a 60 foot parabolic dish, so the coax
>> will have to be capable of handling some flexing as the dish
>> moves through AZ and EL tracking.
>>
>> Yes, I'd like LDF5-50A but it's out of my price range at the
>> moment.... :-(Any thoughts on the Aircom coax or alternatives?
>>
>> Thankx much in advance,
>>
>> 73, Eric, KB0YDN
>>
>> --
>> Eric F. Richards
>> efricha@dimensional.com
>>
>> "The weird part is that I can feel productive even when I'm doomed."
>> - Dilbert
>
>
>Eric,
>
>Check he swap pages for coax. You can get Andrew cable at a cheap
>price. Try QTH.com
>
>Jeff

>N8EIP

1379. Mid Hants Rally Raffle prizes update

Newsgroup: rec.radio.amateur.space
Date: 2000-05-24 00:00:00 UTC
From: Chriss <chris@privateer.co.uk>
Message-ID: <8ghfirgbr1@news6.svr.pol.co.uk>
Source record: 9313
Cross-posted to: alt.ham-radio,free.uk.amateur-radio,rec.radio.amateur.space,uk.radio.amateur

Hi All
Just to let you all know the Mid Hants Radio Rally is very soon, on Sunday 4th June.

Entry is 1.50 UKP which includes a raffle ticket entry in the form of a 'Lucky Program'

This raffle is to support the Radio Amateur Invalid & Blind Club, and ALL proceeds from this raffle will be going to them.

Prizes donated so far are:

An A4 hi res flatbed scanner, donated by www.ebay.co.uk (worth 60 UKP)
A Millennium Gold Plated Paddle Key donated by the RSGB, (worth 90 UKP)
A 'Backyard Antennas' book, donated by the RSGB.
Two World Time Clocks, donated by ICOM.
A DIY Digital Intruder Alarm System, worth over 250 UKP
Beer and Wine

Plus more on the day.....
Just updated the website, so for more info and directions, go to www.g0wyf.freeserve.co.uk NOW!

1380. Which radio better for satellite work?

Newsgroup: rec.radio.amateur.space
Date: 2000-05-24 00:00:00 UTC
From: Leonard K <lkleinow@home.com>
Message-ID: <3VZW4.86888$h01.627777@news1.rdc1.mi.home.com>
Source record: 9314

Which radio is better for satellite work, the Icom 706 MKIIG or the Yaesu FT-100? I have read that the Icom can't receive on one band while transmitting on another, which is a drawback for sat. How about the Yaesu?

Thanks,
Len KB8QNV

1381. Re: Aircom Plus coax -- any good?

Newsgroup: rec.radio.amateur.space
Date: 2000-05-25 00:00:00 UTC
From: "Eric F. Richards" <efricha@dimensional.com>
Message-ID: <pvfpis05nd9e6bgg8ukr6a7h19gdmq9kme@4ax.com>
Source record: 9315
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.space

"Jack Taylor" <n7oo@theriver.com> wrote:

> Eric, have you ruled out using inexpensive RG-6? This is what most of us TV
> dish heads use. It's very inexpensive as are the F style fittings. 150 ft
> run shouldn't require a line amplifier and the RG-6 (15 - 20 cents per ft)
> is good to 2 GHz.
>
> 73 de Jack

Actually, we've had some, uh, discussions about this... some people strongly believe in a cheap coax because there'll be a preamp. But we have already run one mission where the preamp was suspect and thus bypassed during the run, so I want the best we can get. It so happens we got a great deal on LDF5-50A for another dish run and a donation of a box full of Andrew connectors for it, so that part of the expense is already covered... the Aircom just looked like a good intermediate step since what we have now is waterlogged, UV damaged and unusable.

RG-6 came up, but I don't think it's durable enough for all we'd be putting it through. I also don't want the impedence mismatch if we are doing any interferometry or spectroscopy. (We actually have TWO of the 60 ft. dishes; the other one will be fed by the 80 ft length of LDF5-50A and a hardline run of RG-333 -- another donation.)

(The things are surplus gov't property; we lease them and pay thru the nose on liability insurance, which is why the cupboard is bare...)

> Jeff Grey wrote in message <392B5460.410B@aol.com>...
> >Eric,
> >
> >Check he swap pages for coax. You can get Andrew cable at a cheap
> >price. Try QTH.com
> >

Jeff,

Thanks for the tip -- looks very promising!

Eric

--
Eric F. Richards
efricha@dimensional.com

"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

1382. Satellite Tracking

Newsgroup: rec.radio.amateur.space
Date: 2000-05-26 00:00:00 UTC
From: gutsyme <tayger1@netscape.net>
Message-ID: <392E160C.88799E38@netscape.net>
Source record: 9316

Do any of you know of a web page which links to a real time satellite orbital tracking site? I am looking for one which is on full time and has the amateur birds listed. Thanks.

1383. Re: Satellite Tracking

Newsgroup: rec.radio.amateur.space
Date: 2000-05-26 00:00:00 UTC
From: Barry <x123x123@yahoo.com>
Message-ID: <vNtX4.100132$55.2206956@news2.rdc1.on.home.com>
Source record: 9317

gutsyme <tayger1@netscape.net> wrote in message
news:392E160C.88799E38@netscape.net...
> Do any of you know of a web page which links to a real time satellite
> orbital tracking site? I am looking for one which is on full time and
> has the amateur birds listed. Thanks.
>
http://liftoff.msfc.nasa.gov/realtime/JTrack/Amateur.html

This is a good site.

Barry
VA3BJD

1384. INVITATION TO 3 ANTENNA REFLECTORS(LISTS)

Newsgroup: rec.radio.amateur.space
Date: 2000-05-26 00:00:00 UTC
From: fractenna@aol.com
Message-ID: <20000526091828.19076.00000160@ng-cs1.aol.com>
Source record: 9318

QST--

You are invited to join one or all of the following lists on onelist. All these reflectors are e-mail based, and moderated so that no spam, porn, off-topic, or personal-offensive posts are sent out. You will receive no off-list e-mails by subscribing: again; no spam.

These lists (with average recent subscriber sizes) are:

ANTENNAS@ONELIST.COM 200 members
CROSSFIELDANTENNA@ONELIST.COM 75 members
FRACTALANTENNA@ONELIST.COM 250 members

Please review the descriptions at

http://www.onelist.com

Please note the CFA list specifically deals with this antenna in an objectively critical fashion and no posts will be allowed that make grandiose claims without supporting data presented. To date, no data has been presented which requires the extraordinary claims made by some pundits: there is no evidence for better performance than any other small vertical antenna (and that performance is poor).

To subscribe to any list, either go through the process at onelist, or to skip the process just do:

---------- -subscribe@onelist.com

where the ---------- is the name of a given list (such as 'fractalantenna')

73,
Chip N1IR

1385. Re: Satellite Tracking

Newsgroup: rec.radio.amateur.space
Date: 2000-05-26 00:00:00 UTC
From: Xnospam@oceanfree.net
Message-ID: <sGBX4.28366$sB3.10415@news.indigo.ie>
Source record: 9319

>Do any of you know of a web page which links to a real time satellite
>orbital tracking site? I am looking for one which is on full time and
>has the amateur birds listed. Thanks.

http://liftoff.msfc.nasa.gov/realtime/JTrack/Spacecraft.html

You can choose from a list of several hundred satellites.
Once the Java applet is running, it will keep tracking
after you disconnect from the net.

E.S.

--
Remove 'X' to reply.

EI9GQ homebrew radio page
http://www.qsl.net/ei9gq

1386. Re: Questions on digital satellite modes/equipment-correction

Newsgroup: rec.radio.amateur.space
Date: 2000-05-26 00:00:00 UTC
From: Bob Morehouse <nobobmorespam@pacifier.com>
Message-ID: <392F285F.351E8FFF@pacifier.com>
Source record: 9320

The "reply" comment to the previous posting should have said:

Reply to: bobmore@pacifier.com
No underscore.

1387. Questions on digital satellite modes/equipment

Newsgroup: rec.radio.amateur.space
Date: 2000-05-26 00:00:00 UTC
From: Bob Morehouse <nobobmorespam@pacifier.com>
Message-ID: <392F27ED.A854A400@pacifier.com>
Source record: 9321

I know of someone who is selling the following equipment:

PacComm DFM TNC NB96
TAPR 9600 DFST modem/tnc
TAPR 1200 PSK modem/tnc

Which satellites and modes would this provide capability for? Also, for used equipment, what would be considered a fair or average price to offer?

Thanks.
Bob, KB7ADO

DO NOT HIT REPLY
respond to: bob_more@pacifier.com

1388. Re: m2 egg beaters

Newsgroup: rec.radio.amateur.space
Date: 2000-05-26 00:00:00 UTC
From: Bernie Poskus <hamdan@ix.netcom.com>
Message-ID: <392F631B.65E7EA92@ix.netcom.com>
Source record: 9322

I used the M2 Eggbeaters for about 5 years, both with and without the radial kits (which are supposed to add about 6 db to the overhead lobe). They definitely outperformed the ground planes I was using before. If you are going to use omni-directional antennas, they are the way to go. They have a very wide bandwidth too, so you can use the 2 meter Eggbeater to receive NOAA satellites on 137 mhz.

73 de Bernie, KF0QS

Larry D. Clark wrote:

> hi
>
> anyone out there care to share their experiences
> with the m2 eggbeaters for 2m/70cm used to work
> the leo sats? either good or bad are welcome.
>
> tnx
>
> larry
> kd5foy
> em12

1389. Worked MIR Recently

Newsgroup: rec.radio.amateur.space
Date: 2000-05-27 00:00:00 UTC
From: Shane Magrath <shane.magrath@laker.com.au>
Message-ID: <_yIX4.5714$c5.9023@newsfeeds.bigpond.com>
Source record: 9323

Hi,

Has anyone been able to work MIR in the last week?

Shane

1390. Satellite Tracking Programs

Newsgroup: rec.radio.amateur.space
Date: 2000-05-27 00:00:00 UTC
From: Bernie Poskus <hamdan@ix.netcom.com>
Message-ID: <392F654C.749D2EDB@ix.netcom.com>
Source record: 9324

Does anyone know if Quiktrak 4.0 still works after Y2K? I remember reading somewhere that it doesn't, but I still see ads in the AMSAT Journal for the Kansas City Tracker that indicate that KCT works with Quiktrak. I assume that they wouldn't run the add with that in there if the program wasn't Y2K compatible.

Thanks for your help.

73 de Bernie, KF0QS

1391. Test Message

Newsgroup: rec.radio.amateur.space
Date: 2000-05-27 00:00:00 UTC
From: Bernie Poskus <hamdan@ix.netcom.com>
Message-ID: <392F661D.4D643B2F@ix.netcom.com>
Source record: 9325

Sorry, this is just a test message. 73 de Bernie, KF0QS

1392. Re: Satellite Tracking Programs

Newsgroup: rec.radio.amateur.space
Date: 2000-05-27 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8iuu2s.2hr.nomail@linux.pe1chl.ampr.org>
Source record: 9326

Bernie Poskus <hamdan@ix.netcom.com> wrote:
>Does anyone know if Quiktrak 4.0 still works after Y2K? I remember
>reading somewhere that it doesn't, but I still see ads in the AMSAT
>Journal for the Kansas City Tracker that indicate that KCT works with
>Quiktrak. I assume that they wouldn't run the add with that in there if
>the program wasn't Y2K compatible.

I would not assume that from an ad... some companies just re-order the
same ad to be placed in each issue, without re-considering the usefulness
or correctness of the content each and every month.

In the Dutch amateur radio magazine, an electronics shop has run the same
ad for about 10 years. The owner composed a page full of items of interest
at that time, like RTTY converter kits, Plessey integrated circuits, AMIDON
toroid cores, standard and custom-made crystals, lots of part kits for
construction projects in recent issues of the magazine, etc.

Then that same ad appeared and appeared and appeared like a Duracell bunny...

Many tracker programs have had trouble with the Y2K issue, much more than
the average computer program. This probably is because the 2-line elements
that are used as reference for the calculations store the year in two
digits, and it rolled over from 99 to 00. So the software had to be
prepared to treat 00 as 2000, not 1900.

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

1393. Re: Satellite Tracking Programs

Newsgroup: rec.radio.amateur.space
Date: 2000-05-27 00:00:00 UTC
From: ralphmw@aol.com
Message-ID: <20000527081513.26420.00000412@ng-fm1.aol.com>
Source record: 9327

I tested Quiktrak 4.0 before the Y2K thing occured. I was tracking MIR on a date of 12/31/99 at 11:59PM. The footprint covered a better part of the US. Once it hit 0000 on 1/1/00, the footprint looked like AO-10, covereing half the world. The was some talk here on the newgroups and a comment from the Quiktrak author that he may bring out Quiktrak 5.0. Nothing heard since then though. I miss the program. I like the way you could print up those prediction lists of passes. Oh well, it's a new century.

73's
Ralph NH6QT/3

1394. Re: Satellite Tracking Programs

Newsgroup: rec.radio.amateur.space
Date: 2000-05-27 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8ivga1.2hr.nomail@linux.pe1chl.ampr.org>
Source record: 9328

RalphMW <ralphmw@aol.com> wrote:
>I tested Quiktrak 4.0 before the Y2K thing occured. I was tracking MIR on a
>date of 12/31/99 at 11:59PM. The footprint covered a better part of the US.
>Once it hit 0000 on 1/1/00, the footprint looked like AO-10, covereing half the
>world.

That is a nice test, but not of much practical use. Better is to
re-start the program after 1/1/00 and load new elements, and then see
if it tracks OK.

Some programs will pass your test and fail in that test, either because
they will not use the correct time after 1/1/00 or because they won't
correctly load keplerians with 00 as year number.

(once running, many programs will just increment a day counter and not
really look at the date)

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

1395. Radio Club information needed for new Ham Website!!!

Newsgroup: rec.radio.amateur.space
Date: 2000-05-27 00:00:00 UTC
From: compcnsult@aol.com
Message-ID: <20000527170058.03218.00000465@ng-fo1.aol.com>
Source record: 9329

A new amateur radio website would like information on your radio club.
The new website: http://www.callingcq.com will be up and running sometime
around the first of June. We will feature a swap and shop, special event
section as well as information of local radio clubs. We would like for club
officials or anyone that has all of the information on the club to send a email
to callingcqweb@aol.com with the following information: Club name, URL address,
and Contact name and email address. Don't worry about duplicate entries we will
filter them out.

Thanks very much for your support and we will be soon asking for submittal of
ad's for the hamfest section. If you can't wait go ahead and send it, we will
get it on as soon as possible.

73's
Chuck (W0CBF)
callingcq.com

1396. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-05-27 00:00:00 UTC
From: Bernie Poskus <hamdan@ix.netcom.com>
Message-ID: <3930B139.D48279D8@ix.netcom.com>
Source record: 9330
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc

I got my novice license in 1968, right after they went from one year nonrenewable to two years nonrenewable. It took me 13 months to get my general, and I was grateful for the extra four weeks. I don't think it made me less of a general, or less of an op than I am now, 32 years later.

73 de Bernie, KF0QS

Who Did you Expect? wrote:

> In article <391b4c74.337203958@nntp.one-eleven.net>, konstans@oneleven.net
> says...
> >
> >On Tue, 09 May 2000 13:20:03 GMT, General Mark Morgan
> ><one.big.asshole@ahole.com> wrote:
> >
> >>I guess my novice license was from a 'really' ancient era (1966),
> >>one year non-renewable.
> >
> > What are you trying to do make that I claim an anceint Novice
> >license and then "prove" I never held one. I Mark Morgan, KB9RQZ never
> >held a Novice license General Morgan
> >>
>
> >>> > If your still have your orignal Novice license you might want to check
> the
> >>> > length it was valid. Mine is from that ancient era and says 2 years non
> >>> > renewable. Then they made it 5 years renewable and then 10 renewable.
> >>> >
> >
> Geaz guys, I was NOT TRY TO START ANOTHER FLAME WAR. Just wondered if mine was
> the only 2 year expired novice license in existance. I was NOT trying to cast
> doubt on anyones histories.

1397. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-05-27 00:00:00 UTC
From: Bernie Poskus <hamdan@ix.netcom.com>
Message-ID: <3930B03E.11335E39@ix.netcom.com>
Source record: 9331

I have been a ham since 1968. I got my extra just 6 weeks before April 15th (had been an advanced for years). I'll work anyone who wants to talk to me as long as they are trying to exercise good operating technique, even if they are inexperienced and make mistakes (like there is anyone out there who hasn't been in that position). You new guys are the guys I'll be talking to over the next 40 years or so (I am 47), and all I can say is welcome, and I look forward to working you.

73 de Bernie KF0QS

CompCnsult wrote:

> I agree with Mark, the worst ting the new ham upgrades can do is to NOT get on
> the air and use their new freqs. If the ole timers fon't want to talk to you
> because of your /AG or /AE call then tune to a different freq and talk to
> someone else.
>
> Signed
> Chuck
> W0CBF (proudly) /AG

1398. WTB TAPR Trakbox

Newsgroup: rec.radio.amateur.space
Date: 2000-05-28 00:00:00 UTC
From: j
Message-ID: <8gqgq8slh1@slb7.atl.mindspring.net>
Source record: 9332

I am looking for a working or not, Built or unbuilt Trakbox. This is the last part I need for my ground station. Please email me at kf6sre@arrl.net.
73's
jim

1399. 2.4ghz help req

Newsgroup: rec.radio.amateur.space
Date: 2000-05-28 00:00:00 UTC
From: mattobr@pop.ntlworld.com
Message-ID: <3930E477.282C2BE2@pop.ntlworld.com>
Source record: 9333

Hi all

i was wondering what equipment people are using for s-band i was thinking of getting a s-band lnb and trying to use that ,i have been looking for a drake down converter but not having much look ,any information would be gratefully received

TIA matt

1400. Soundblaster Cards and 9k6 PSK satellites

Newsgroup: rec.radio.amateur.space
Date: 2000-05-28 00:00:00 UTC
From: Cedar Ryan <cedar@mweb.co.za>
Message-ID: <39310815.0@news1.mweb.co.za>
Source record: 9334

Hello all,

I am looking to see if anyone can help me to find SoundBlaster software which can receive 9k6 PSK (and / or 1200 PSK) satellite downlinks. The uplinks are not important at this stage - I would like to get the systems working before I try my hand at uplinks etc.

Any help which you can provide will be greatly appreciated

73 de Cedar Ryan 3DA0JQ and ZS6JQ
cedar@mweb.co.za

1401. MIR on 143.62

Newsgroup: rec.radio.amateur.space
Date: 2000-05-28 00:00:00 UTC
From: "Edgar J. Kaiser" <edgar.kaiser@t-online.de>
Message-ID: <39311386.907D74B8@t-online.de>
Source record: 9335

Hi all,

the MIR cosmonauts can be heard during almost all passes (during
activity time on board) across southern Germany on their analog downlink
frequency 143.62 MHz with a fairly good signal even on a handheld with
rubberduck antenna. Obviously they are talking to the ground control
that can sometimes be heard faintly as well by acoustic feedback.

Although I do not understand russian, it is amazing to recognize that
busy work is being done up there.

Regards,

Edgar

1402. Re: MIR on 143.62

Newsgroup: rec.radio.amateur.space
Date: 2000-05-28 00:00:00 UTC
From: TomR@astro.net
Message-ID: <393128a3.133358083@news.idsi.net>
Source record: 9336

On Sun, 28 May 2000 14:39:34 +0200, "Edgar J. Kaiser"
<edgar.kaiser@t-online.de> wrote:

>Hi all,
>
>the MIR cosmonauts can be heard during almost all passes (during
>activity time on board) across southern Germany on their analog downlink
>frequency 143.62 MHz with a fairly good signal even on a handheld with
>rubberduck antenna. Obviously they are talking to the ground control
>that can sometimes be heard faintly as well by acoustic feedback.
>
>Although I do not understand russian, it is amazing to recognize that
>busy work is being done up there.
>
>Regards,
>
>Edgar

I believe the actual frequency they use is 143.625.

Tom - KB2SMS

1403. Re: Soundblaster Cards and 9k6 PSK satellites

Newsgroup: rec.radio.amateur.space
Date: 2000-05-29 00:00:00 UTC
From: Davev <dvari@adelphia.net>
Message-ID: <kFrY4.3510$D%2.72759@news1.news.adelphia.net>
Source record: 9337

might try a link of this site:

http://www.interlog.com/~stevef/amateur.htm

ttyl de dave

Cedar Ryan <cedar@mweb.co.za> wrote in message
news:39310815.0@news1.mweb.co.za...
> Hello all,
>
> I am looking to see if anyone can help me to find SoundBlaster software
> which can receive 9k6 PSK (and / or 1200 PSK) satellite downlinks. The
> uplinks are not important at this stage - I would like to get the systems
> working before I try my hand at uplinks etc.
>
> Any help which you can provide will be greatly appreciated
>
> 73 de Cedar Ryan 3DA0JQ and ZS6JQ
> cedar@mweb.co.za
>
>
>

1404. PRIMESTAR EQUIPMENT

Newsgroup: rec.radio.amateur.space
Date: 2000-05-29 00:00:00 UTC
From: "David L. Stinson" <arc5@ix.netcom.com>
Message-ID: <39334A94.45201FE6@ix.netcom.com>
Source record: 9338

Does anyone know where I can get technical details
and specifications for the old PRIMESTAR 3-foot sat TV systems?
My parents were recently switched to DIRECT TV and
the old PRIMESTAR system was discarded- they were told
they could "throw it out."
I inherited the dish and receiver/decoder.
Would like to find some technical details so I can
tinker with it. No- I don't want to steal pay TV.
I don't even like TV. But I would like to
foozle around listening to the basebands, etc.

TNX ES 73 DE Dave AB5S

1405. SUNDAY 4TH JUNE, Hampshire Radio Rally

Newsgroup: rec.radio.amateur.space
Date: 2000-05-30 00:00:00 UTC
From: Just William <chris@privateer.co.uk>
Message-ID: <8h09m6$3uq$1@news8.svr.pol.co.uk>
Source record: 9339
Cross-posted to: alt.ham-radio,free.uk.amateur-radio,rec.radio.amateur.space,uk.radio.amateur

SUNDAY 4th JUNE.. (thats this weekend!) Doors open at 10:30 am

Mid Hants Amateur Radio Rally.
Medstead Hall
Medstead
Near Alton
Hampshire

only £1.50 entry, under 14 free. Paying entries get a free raffle entry.
extra tickets are 50p each.

Event under cover, which is just as well, looking at the forecast
Hot food on site
Lots of component, shack clear out, junk, special interest, tool stuff.

From Radio Kits to HF transcievers..... Its all here!

For more information.... www.g0wyf.freeserve.co.uk

1406. Re: Satellite Tracking

Newsgroup: rec.radio.amateur.space
Date: 2000-05-30 00:00:00 UTC
From: JoAnne Maenpaa <QA1955@email.mot.com>
Message-ID: <3933D34D.AFF99E80@email.mot.com>
Source record: 9340

gutsyme wrote:
>
> Do any of you know of a web page which links to a real time satellite
> orbital tracking site? I am looking for one which is on full time and
> has the amateur birds listed. Thanks.

http://www.heavens-above.com provides predictions customized to your
location of all amateur satellites for the current day (24 hours).
They also include frequencies. The link above is the initial entry
page. This page will prompt you to enter your location. Bookmark
the resulting page you get after telling them where you are.

--
JoAnne WB9JEJ

1407. Re: Fresh Keps

Newsgroup: rec.radio.amateur.space
Date: 2000-05-30 00:00:00 UTC
From: "R.L. Tannehill, P.E." <rickw7rt@mail.firstinter.net>
Message-ID: <3933FF68.387F@mail.firstinter.net>
Source record: 9341

J.A. wrote:
>
> Can anyone suggest a site where I am able to download updated keps ?
> The site's I have in my favourites are up to two day's old !

Unless you're tracking the Shuttle, two day old keps are just fine for
any of the standard sats we hams use.

Rick Tannehill W7RT

1408. Re: InstantTrak help needed

Newsgroup: rec.radio.amateur.space
Date: 2000-05-30 00:00:00 UTC
From: "R.L. Tannehill, P.E." <rickw7rt@mail.firstinter.net>
Message-ID: <3934004F.2044@mail.firstinter.net>
Source record: 9342

Abrayten wrote:
>
> After having downloaded the software to deal with date 2000 change for IT,
> there are two satellites which are appearing different from the others on the
> screen, MIR, and ISS. Each is represented by a larger white spot on the screen,
> has no footprint circling that enlargened spot. Any ideas as to why?

Nope, never seen that problem. Try converting a new set of keps with
CVITK, then loading them. Make sure you load them as AMSAT keps. BTW,
I talked to the author of IT recently, and the new version is in Beta
test, and should be out soon. However, he declined to commit to a
specific date.

Rick T.
W7RT

1409. Re: FT-736 or IC-970

Newsgroup: rec.radio.amateur.space
Date: 2000-05-30 00:00:00 UTC
From: "Leland C. Scott" <no-spam@junk-mail.net>
Message-ID: <sj8bi6sf5pj126@corp.supernews.com>
Source record: 9343

The stock FT-847 is OK for HF use. However many people are impressed with the performance improvement when the stock RX filters for SSB and CW are replaced with high performance crystal filters. Some have even used the FT-847 for contest work configured this way with very good results.

Check out these URLs:

http://www.en.com/users/rayd/ft-847/wwwboard/wwwboard.html
http://www.en.com/users/rayd/ft-847/
http://207.206.11.2/ft-847/ft847faq.htm

For the FT-100 check out these URL's:

http://members.aol.com/lee810/ft100faq.html
http://www.wm7d.net/hamradio/ft100/

--
Leland C. Scott
KC8LDO

Jim Jerzycke <kq6ea@pacbell.net> wrote in message
news:392B0D04.7B96E8A3@pacbell.net...
> Where did you hear they have a replacement for the 847? And, just for my
> curiosity, what do you mean by "It has a lot of problems"? Maybe the
> early ones were less than hoped for, but the later ones are much better.
> If by "problems" you meant that it isn't particularly good on HF, I'd
> tend to agree. But then, I didn't buy mine to use on HF.......that's
> what my MP is for.
> 73, Jim
>
>

1410. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-05-30 00:00:00 UTC
From: me
Message-ID: <1BC5AB4B06B6F8D8.AAC0E5EAFC5FA110.82C6E091ECEFDFD2@lp.airnews.net>
Source record: 9344
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave,rec.radio.amateur.misc

Funny. In 2 or so years there will be 200 hams.
Those 200 hams will still think there are alot of hams.
1 HAM is one ego and a waste of time too many (CW). :)

1411. Need Information about tracking UO-14

Newsgroup: rec.radio.amateur.space
Date: 2000-05-30 00:00:00 UTC
From: Michael1998@webtv.net
Message-ID: <27622-393451A0-44@storefull-131.iap.bryant.webtv.net>
Source record: 9345

Does anyone know of a good site on the internet that I can go to to get pass prediction information on the UO-14 satellite? I don't have a computer, I am using webtv for internet service, so I don't have access to any tracking software. I hear the UO-14 satellite hear at my home in Lexington, Ky. several times every day, and I would like to get some kind of way to track it so I can try to work the satellite. I can get the kepleran elements for the satellite, but I don't know how to use them. Can someone tell me an easy way to read kep elements so that I know when the satellite will be over the U.S.? Any help is greatly apprecited. Thanks!

Michael Brown KU4UV
Lexington, KY.

1412. WTB: Yaesu FT-726R

Newsgroup: rec.radio.amateur.space
Date: 2000-05-30 00:00:00 UTC
From: Brian Hunter <HunterFamily@prodigy.net>
Message-ID: <8h25pn$2cqu$1@newssvr04-int.news.prodigy.com>
Source record: 9346

Hi, I'm looking for an FT-726R rig with the Sat module included. Looking to get into Satellite and have heard that this is one of the better (and cheaper) rigs to use.

Thanks
Brian

1413. Re: Need Information about tracking UO-14

Newsgroup: rec.radio.amateur.space
Date: 2000-05-31 00:00:00 UTC
From: JoAnne Maenpaa <QA1955@email.mot.com>
Message-ID: <39350698.1EFEF6CE@email.mot.com>
Source record: 9249

Michael Brown wrote:
>
> Does anyone know of a good site on the internet that I can go to to get
> pass prediction information on the UO-14 satellite?

Hi Michael,

Perhaps this web page will help you out ...
http://www.heavens-above.com

When you get to this page you will need to click on the link to select
your location. Bookmark the page you get after selecting the location.
You'll find links for visible passes as well as a 24 hour listing of
the day's amateur satellite passes. UO-14 is listed as Ocsar 14.
Sunsat (SO-35) on 145.825 also is an easy catch.

--
JoAnne WB9JEJ

1414. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-05-31 00:00:00 UTC
From: Sycho_Graphics <Sycho_Graphics@email.msn.com>
Message-ID: <O0S4WSxy$GA.310@cpmsnbbsa07>
Source record: 9250
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

In short, WHO CARES. Let the ignorant, self-centered, egotistical basterds all go away so I don't have to hear about how great HAM was in 1960 one more damn time. I think they are a joke, cops think they are a joke, most local authorities (In real cities not shit towns) think they are a joke, anyone under the age of 30 thinks they are a joke, they are the only ones who seem to take themselves (way too) seriously. BYE, bye and good riddance.

"me" <@.> wrote in message
news:1BC5AB4B06B6F8D8.AAC0E5EAFC5FA110.82C6E091ECEFDFD2@lp.airnews.net...
Funny. In 2 or so years there will be 200 hams.
Those 200 hams will still think there are alot of hams.
1 HAM is one ego and a waste of time too many (CW). :)

1415. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-05-31 00:00:00 UTC
From: tlbryant@my-deja.com
Message-ID: <8h3kg00882@enews4.newsguy.com>
Source record: 9251
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

In article <O0S4WSxy$GA.310@cpmsnbbsa07>, Sycho_Graphics@email.msn.com says...
>
>In short, WHO CARES. Let the ignorant, self-centered, egotistical basterds
>all go away so I don't have to hear about how great HAM was in 1960 one more
>damn time. I think they are a joke, cops think they are a joke, most local
>authorities (In real cities not shit towns) think they are a joke, anyone
>under the age of 30 thinks they are a joke, they are the only ones who seem
>to take themselves (way too) seriously. BYE, bye and good riddance.
>

...and most hams are so much of a joke, they don't even know the punch line.

Tom - N8ECW

1416. Re: Satellite Tracking Programs

Newsgroup: rec.radio.amateur.space
Date: 2000-05-31 00:00:00 UTC
From: n3ie <n3ie@att.net>
Message-ID: <itnajs0r50vl6i3dr2gkoi6md151jrq77c@4ax.com>
Source record: 9252

On Sat, 27 May 2000 00:03:56 -0600, Bernie Poskus
<hamdan@ix.netcom.com> wrote:

>Does anyone know if Quiktrak 4.0 still works after Y2K? I remember
>reading somewhere that it doesn't, but I still see ads in the AMSAT
>Journal for the Kansas City Tracker that indicate that KCT works with
>Quiktrak. I assume that they wouldn't run the add with that in there if
>the program wasn't Y2K compatible.

I don't know how many hams know about this, but there is a really
neat professional quality satellite tracking program available on
CD-ROM from:
http://www.stk.com

This is probably not a good program to run if you're solely interested
in tracking amateur birds, and it won't interface with the automatic
antenna pointing software, but it is a neat program to play around
with. You can request a 30 day trial of their advanced features,
(like 3D visualization) none of which you can run after the 30 days
without purchasing the software, (and it is sold at professional
dollar prices), but you can do almost anything you can imagine with
this program, and the basic program without the add ons is free for
the request. The interface is not easy to get used to, because you
have so many options and settings to choose from, but once you
master the basic interface it is easy to set up simultaneous
tracking of multiple birds on a single machine. One of my favorite
simulations tracks the entire GPS constellation, all at the same
time, and all in real time. It's really fun to play around with.
I highly recommend it if you like tinkering with
tracking programs and experimenting with "what if"
scenarios. To get the program, you'll have to register
on their site, but the registration is free, and it entitles you
to the CD, mailed to your door, a huge satellite database,
including full mission descriptions, and a great satellite
tracking program. You can expect a phone call or
email from their salesman, but at least the one I spoke
with was a really nice guy who was not out to force sell anything,
and was perfectly happy to agree to ship the CD so that I could
play around with it, knowing full well that I had no intention
of buying the program. I have no relationship with the company.
I just enjoy using their program.

Joe
n3ie

1417. Re: AO-10 apogee during NA Field Day

Newsgroup: rec.radio.amateur.space
Date: 2000-05-31 00:00:00 UTC
From: n3ie <n3ie@att.net>
Message-ID: <0npajsg8rsaffbcptnjac81u3i54rcmo03@4ax.com>
Source record: 9253

On Tue, 23 May 2000 17:20:29 -0400, "Al Groth" <kd4va@sumter.net>
wrote:

>For planning purposes, does anyone know where (roughly) the AO-10 apogee
>subpoint will be during the N.A. Field Day later on in June? Right now,
>it's approximately west-central S.A. with a very favorable orbit for NA,
>Europe, NW Africa and SA (from a SE USA observer viewpoint). I plan on
>battery ops (without computer controlled antennas) using K5OE's "AO-10
>antenna" during 'field day. Comments appreciated.
>
>Al kd4va@sumter.net
>Sumter, SC

Al,

Give me a rough latitude and longitude for your operating position and
the dates of Field Day this year, and I'll run a simulation for you
and send you the results. I'm curous myself.

Joe
n3ie@att.net

1418. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-05-31 00:00:00 UTC
From: Lenny-t <lenny-t@worldnet.att.net>
Message-ID: <393592EF.2EE4@worldnet.att.net>
Source record: 9254
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

Uh oh. He's ba-a-a-a-a-a-c-k.

-Lenny (Dwidler Extraordinaire)

Sycho_Graphics wrote:
>
> In short, WHO CARES. Let the ignorant, self-centered, egotistical basterds
> all go away so I don't have to hear about how great HAM was in 1960 one more
> damn time. I think they are a joke, cops think they are a joke, most local
> authorities (In real cities not shit towns) think they are a joke, anyone
> under the age of 30 thinks they are a joke, they are the only ones who seem
> to take themselves (way too) seriously. BYE, bye and good riddance.
>
> "me" <@.> wrote in message
> news:1BC5AB4B06B6F8D8.AAC0E5EAFC5FA110.82C6E091ECEFDFD2@lp.airnews.net...
> Funny. In 2 or so years there will be 200 hams.
> Those 200 hams will still think there are alot of hams.
> 1 HAM is one ego and a waste of time too many (CW). :)

--
"A greyhound needs no fanfare." - Jean Boone 1917-1998

1419. Grid Square EM05

Newsgroup: rec.radio.amateur.space
Date: 2000-05-31 00:00:00 UTC
From: gutsyme <tayger1@netscape.net>
Message-ID: <393596EE.AA63B6B9@netscape.net>
Source record: 9255

For those interested, I will be working UO-14 from EM05 on Thursday PM, June 1, 2000.

I will be mobile and running a Kenwood 733A to give as many contacts as I can during the two evening passes. times are 22:00 cdt and 23:40 cdt at max elevation at EM05 MOL. Hope to hear you.

1420. Re: Need Information about tracking UO-14

Newsgroup: rec.radio.amateur.space
Date: 2000-05-31 00:00:00 UTC
From: Michael1998@webtv.net
Message-ID: <642-3935B7C1-42@storefull-134.iap.bryant.webtv.net>
Source record: 9256

JoAnne, thanks for the help! I happened to find heavens above last night and I believe I have all the information I need to hear, and possibly work, some sats. I can easily hear UO-14 from inside my house on the scanner, and I want to try to work it. I don't have a dual band ht right now, but I can monitor the downlink on my scanner and hopefully grab at least one contact while the sat is over the U.S. if I can make it into the bird with 5 or 6 Watts and a rubber duckie antenna on my HTX-202. Thanks again for your help!

Mike KU4UV

1421. AO-10 Question

Newsgroup: rec.radio.amateur.space
Date: 2000-05-31 00:00:00 UTC
From: Bernie Poskus <hamdan@ix.netcom.com>
Message-ID: <3935E9C5.D480B274@ix.netcom.com>
Source record: 9257

Dear All;

I just had the good fortune to put up M2 circularly polarized antennas, with an az/el rotor, and begin a new stage in my satellite career, after 7 years of working with omni-directional antennas. I did get to work some AO-10 QSO's for the first time, including my first real satellite DX (a DL5 station).
I have a question concerning the phenomenon of "fm'ing". The AO-10 website mentions it, and suggests that utilizing the satellite while it is occurring might be bad for it. However, it didn't describe what it is, and what it sounds like. Could some one help me out?

Thanks and 73 de Bernie, KF0QS

1422. Re: Need Information about tracking UO-14

Newsgroup: rec.radio.amateur.space
Date: 2000-05-31 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8j9fji.3ao.nomail@linux.pe1chl.ampr.org>
Source record: 9347

Michael Brown <Michael1998@webtv.net> wrote:
>Does anyone know of a good site on the internet that I can go to to get
>pass prediction information on the UO-14 satellite? I don't have a
>computer, I am using webtv for internet service, so I don't have access
>to any tracking software. I hear the UO-14 satellite hear at my home in
>Lexington, Ky. several times every day, and I would like to get some
>kind of way to track it so I can try to work the satellite. I can get
>the kepleran elements for the satellite, but I don't know how to use
>them. Can someone tell me an easy way to read kep elements so that I
>know when the satellite will be over the U.S.? Any help is greatly
>apprecited. Thanks!

To use keplerian elements you need a computer. The formula is too
difficult to key it into a calculator every time.
(a programmable calculator could be used, though)

However, I assume the webtv allows you to access web pages, so you can use
one of the tracking pages on the web mentioned here several times over the
last weeks.

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

1423. Re: InstantTrak help needed

Newsgroup: rec.radio.amateur.space
Date: 2000-05-31 00:00:00 UTC
From: "J.A." <jca1954@iprimus.com.au>
Message-ID: <3934f34e@news.iprimus.com.au>
Source record: 9348

Could you tell me where did you DL Instantrak ?
R.L. Tannehill, P.E. wrote in message <3934004F.2044@mail.firstinter.net>...
>Abrayten wrote:
>>
>> After having downloaded the software to deal with date 2000 change for
IT,
>> there are two satellites which are appearing different from the others on
the
>> screen, MIR, and ISS. Each is represented by a larger white spot on the
screen,
>> has no footprint circling that enlargened spot. Any ideas as to why?
>
>Nope, never seen that problem. Try converting a new set of keps with
>CVITK, then loading them. Make sure you load them as AMSAT keps. BTW,
>I talked to the author of IT recently, and the new version is in Beta
>test, and should be out soon. However, he declined to commit to a
>specific date.
>
>Rick T.
>W7RT

1424. KR-5500 Rotor computer

Newsgroup: rec.radio.amateur.space
Date: 2000-06-01 00:00:00 UTC
From: John Bush <johnb7@earthlink.net>
Message-ID: <B55B4585.1480%johnb7@earthlink.net>
Source record: 9258

Would anyone know where to find the commands that go to the rotors computer.
Looking for the command set that talks to the rotor, and what the rotor
sends back (if any)

Thanks WB6AJE
'' remove spam from email address before sending ''
johnb7spam@earthlink.net

1425. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-06-01 00:00:00 UTC
From: Jim West <Jim@jameswest.com>
Message-ID: <kspcjsktuf10186v06tks2d6tjhlf0ikk7@4ax.com>
Source record: 9259
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

On Wed, 31 May 2000 11:23:28 -0400, "Sycho_Graphics"
<Sycho_Graphics@email.msn.com> wrote:

>In short, WHO CARES. Let the ignorant, self-centered, egotistical basterds
>all go away so I don't have to hear about how great HAM was in 1960 one more
>damn time. I think they are a joke, cops think they are a joke, most local
>authorities (In real cities not shit towns) think they are a joke, anyone
>under the age of 30 thinks they are a joke, they are the only ones who seem
>to take themselves (way too) seriously. BYE, bye and good riddance.

Couldn't pass the morse code test eh?

>
>
>"me" <@.> wrote in message
>news:1BC5AB4B06B6F8D8.AAC0E5EAFC5FA110.82C6E091ECEFDFD2@lp.airnews.net...
>Funny. In 2 or so years there will be 200 hams.
>Those 200 hams will still think there are alot of hams.
>1 HAM is one ego and a waste of time too many (CW). :)
>
>

1426. Re: AO-10 Question

Newsgroup: rec.radio.amateur.space
Date: 2000-06-01 00:00:00 UTC
From: Ralph Mowery <rmowery@dialpoint.net>
Message-ID: <39363AD5.A507B97A@dialpoint.net>
Source record: 9260

AO-10 has been up a long time and the batteries are either bad or so weak they will not hold much of a charge. Therefore AO-10 only works while it is receiving power from the solar cells that have to be in the sun. As the power supply voltage drops when the solar cells turn away from the sun the transmitter becomes somewhat unstable until there is not enough voltage to operate the transmitter at all. Instead of the ssb sounding normal it becomes more difficlut to understand and the cw signals will vary in frequency like a chirp.

B
> I have a question concerning the phenomenon of "fm'ing". The AO-10
> website mentions it, and suggests that utilizing the satellite while it
> is occurring might be bad for it. However, it didn't describe what it
> is, and what it sounds like. Could some one help me out?
>
> Thanks and 73 de Bernie, KF0QS

1427. Re: Grid Square EM05

Newsgroup: rec.radio.amateur.space
Date: 2000-06-01 00:00:00 UTC
From: gutsyme <tayger1@netscape.net>
Message-ID: <3936AA87.E7DDBEB0@netscape.net>
Source record: 9261

I will also try SO35 at 21:50 cdt. Scheduled as a voice pass.

gutsyme wrote:

> For those interested, I will be working UO-14 from EM05 on Thursday PM,
> June 1, 2000.
>
> I will be mobile and running a Kenwood 733A to give as many contacts as
> I can during the two evening passes. times are 22:00 cdt and 23:40 cdt
> at max elevation at EM05 MOL. Hope to hear you.

--

1428. Re: Live voice & text chat room for hams!!

Newsgroup: rec.radio.amateur.space
Date: 2000-06-01 00:00:00 UTC
From: Wayne & Sherri Faris <wfaris@inebraska.com>
Message-ID: <3936D1AF.93A6FC4B@inebraska.com>
Source record: 9262
Cross-posted to: rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.space,rec.radio.shortwave,tw.bbs.rec.radio.amateur,uk.radio.amateur

Isn't this why we have radios? I've been doing live chat with other hams on the air for over 35 years now, so why do I need an internet chat room to do that?

Wayne Faris, KEï¿½BZ

MITBR wrote:

> Check out the live voice & text chat for hams now has ability to go to a
> private chat room.click this url to go there directly!!
> http://home.earthlink.net/~mitbr/AmateurRadioChat.htm
>
> --
> Please visit my web site url below
> Tampa Bay Radio Page
> http://home.earthlink.net/~mitbr/Mi01000.htm

1429. Live voice & text chat room for hams!!

Newsgroup: rec.radio.amateur.space
Date: 2000-06-01 00:00:00 UTC
From: MITBR <mitbr@earthlink.net>
Message-ID: <dVzZ4.9566$MY6.225164@newsread2.prod.itd.earthlink.net>
Source record: 9263
Cross-posted to: rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.space,rec.radio.shortwave,tw.bbs.rec.radio.amateur,uk.radio.amateur

Check out the live voice & text chat for hams now has ability to go to a
private chat room.click this url to go there directly!!
http://home.earthlink.net/~mitbr/AmateurRadioChat.htm

--
Please visit my web site url below
Tampa Bay Radio Page
http://home.earthlink.net/~mitbr/Mi01000.htm

1430. UO-14???

Newsgroup: rec.radio.amateur.space
Date: 2000-06-02 00:00:00 UTC
From: jk809@aol.com
Message-ID: <20000602014025.00530.00000118@ng-fp1.aol.com>
Source record: 9264

Is UO-14 turned off? I have not been able to hear it May 31 or June 1.

Jim K7LD

1431. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-06-02 00:00:00 UTC
From: Sycho_Graphics <Sycho_Graphics@email.msn.com>
Message-ID: <#yD9qIFz$GA.321@cpmsnbbsa07>
Source record: 9265
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

Didn't try and I don't want to better places to spend my time and money. Who needs a damn test to operate a CONSUMER oriented electrical communication device in the 21st Century? I use a cellphone, GPS receiver, cordless phones, computers, TV, VCR (I can actually set it too :)), High-end Home Stereo remote, FRS devices, CB radio, Palm Pilot , RC cars and boats and even a microwave oven and I don't need a damn license for those. What makes HAM gear soooo complicated I need to pass a test and be TAXED on it by the FCC?

By the way Jim who the hell are you gonna MORSE with? Aliens, Russian SPY ships, the Space Shuttle, clandestine operatives so deep under cover that they can't afford voice transmission equipment (poor bastards). So, who the HELL do you Morse too in the 21st century??? MORSE is DEAD. dot dot dot dash dash dash dot dot blah blah blah HA HA HA :) :) :) You guys kill me.

Man you guys crack me up get with the times folks your HAM hobby is as OBSOLETE as my VIC-20 and C-64 are to 1Ghz CPU's. Let the FCC use the space for something more useful, at least more interesting. Hell I'd buy a GMRS unit once the FCC re-allocates frequencies, manufactures mass produce (a la FRS), drop the price and licensing bullshit. I can see a uses for a 5-10 mile communication device on UHF, FRS is neat but limited. Technology WILL not stand still for long, I would love said GMRS with built in GPS, terrain mapping database, hell throw a cellphone , scanner, personal organizer and MP3 in there too, sell for $300.00 - 500.00 sweet. The future looks good to me at least.

"Jim West" <Jim@jameswest.com> wrote in message
news:kspcjsktuf10186v06tks2d6tjhlf0ikk7@4ax.com...
> On Wed, 31 May 2000 11:23:28 -0400, "Sycho_Graphics"
> <Sycho_Graphics@email.msn.com> wrote:
>
> >In short, WHO CARES. Let the ignorant, self-centered, egotistical
basterds
> >all go away so I don't have to hear about how great HAM was in 1960 one
more
> >damn time. I think they are a joke, cops think they are a joke, most
local
> >authorities (In real cities not shit towns) think they are a joke, anyone
> >under the age of 30 thinks they are a joke, they are the only ones who
seem
> >to take themselves (way too) seriously. BYE, bye and good riddance.
>
> Couldn't pass the morse code test eh?
>

> >
> >
> >"me" <@.> wrote in message
> >news:1BC5AB4B06B6F8D8.AAC0E5EAFC5FA110.82C6E091ECEFDFD2@lp.airnews.net...
> >Funny. In 2 or so years there will be 200 hams.
> >Those 200 hams will still think there are alot of hams.
> >1 HAM is one ego and a waste of time too many (CW). :)
> >
> >
>

1432. List of the rec.radio newsgroups

Newsgroup: rec.radio.amateur.space
Date: 2000-06-02 00:00:00 UTC
From: jeffreyh@Hawaii.Edu
Message-ID: <8h7j2v$m4k$1@news.hawaii.edu>
Source record: 9266
Cross-posted to: rec.radio.amateur.space,rec.radio.broadcasting,rec.radio.cb

```
Archive-name: radio/personal-brief-introduction

In an effort help ensure a poster's article reaches the appropriate
audience, below is a list of the rec.radio newsgroups. In most cases,
a group's name will explain its purpose. Cross-posting should rarely
be necessary.

rec.radio.broadcasting (devoted to the broadcast industry; moderated)
rec.radio.cb
rec.radio.info (periodic informational bulletins; moderated)
rec.radio.scanner
rec.radio.shortwave
rec.radio.swap (for buying, selling, and trading; not a discussion group)

rec.radio.amateur.antenna
rec.radio.amateur.boatanchors (tube-type communications equipment)
rec.radio.amateur.digital.misc (packet, pactor and other digital modes)
rec.radio.amateur.dx (long-distance amateur communications)
rec.radio.amateur.equipment (questions, comments regarding commercially-
built amateur gear; not for buying/selling)
rec.radio.amateur.homebrew (devoted to home-building ham gear)
rec.radio.amateur.policy (issues include code, restructuring, local
restrictions in conflict with FCC R&R)
rec.radio.amateur.space (satellites, meteor scatter, EME)
rec.radio.amateur.misc (any amateur topic not covered in the above groups)

(At least two other English language radio hierarchies exist, prefixed
with "uk" (United Kingdom), and "aus" (Australia), in place of "rec.")

Again, cross-posting should rarely be necessary. Many times, a long-
running thread results from a single cross-posted article, and its
content drifts further and further away from being "on-topic" in the
various NGs which receive each and every followup.

For more detailed information, see "Guide to the Rec.radio Newsgroups"
posted on the 15th of each month.

Jeffrey Herman, KH6O
```

1433. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-06-02 00:00:00 UTC
From: Dwight Stewart <stewartx@sccoast.net>
Message-ID: <39376377.EC147D78@sccoast.net>
Source record: 9267
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

Sycho_Graphics wrote:
>
> <snip> Who needs a damn test to operate
> a CONSUMER oriented electrical
> communication device in the 21st
> Century? <snip>

Well, if you spent a little time learning about ham radio, you would
be able to answer your own question. For one thing, unlike the other
electronic devices you described, ham radio gives you the capability to
broadcast on multiple radio bands, using considerable output power, and
using several different operating modes. A computer, home stereo, tv,
cell phone, CB radio, or other similar devices, do not have any of those capabilities.

> Man you guys crack me up get with
> the times folks your HAM hobby is as
> OBSOLETE as my VIC-20 and C-64 are
> to 1Ghz CPU's. <snip>

There is a greater demand for radio, and ham radio, today then there
has ever been. The list of devices using radio, and agencies using
radio, has grown considerably, and will continue to grow in the future.
Therefore, the need for people with at least basic radio skills is also growing.

> <snip> Hell I'd buy a GMRS unit once the
> FCC re-allocates frequencies, manufactures
> mass produce (a la FRS), drop the price
> and licensing bullshit. I can see a uses
> for a 5-10 mile communication device on
> UHF, FRS is neat but limited. <snip>

Don't hold you breath.

> <snip> I would love said GMRS with built
> in GPS, terrain mapping database, hell
> throw a cellphone , scanner, personal
> organizer and MP3 in there too, sell
> for $300.00 - 500.00 sweet. <snip>

Like I said, don't hold your breath.

Dwight Stewart (W5NET)

http://www.qsl.net/w5net

1434. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-06-02 00:00:00 UTC
From: jui@rwi.com
Message-ID: <3937E4EE.AB9CDC4E@rwi.com>
Source record: 9268
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

Obviously a dummy that couldn't learn morse code.
Go buy a study tape and study harder. LOL
Long live morse code and ham radio.

Sycho_Graphics wrote:

> Didn't try and I don't want to better places to spend my time and money.
> Who needs a damn test to operate a CONSUMER oriented electrical
> communication device in the 21st Century? I use a cellphone, GPS receiver,
> cordless phones, computers, TV, VCR (I can actually set it too :)),
> High-end Home Stereo remote, FRS devices, CB radio, Palm Pilot , RC cars and
> boats and even a microwave oven and I don't need a damn license for those.
> What makes HAM gear soooo complicated I need to pass a test and be TAXED on
> it by the FCC?
>
> By the way Jim who the hell are you gonna MORSE with? Aliens, Russian SPY
> ships, the Space Shuttle, clandestine operatives so deep under cover that
> they can't afford voice transmission equipment (poor bastards). So, who the
> HELL do you Morse too in the 21st century??? MORSE is DEAD. dot dot dot
> dash dash dash dot dot blah blah blah HA HA HA :) :) :) You guys kill me.
>
> Man you guys crack me up get with the times folks your HAM hobby is as
> OBSOLETE as my VIC-20 and C-64 are to 1Ghz CPU's. Let the FCC use the space
> for something more useful, at least more interesting. Hell I'd buy a GMRS
> unit once the FCC re-allocates frequencies, manufactures mass produce (a la
> FRS), drop the price and licensing bullshit. I can see a uses for a 5-10
> mile communication device on UHF, FRS is neat but limited. Technology WILL
> not stand still for long, I would love said GMRS with built in GPS, terrain
> mapping database, hell throw a cellphone , scanner, personal organizer and
> MP3 in there too, sell for $300.00 - 500.00 sweet. The future looks good to
> me at least.
>
> "Jim West" <Jim@jameswest.com> wrote in message
> news:kspcjsktuf10186v06tks2d6tjhlf0ikk7@4ax.com...
> > On Wed, 31 May 2000 11:23:28 -0400, "Sycho_Graphics"
> > <Sycho_Graphics@email.msn.com> wrote:
> >
> > >In short, WHO CARES. Let the ignorant, self-centered, egotistical
> basterds
> > >all go away so I don't have to hear about how great HAM was in 1960 one
> more
> > >damn time. I think they are a joke, cops think they are a joke, most
> local
> > >authorities (In real cities not shit towns) think they are a joke, anyone

> > >under the age of 30 thinks they are a joke, they are the only ones who
> seem
> > >to take themselves (way too) seriously. BYE, bye and good riddance.
> >
> > Couldn't pass the morse code test eh?
> >
> > >
> > >
> > >"me" <@.> wrote in message
> > >news:1BC5AB4B06B6F8D8.AAC0E5EAFC5FA110.82C6E091ECEFDFD2@lp.airnews.net...
> > >Funny. In 2 or so years there will be 200 hams.
> > >Those 200 hams will still think there are alot of hams.
> > >1 HAM is one ego and a waste of time too many (CW). :)
> > >
> > >
> >

1435. Re: InstantTrak help needed

Newsgroup: rec.radio.amateur.space
Date: 2000-06-02 00:00:00 UTC
From: "R.L. Tannehill, P.E." <rickw7rt@mail.firstinter.net>
Message-ID: <39380387.3BE7@mail.firstinter.net>
Source record: 9269

J.A. wrote:
>
> Could you tell me where did you DL Instantrak ?
> R.L. Tannehill, P.E. wrote in message <3934004F.2044@mail.firstinter.net>...
> >Abrayten wrote:
> >>
> >> After having downloaded the software to deal with date 2000 change for
> IT,
> >> there are two satellites which are appearing different from the others on
> the
> >> screen, MIR, and ISS. Each is represented by a larger white spot on the
> screen,
> >> has no footprint circling that enlargened spot. Any ideas as to why?
> >>
> >Nope, never seen that problem. Try converting a new set of keps with
> >CVITK, then loading them. Make sure you load them as AMSAT keps. BTW,
> >I talked to the author of IT recently, and the new version is in Beta
> >test, and should be out soon. However, he declined to commit to a
> >specific date.
> >
> >Rick T.
> >W7RT

Don't think it can be directly downloaded....I believe you have to order
it from the source listed on the AMSAT web page. But you probably want
to wait until Version 1.5 is out. Otherwise, you may have to pay for it
twice.

Rick T.

1436. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-06-02 00:00:00 UTC
From: jui@rwi.com
Message-ID: <393850FF.B3D8D91E@rwi.com>
Source record: 9270
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

That didn't even make sense brainfart.

Bud the Real wrote:

> jui@rwi.com hollered from the outhouse...
>
> >Obviously a dummy that couldn't learn morse code.
>
> While you're just a dummy who couldn't buy a brain?
>
> To reply by email, remove the XYZ.
>
> Lumber Cartel (tinlc) #2063. Spam this account at your own risk.

1437. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-06-02 00:00:00 UTC
From: technocrat <jbohanejrNOjbSPAM@juno.com.invalid>
Message-ID: <16be26ff.c6e668e0@usw-ex0103-018.remarq.com>
Source record: 9271
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

Hey Sycho...

When all of the support infrastructure that makes your
electronic goodies fail, will you be able to communicate with
anyone about anything?

We will!!

I can make a small spark-gap transmitter (better yet, three or
four spark gap transmitters) from a busted up transistor radio.
If I happen to have a few hundred feet of wire, I can generate
electricity with my bare feet.

Can you? Can you tear apart an apparently dead battery of cells
to determine which cell(s) is bad, remove it, and get useable
current from the rest?

Can you generate a distress signal using only your wits and and
a pile of electronic "junk"?

You don't understand the art of amateur radio.

See you on the island! Going rate: Two quarts of water (de-
salinated only) for 2 minutes on the transmitter.

JB

* Sent from RemarQ http://www.remarq.com The Internet's Discussion Network *
The fastest and easiest way to search and participate in Usenet - Free!

1438. FreeSatelliteTrackingProgram

Newsgroup: rec.radio.amateur.space
Date: 2000-06-03 00:00:00 UTC
From: Serge Kourdakov <kourdak@N0_SPAM_mail.magelan.ru>
Message-ID: <8ha129$8qq$1@news247.cnt.ru>
Source record: 9272

I'm former Russian space engineer and
I'm developing a freeware satellite tracking program for Windows (which I call OrbSat) with
2D and 3D views of earth and satellites.
It is in Alfa version now.

So. If you could give me some feedback about the program I'll be thankful for it.

The link is
http://members.xoom.com/Kourdakov/

look for Enter OrbSat page

| Serge Kourdakov
| http://members.xoom.com/Kourdakov/
|Remove N0_SPAM_ to reply

1439. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-06-03 00:00:00 UTC
From: tlbryant@my-deja.com
Message-ID: <8ha60j02bmj@enews2.newsguy.com>
Source record: 9273
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

In article <16be26ff.c6e668e0@usw-ex0103-018.remarq.com>,
jbohanejrNOjbSPAM@juno.com.invalid says...
>
>Hey Sycho...
>
>When all of the support infrastructure that makes your
>electronic goodies fail, will you be able to communicate with
>anyone about anything?
>
>We will!!

So will CBers. Besides, the people who have the money invested in the
communications infrastructure won't let things stay down for any extended
period of time.

>
>I can make a small spark-gap transmitter (better yet, three or
>four spark gap transmitters) from a busted up transistor radio.
>If I happen to have a few hundred feet of wire, I can generate
>electricity with my bare feet.

To bad that spark gap is illegal.

Tom - N8ECW

1440. Re: Live voice & text chat room for hams!!

Newsgroup: rec.radio.amateur.space
Date: 2000-06-03 00:00:00 UTC
From: Burt <k1oik@yahoo.com>
Message-ID: <6l4_4.36371$Ft1.1871207@typhoon.ne.mediaone.net>
Source record: 9274
Cross-posted to: rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.space,rec.radio.shortwave,tw.bbs.rec.radio.amateur,uk.radio.amateur

"MITBR" <mitbr@earthlink.net> wrote in message
news:dVzZ4.9566$MY6.225164@newsread2.prod.itd.earthlink.net...
> Check out the live voice & text chat for hams now has ability to go to a
> private chat room.click this url to go there directly!!

A private chat room with a ham, now that is exciting.
More exciting than talking to the finast woman in the world.

Please visit my World Wide Web Site, you have never seen a page like it. You
will see:

1. Access to oldies mp3 (albeit on an irregular basis)
2. Really interesting answering machine messages
3. A blond naked chic being held by a female ham!.
4. A guide to the best ham pages ever.
5. Hear Ted Kennedy really screw up in front of Clinton
6. Actually sounds of Bill Clinton "after the lov'in".
7. The writings of me and others on ham radio, hear a typical ham contact.
8. The warm side of K1OIK, hear me speak, see me with famous people.
9. An amazing card game that will shock others
10. Pictures of me and my family.
11. Did common German's enable the holocaust?
12. See now the future of ham radio.
13. How to pass the A+ Certification

Burt Fisher
A Plus Certified Teacher of video, broadcasting and electronics
Amateur call South Dennis, Ma. (Cape Cod)
K1OIK Bacteria-the only culture most hams have

http://hfradio.org/k1oik/

1441. Re: UO-14???

Newsgroup: rec.radio.amateur.space
Date: 2000-06-03 00:00:00 UTC
From: Peter Hodgson <va3pkh@rac.ca>
Message-ID: <39391DFD.EFC122FB@rac.ca>
Source record: 9275

Hi Jim

Its still ok as far as I know.
I had two mobile contacts on 1st and one from home on 31st.
Haven't had a chance today will monitor at 16:14 utc its a 44 deg pass
to the
west of me.

73
Peter
VA3PKH

Jk809 wrote:
>
> Is UO-14 turned off? I have not been able to hear it May 31 or June 1.
>
> Jim K7LD

1442. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-06-03 00:00:00 UTC
From: W6RCecilA <Cecil.A.Moore@IEEE.org>
Message-ID: <39391F70.374C6742@IEEE.org>
Source record: 9276
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

technocrat wrote:
> When all of the support infrastructure that makes your
> electronic goodies fail, will you be able to communicate with
> anyone about anything? We will!!

Please estimate the odds of such a thing happening.
Do you also live in a cave to avoid meteors?

> I can make a small spark-gap transmitter (better yet, three or
> four spark gap transmitters) from a busted up transistor radio.

Oh dear, we have a ham proposing breaking the law.
--
73, Cecil, W6RCA http://www.mindspring.com/~w6rca

1443. Re: UO-14???

Newsgroup: rec.radio.amateur.space
Date: 2000-06-03 00:00:00 UTC
From: jk809@aol.com
Message-ID: <20000603112825.26129.00001763@ng-cu1.aol.com>
Source record: 9277

Thanks for your reply. For some reason I had to reload the keps into IT. I made several contacts last night. It was a very busy satellite! Best dx was ve3eps in FN03. I am in CN87.

Jim K7LD

1444. Re: Live voice & text chat room for hams!!

Newsgroup: rec.radio.amateur.space
Date: 2000-06-03 00:00:00 UTC
From: X@Y.Z.net
Message-ID: <slrn8jirkc.a70.X@animas.frontier.net>
Source record: 9278
Cross-posted to: rec.radio.amateur.boatanchors,rec.radio.amateur.digital.misc,rec.radio.amateur.dx,rec.radio.amateur.equipment,rec.radio.amateur.homebrew,rec.radio.amateur.misc,rec.radio.amateur.space,rec.radio.shortwave,tw.bbs.rec.radio.amateur,uk.radio.amateur

On Sat, 03 Jun 2000 10:01:38 GMT, Burt scribbled:
>
>Burt Fisher
>A Plus Certified

Brother! Don't we know that!!!

1445. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-06-03 00:00:00 UTC
From: technocrat <jbohanejrNOjbSPAM@juno.com.invalid>
Message-ID: <1629914f.e1bb0f7b@usw-ex0103-086.remarq.com>
Source record: 9279
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

Hi Tom...

Not talking about legality (spark gap)!!

Talking about functionality in a pinch!

jb

* Sent from RemarQ http://www.remarq.com The Internet's Discussion Network *
The fastest and easiest way to search and participate in Usenet - Free!

1446. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-06-03 00:00:00 UTC
From: technocrat <jbohanejrNOjbSPAM@juno.com.invalid>
Message-ID: <0b2b8924.e228e8b2@usw-ex0103-086.remarq.com>
Source record: 9280
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

Cecil,

Again, see response to T.L Bryant. Legality was not the issue!

jb

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1447. Re: UO-14???

Newsgroup: rec.radio.amateur.space
Date: 2000-06-03 00:00:00 UTC
From: Pat Cox <peacox@gloryroad.net>
Message-ID: <39399311.80023368@gloryroad.net>
Source record: 9281

Peter: I wonder what you might be using for an antenna. I can hear SO-35 and AO-27 fine but I have a lot of difficulty hearing the UO-14. I have tried my discone, a 440 ringo, and even my Cuscraft AO-1 Oscar Pack (145 twist and 435 twist). It is hard to imagine heraring it good enough to work it mobile. I have pre-amp that I have not installed in line yet but I don't know how much that will help. Thanks. Pat K4AVO

Peter Hodgson wrote:

> Hi Jim
>
> Its still ok as far as I know.
> I had two mobile contacts on 1st and one from home on 31st.
> Haven't had a chance today will monitor at 16:14 utc its a 44 deg pass
> to the
> west of me.
>
> 73
> Peter
> VA3PKH
>
> Jk809 wrote:
> >
> > Is UO-14 turned off? I have not been able to hear it May 31 or June 1.
> >
> > Jim K7LD

1448. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-06-03 00:00:00 UTC
From: W6RCecilA <Cecil.A.Moore@IEEE.org>
Message-ID: <3939A715.FC480F94@IEEE.org>
Source record: 9282
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

technocrat wrote:
> Again, see response to T.L Bryant. Legality was not the issue!

I'm an Electronics Engineer and I don't know how to
make a spark-gap transmitter out of a transistor radio.
Care to describe how to do it?
--
73, Cecil, W6RCA http://www.mindspring.com/~w6rca

1449. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-06-03 00:00:00 UTC
From: Glen Quarnstrom <glenq@cyberhighway.net>
Message-ID: <q9cjjso7gduku1am8jov92ssnfke3tpsmj@4ax.com>
Source record: 9283
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

W6RCecilA <Cecil.A.Moore@IEEE.org> wrote:

>technocrat wrote:
>> Again, see response to T.L Bryant. Legality was not the issue!
>
>I'm an Electronics Engineer and I don't know how to
>make a spark-gap transmitter out of a transistor radio.
>Care to describe how to do it?

Connect two clip leads to the batteries. Connect one clip lead to a
rusty file. Drag the other clip lead over the file in Morse Code
sequence. <grin>

I've heard C.W. transmitters that sounded like they were built that way.
--
glenq@cyberhighway.net
WB7DOW

http://www.cyberhighway.net/~glenq/

1450. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-06-03 00:00:00 UTC
From: technocrat <jbohanejrNOjbSPAM@juno.com.invalid>
Message-ID: <014dc2c8.6460a698@usw-ex0106-045.remarq.com>
Source record: 9284
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

Cecil....

I'm betting you are a good guy, but I'm also betting that you are baiting me.

If you are an EE, and you don't know how to build a spark-gap transmitter, then I'm sure that I'm not the one you need to be talking to.

See my response to Glen for starters.

Also, remember that in my first post in this topic, and in those posts following the first, I am communicating with someone who relies on the understanding and promise of performance from others rather than on his own technical 'understanding of the concepts' himself.

Again, this is not a question of legality or of polite, logical discuurse. To me, it is a matter of practicality....there are those who "CAN" when it comes to radio wave communication, and those who "CAN'T".

Those who "CAN" are those who understand the art of amateur radio (or, those who understand the technical essence of radio telecommunications in general, for those who like to split hairs), and those who "CAN'T", meaning those who rely on others to provide them communication services, and who have NO idea of how to arrange the same service for themselves should their enablers fail at the task of serving them.

In a nutshell, I am considering those who "talk out of their butts" against those who have the technical saavy to be "CAN DO" operators.

Discussions along any lines other than these are based on a failure to understand my point of departure, and a failure to understand the difference between a technically saavy ham and the qualifications of the intended recipient of my first post.

Basically, discussions along any other lines than these betrays that the dissenting poster didn't understand the difference between the original poster's comments and my response to those comments.

Regards!

JB

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1451. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-06-03 00:00:00 UTC
From: technocrat <jbohanejrNOjbSPAM@juno.com.invalid>
Message-ID: <0eaa095c.69be16e7@usw-ex0106-045.remarq.com>
Source record: 9285
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

This may be a "duplicate post" of sorts in response to Glen, but
I posted one and did not see it appear. Sorry to have taken
uptoo much space if it (eventually) did appear.

In basics, Glen seems to have the point, or at least he has
responded accordingly, and seems to understand what I am trying
to say.

Best Regards!!

JB

* Sent from RemarQ http://www.remarq.com The Internet's Discussion Network *
The fastest and easiest way to search and participate in Usenet - Free!

1452. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-06-03 00:00:00 UTC
From: W6RCecilA <Cecil.A.Moore@IEEE.org>
Message-ID: <3939DB2B.45B09D8A@IEEE.org>
Source record: 9286
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

Glen Quarnstrom wrote:
> Connect two clip leads to the batteries. Connect one clip lead to a
> rusty file. Drag the other clip lead over the file in Morse Code
> sequence. <grin>

Well, I know how to do that Glen, but that has nothing
to do with making a spark-gap transmitter out of a
transistor radio.
--
73, Cecil, W6RCA http://www.mindspring.com/~w6rca

1453. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-06-03 00:00:00 UTC
From: W6RCecilA <Cecil.A.Moore@IEEE.org>
Message-ID: <3939DBFD.13E11F91@IEEE.org>
Source record: 9287
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

technocrat wrote:
> If you are an EE, and you don't know how to build a spark-gap
> transmitter, then I'm sure that I'm not the one you need to be
> talking to.

Oh, I know exactly how to build a spark-gap transmitter
just not out of a transistor radio as you said you do.
Exactly what parts in the transistor radio do you use
for the spark-gap transmitter?
--
73, Cecil, W6RCA http://www.mindspring.com/~w6rca

1454. Re: WTB: Yaesu FT-726R

Newsgroup: rec.radio.amateur.space
Date: 2000-06-03 00:00:00 UTC
From: "Richard L. Tannehill, P.E." <rickw7rt@firstinter.net>
Message-ID: <3939F8CE.537E@firstinter.net>
Source record: 9288

Brian Hunter wrote:
>
> Hi, I'm looking for an FT-726R rig with the Sat module included. Looking to
> get into Satellite and have heard that this is one of the better (and
> cheaper) rigs to use.
>
> Thanks
> Brian

Plan on using a linear with the FT726. It only puts out 10 watts on
both VHF and UHF. I used one for several years, and it was a good
little rig for the money. The biggest drawback was lack of inverse
linear tracking however.

Rick T.
W7RT

1455. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-06-04 00:00:00 UTC
From: tlbryant@my-deja.com
Message-ID: <8hcoge01l9f@enews3.newsguy.com>
Source record: 9289
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

In article <1629914f.e1bb0f7b@usw-ex0103-086.remarq.com>,
jbohanejrNOjbSPAM@juno.com.invalid says...
>
>Hi Tom...
>
>Not talking about legality (spark gap)!!
>
>Talking about functionality in a pinch!
>

Maybe so, but it's still illegal.

Tom - N8ECW

1456. Re: Ham Population Dwindling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-06-04 00:00:00 UTC
From: jeffreyh@Hawaii.Edu
Message-ID: <8hcoif$g5f$1@news.hawaii.edu>
Source record: 9290
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

Glen Quarnstrom <glenq@cyberhighway.net> wrote:
>Connect two clip leads to the batteries. Connect one clip lead to a
>rusty file. Drag the other clip lead over the file in Morse Code
>sequence. <grin>

That same "circuit" was in one of Radio Shack's Engineering Notebook
series (a collection of booklets for electronics beginners).

Let's not forget that spark (Class B emission) wasn't banned until
1 January 1966 as per the 1959 Geneva International Radio Conference.

Jeff KH6O

1457. Re: Ham Population Dwindling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-06-04 00:00:00 UTC
From: jeffreyh@Hawaii.Edu
Message-ID: <8hcq7n$hr4$1@news.hawaii.edu>
Source record: 9291
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

W6RCecilA <Cecil.A.Moore@IEEE.org> wrote:
>I'm an Electronics Engineer and I don't know how to
>make a spark-gap transmitter out of a transistor radio.
>Care to describe how to do it?

I suppose you could use the wire from the ferrite loop antenna to
make a step-up transformer; you'll need to construct an "interrupter"
and place it in series with the primary so the battery voltage is
pulsed. Use some metal from the radio's frame to make two opposing
electrodes -- they're in series with the transformer's secondary.
It can be made frequency-agile by making a tuning circuit from the
the 365 pF variable cap and one or more of the inductors. It will
be as broad as a barn door -- some stages of filtering can be
added using components from the transistor radio.

A "clean" spark transmitter was discussed in detail on the GlowBugs
email list some time ago.

Got to go watch for the NASA satellite observatory's re-entry --
it's supposed to crash into the Pacific within the next half-hour;
six tons of it is supposed to survive the re-entry.

Jeff KH6O

1458. Re: WTB: Yaesu FT-726R

Newsgroup: rec.radio.amateur.space
Date: 2000-06-04 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8jk4dt.ogt.nomail@linux.pe1chl.ampr.org>
Source record: 9292

Richard L. Tannehill, P.E. <rickw7rt@firstinter.net> wrote:
>Brian Hunter wrote:
>>
>> Hi, I'm looking for an FT-726R rig with the Sat module included. Looking to
>> get into Satellite and have heard that this is one of the better (and
>> cheaper) rigs to use.
>>
>> Thanks
>> Brian

>Plan on using a linear with the FT726. It only puts out 10 watts on
>both VHF and UHF.

Of course, 10 Watts is enough to put out the EIRP that Amsat recommends
before launching a satellite. In practice one needs 10 dB more than that,
"because everyone has it"...

Situation will probably be the same on Phase 3D.

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

1459. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-06-04 00:00:00 UTC
From: Lumpy <lumpy@digitalcartography.com>
Message-ID: <393a9b80$1@news.peakpeak.com>
Source record: 9293
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

On: How to make a spark gat transmitter...

Glen Quarnstrom wrote:
> > Connect two clip leads to the batteries. Connect one
clip lead to a
> > rusty file. Drag the other clip lead over the file in
Morse Code
> > sequence. <grin>

W6RCecilA then wrote;
> Well, I know how to do that Glen, but that has nothing
> to do with making a spark-gap transmitter out of a
> transistor radio.

Sure it does, Cecil. You pull out the ferrite antenna
in the radio and unwrap the windings. Use it for the
file scrape thing.

Glen...Do you recommend Farnsworth or straight
timing for good file work...;-)

lumpy n0eq

--
The Very Unofficial Colorado APRS Page
http://www.digitalcartography.com

1460. Re: WTB: Yaesu FT-726R

Newsgroup: rec.radio.amateur.space
Date: 2000-06-05 00:00:00 UTC
From: "R.L. Tannehill, P.E." <rickw7rt@mail.firstinter.net>
Message-ID: <393C2D90.399@mail.firstinter.net>
Source record: 9199

Rob Janssen wrote:
>
> Richard L. Tannehill, P.E. <rickw7rt@firstinter.net> wrote:
> >Brian Hunter wrote:
> >>
> >> Hi, I'm looking for an FT-726R rig with the Sat module included. Looking to
> >> get into Satellite and have heard that this is one of the better (and
> >> cheaper) rigs to use.
> >>
> >> Thanks
> >> Brian
>
> >Plan on using a linear with the FT726. It only puts out 10 watts on
> >both VHF and UHF.
>
> Of course, 10 Watts is enough to put out the EIRP that Amsat recommends
> before launching a satellite. In practice one needs 10 dB more than that,
> "because everyone has it"...
>
> Situation will probably be the same on Phase 3D.
>
> Rob

I sure hope not...
Rick T.

> --
> +----------------------------------+--------------------------------------+
> | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
> | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
> +----------------------------------+--------------------------------------+

1461. WTB: 70cm Preamp

Newsgroup: rec.radio.amateur.space
Date: 2000-06-05 00:00:00 UTC
From: Jeff Grey <cdma77@aol.com>
Message-ID: <393C6ABA.AE0@aol.com>
Source record: 9200

I am looking for a 70cm LNA (preamp) to purchase.

Jeff
N8EIP

1462. Ham website name for sale: callingcq.com

Newsgroup: rec.radio.amateur.space
Date: 2000-06-05 00:00:00 UTC
From: compcnsult@aol.com
Message-ID: <20000604231120.24239.00001881@ng-fp1.aol.com>
Source record: 9294

Ebay link:

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=350416226

Thanks for looking.

Chuck
W0CBF

1463. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-06-05 00:00:00 UTC
From: technocrat <jbohanejrNOjbSPAM@juno.com.invalid>
Message-ID: <1963d0e8.c63e2177@usw-ex0102-015.remarq.com>
Source record: 9295
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

In response to Tom Bryant:

Tom...I see you are the kind of guy who likes to have the last
word, even after you understand and concede the point. So I
will let you have it <grin>

73 OM

John
KA1HIC

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1464. Re: UO-14???

Newsgroup: rec.radio.amateur.space
Date: 2000-06-05 00:00:00 UTC
From: Peter Hodgson <va3pkh@rac.ca>
Message-ID: <393C0141.2DF84DDA@rac.ca>
Source record: 9296

Hi Pat

At home I have an Arrow handheld beam and an ADI HT204 (similar to 600)
In the car I have a Larsen dual band mag mount I believe its a NMO270 or
similar model number, on the trunk. When mobile I have 5 pairs of
frequencies to compensate for doppler. Don't forget that by the time I
get it on northbound trips I am usually mostly talking to Canadians an
northern US so it is starting to get quieter. I also try to do my mobile
work during the middle of the morning as I am able to get out of the
office and drive to other work sites. I plan my trips to coincide with
passes.

I get up early Saturdays and go stand on a nearby hill with the Arrow
for the low angle passes. I got Iceland one day and England the next
week.
I occasionally hear French stations.

Hope to talk again soon on the birds.
73

Peter

Pat Cox wrote:
>
> Peter: I wonder what you might be using for an antenna. I can hear SO-35 and
> AO-27 fine but I have a lot of difficulty hearing the UO-14. I have tried my
> discone, a 440 ringo, and even my Cuscraft AO-1 Oscar Pack (145 twist and 435
> twist). It is hard to imagine heraring it good enough to work it mobile. I
> have pre-amp that I have not installed in line yet but I don't know how much
> that will help. Thanks. Pat K4AVO
>
> Peter Hodgson wrote:
>
> > Hi Jim
> > >
> > Its still ok as far as I know.
> > I had two mobile contacts on 1st and one from home on 31st.
> > Haven't had a chance today will monitor at 16:14 utc its a 44 deg pass
> > to the
> > west of me.
> > >
> > 73
> > Peter
> > VA3PKH
> > >
> > Jk809 wrote:

> > >
> > > Is UO-14 turned off? I have not been able to hear it May 31 or June 1.
> > >
> > > Jim K7LD

1465. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-06-05 00:00:00 UTC
From: technocrat <jbohanejrNOjbSPAM@juno.com.invalid>
Message-ID: <10b380f4.c9c7e878@usw-ex0102-015.remarq.com>
Source record: 9297
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

Come on Cecil! You're not cutting me any slack. I could go get
my "tune in the world with Ham radio" primer to find the answer,
but instead I'll just say that I can cause an electromagnetic
disturbance just by walking accross my floor and grounding out
on a doorknob. If I find a way to do it on demand by recharging
my source potential quickly, then by touching two conductors
together to effect the discharge, then I am even more efficient.

Remember the (primary)recipient of my original post, and you
will see what I was getting at (I think you already see it and
now you want to twist me a little bit).

Remember that in my first response post, I didn't mention
radiating efficiency/ ERP at all!

In that post I was also careful to mention that I could find a
way to generate the power (sorry, EMF potential) if I had only
enough wire (and I could, and you could too, so don't ask me
how!) A few capacitors in series from the transistor radio to
enhance the discharge, and a switch, boy, I'd have the best
highly enhanced S.G. transmitter on the block. That's all!

_ _··· ···_ _

JB

p.s. I was thinking of using my own human energy to turn the
speaker magnet inside a coil. Can you tell me that , in theory,
it wouldn't work?

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1466. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-06-05 00:00:00 UTC
From: W6RCecilA <Cecil.A.Moore@IEEE.org>
Message-ID: <393C06F2.485B2940@IEEE.org>
Source record: 9298
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

technocrat wrote:
> In that post I was also careful to mention that I could find a
> way to generate the power (sorry, EMF potential) if I had only
> enough wire (and I could, and you could too, so don't ask me
> how!) A few capacitors in series from the transistor radio to
> enhance the discharge, and a switch, boy, I'd have the best
> highly enhanced S.G. transmitter on the block. That's all!

How are you going to do that with capacitors rated for
ten volts maximum? I'm giving you a hard time about making
a spark-gap transmitter out of a transistor radio which is
manufactured with low voltage parts. If you had said instead
that you could make one out of wire, a file, and a car battery,
I would not have said anything.

> p.s. I was thinking of using my own human energy to turn the
> speaker magnet inside a coil. Can you tell me that , in theory,
> it wouldn't work?

I'll bet "The Matrix" is your favorite movie. :-)
--
73, Cecil, W6RCA http://www.mindspring.com/~w6rca

1467. Any body in SE Massachusetts

Newsgroup: rec.radio.amateur.space
Date: 2000-06-06 00:00:00 UTC
From: RG <prieye@NOJUNKmediaone.net>
Message-ID: <qN__4.59686$nl3.189516@typhoon.ne.mediaone.net>
Source record: 9201

If you live in SE Massachusetts and are familiar with working the birds please contact me at prieye@nojunkmediaone.net Naturally you need to leave out the no junk part of that address. Thanks RG

1468. Re: WTB: Yaesu FT-726R

Newsgroup: rec.radio.amateur.space
Date: 2000-06-06 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8jpcuf.7bi.nomail@linux.pe1chl.ampr.org>
Source record: 9202

R.L. Tannehill, P.E. <rickw7rt@mail.firstinter.net> wrote:

>Rob Janssen wrote:
>>
>> Richard L. Tannehill, P.E. <rickw7rt@firstinter.net> wrote:
>> >Brian Hunter wrote:
>> >>
>> >> Hi, I'm looking for an FT-726R rig with the Sat module included. Looking to
>> >> get into Satellite and have heard that this is one of the better (and
>> >> cheaper) rigs to use.
>> >>
>> >> Thanks
>> >> Brian
>>
>> >Plan on using a linear with the FT726. It only puts out 10 watts on
>> >both VHF and UHF.
>>
>> Of course, 10 Watts is enough to put out the EIRP that Amsat recommends
>> before launching a satellite. In practice one needs 10 dB more than that,
>> "because everyone has it"...
>>
>> Situation will probably be the same on Phase 3D.
>>
>> Rob

>I sure hope not...
>Rick T.

Then why do you join the club and advise someone else to use a linear?

Rob
--
+-----------------------------------+---------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+-----------------------------------+---------------------------------------+

1469. For Sale: Comet 10/6M vert Ant

Newsgroup: rec.radio.amateur.space
Date: 2000-06-06 00:00:00 UTC
From: Howard Rudy <hrudy@lgcy.com>
Message-ID: <393D65C5.49C7D30E@lgcy.com>
Source record: 9203

I thought that I had all my Ants sold with my last post.
But the Ham that wanted the 10/6 m vert. never sent the
money order, nor will he answer my email. Had a lot
of later replies from Hams that want the Ant too, but
didn't keep there replies.
So the Ant is up for sale again.

"New In Box" NCG Comet Antenna #CA-350DB 10/6 m dual band vert.
10m 2.15db gain & 6m 6.5db gain; 22.6 ft long 6.4lbs.
new price $259.95 from AES asking $125.00 + shipping in the USA.

73's KA7YWO
Howard Rudy
SLC, UT.

Contact me @ <hrudy@lgcy.com>
or call 801-532-8511

1470. Re: Soundblaster Cards and 9k6 PSK satellites

Newsgroup: rec.radio.amateur.space
Date: 2000-06-06 00:00:00 UTC
From: marsgal42@hotmail.com
Message-ID: <8hjmo0ipd1@nnrp1.deja.com>
Source record: 9204

In article <39310815.0@news1.mweb.co.za>,
"Cedar Ryan" <cedar@mweb.co.za> wrote:
> Hello all,
>
> I am looking to see if anyone can help me to find SoundBlaster
software
> which can receive 9k6 PSK (and / or 1200 PSK) satellite downlinks...

Similar software is part of all Linux distributions ("Soundmodem
support"). It supports, among other things, 9600 baud FSK and 1200
baud AFSK (terrestrial packet).

Laura Halliday VA3LDH/7 "Que les nuages soient notre
Grid: CN89mg pied a terre..." - Hospital/Shafte

Sent via Deja.com http://www.deja.com/
Before you buy.

1471. Re: Ham Population Dwidling (sic) To Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-06-06 00:00:00 UTC
From: elsapo@sepa.la
Message-ID: <393d590e.762862@news.uswest.net>
Source record: 9205

Not to worry. There's plenty of Spam.

1472. FS: AEA DSP-2232 Satellite & all mode TNC

Newsgroup: rec.radio.amateur.space
Date: 2000-06-06 00:00:00 UTC
From: Charlie Rubenstein <charlier@fuse.net>
Message-ID: <sjrgv3s82t570@corp.supernews.com>
Source record: 9206

I have for sale a mint condition AEA DSP-2232 dual port all mode TNC.
Handles all Sat modes, 9600 baud, 1200 PSK, as well as all terrestrial
modes, pactor, RTTY, CW, FAX, etc. Sold originally for 800+, make a
reasonable offer. Just dont use it anymore.

Charlie KB8BWE
charlier@fuse.net

1473. Re: WTB: Yaesu FT-726R

Newsgroup: rec.radio.amateur.space
Date: 2000-06-07 00:00:00 UTC
From: "R.L. Tannehill, P.E." <rickw7rt@mail.firstinter.net>
Message-ID: <393EBF83.25C9@mail.firstinter.net>
Source record: 9207

```
Rob Janssen wrote:
>
> R.L. Tannehill, P.E. <rickw7rt@mail.firstinter.net> wrote:
>
> >Rob Janssen wrote:
> >>
> >> Richard L. Tannehill, P.E. <rickw7rt@firstinter.net> wrote:
> >> >Brian Hunter wrote:
> >> >>
> >> >> Hi, I'm looking for an FT-726R rig with the Sat module included. Looking to
> >> >> get into Satellite and have heard that this is one of the better ( and
> >> >> cheaper) rigs to use.
> >> >>
> >> >> Thanks
> >> >> Brian
> >>
> >> >Plan on using a linear with the FT726. It only puts out 10 watts on
> >> >both VHF and UHF.
> >>
> >> Of course, 10 Watts is enough to put out the EIRP that Amsat recommends
> >> before launching a satellite. In practice one needs 10 dB more than that,
> >> "because everyone has it"...
> >>
> >> Situation will probably be the same on Phase 3D.
> >>
> >> Rob
>
> >I sure hope not...
> >Rick T.
>
> Then why do you join the club and advise someone else to use a linear?
>
> Rob
> --
> +---------------------------------+--------------------------------------+
> | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
> | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
> +---------------------------------+--------------------------------------+

Because old AO10, in it's crippled condition, doesn't do very well with
50 watts ERP. (10 watt radio, 3 db feedline loss to antenna, 10 db
antenna). That's the bird he wants to work, and he needs about 100
watts ERP to adequately get into it. Even that much ERP doesn't
completely compensate for the AO10 tumbling nulls that occur. But any
```

more than 100 watts is not reasonable, and would eat up most of the transponder's power. Hope that explains my position.

Rick T.
W7RT

1474. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-06-07 00:00:00 UTC
From: technocrat <jbohanejrNOjbSPAM@juno.com.invalid>
Message-ID: <1fe6477c.3a994c61@usw-ex0102-014.remarq.com>
Source record: 9208
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

Cecil...

I know you are a very smart guy. I stumbled accross your comments in the "speed of light exceeded" topic, and now I am sure that you are having a good chuckle at my expense.

That's OK!

But remember that in my original post about the transistor radio parts being used to create a spark gap transmitter, I didn't mention efficiency, ERP, or "final stage" power of any spark-gap transmitter.

I was trying to show the fellow who bad-mouthed amateur radio that it is better to understand for one's self rather than depend on others who understand for us. It is especially curious that someone should bad-mouth the very people who are to be credited with many of the advances that give the bad-mouther a comfortable, cushy communications lifestyle.

And everything that I proposed was in line with current EMF radiation theory (granted, in a very simple way).

Twist me a little more!! But now I think I am sure that you knew where I was coming from, right from the start!

John

* Sent from RemarQ http://www.remarq.com The Internet's Discussion Network *
The fastest and easiest way to search and participate in Usenet - Free!

1475. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-06-07 00:00:00 UTC
From: technocrat <jbohanejrNOjbSPAM@juno.com.invalid>
Message-ID: <1e42fd5c.3c9c1503@usw-ex0102-014.remarq.com>
Source record: 9209
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

Cecil...

I loved the MATRIX!

But let me twist _your_ ears a little bit.

If I charge a low voltage capacitor to its capacity, and then I
short its leads, does it result in an electromagnetic
disturbance, or not?

JB

* Sent from RemarQ http://www.remarq.com The Internet's Discussion Network *
The fastest and easiest way to search and participate in Usenet - Free!

1476. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-06-07 00:00:00 UTC
From: W6RCecilA <Cecil.A.Moore@IEEE.org>
Message-ID: <393F1705.BC2EBEA1@IEEE.org>
Source record: 9210
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

technocrat wrote:
> Twist me a little more!! But now I think I am sure that you
> knew where I was coming from, right from the start!

Of course, didn't you feel that tug on your ankle?
--
73, Cecil, W6RCA http://www.mindspring.com/~w6rca

1477. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-06-07 00:00:00 UTC
From: W6RCecilA <Cecil.A.Moore@IEEE.org>
Message-ID: <393F177D.AD2122B8@IEEE.org>
Source record: 9211
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

technocrat wrote:
> If I charge a low voltage capacitor to its capacity, and then I
> short its leads, does it result in an electromagnetic
> disturbance, or not?

Nothing to write home about.
--
73, Cecil, W6RCA http://www.mindspring.com/~w6rca

1478. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-06-08 00:00:00 UTC
From: "3.14159265358979323846264338327 95" <ipete88@hotmail.com>
Message-ID: <iCE%4.35107$Ad6.250960@typhoon.southeast.rr.com>
Source record: 9212
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

of course it does. What's wrong with exceeding the speed of light? It
happens everyday.

Peter

technocrat <jbohanejrNOjbSPAM@juno.com.invalid> wrote in message
news:1e42fd5c.3c9c1503@usw-ex0102-014.remarq.com...
> Cecil...
>
> I loved the MATRIX!
>
> But let me twist _your_ ears a little bit.
>
> If I charge a low voltage capacitor to its capacity, and then I
> short its leads, does it result in an electromagnetic
> disturbance, or not?
>
> JB
>
>
>
>
>
> * Sent from RemarQ http://www.remarq.com The Internet's Discussion Network
*
> The fastest and easiest way to search and participate in Usenet - Free!
>

1479. Re: Ham Population Dwidling to Nothing

Newsgroup: rec.radio.amateur.space
Date: 2000-06-08 00:00:00 UTC
From: Bob Wex w2ilp <w2ilp@juno.com>
Message-ID: <8hoaul$9t$1@nnrp1.deja.com>
Source record: 9213
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

In article <1e42fd5c.3c9c1503@usw-ex0102-014.remarq.com>,
technocrat <jbohanejrNOjbSPAM@juno.com.invalid> wrote:
> Cecil...
>
> I loved the MATRIX!
>
> But let me twist _your_ ears a little bit.
>
> If I charge a low voltage capacitor to its capacity, and then I
> short its leads, does it result in an electromagnetic
> disturbance, or not?
>
> JB
>
> * Sent from RemarQ http://www.remarq.com The Internet's Discussion
Network *
> The fastest and easiest way to search and participate in Usenet -
Free!
>
Any time electrons flow in unison there is some electronic
disturbance that results. Anything that moves in an electric field
generates a magnetic field and any conductor that moves in a magnetic
field generates an electric current. Any field may be a disturbance to
any other fields anywhere....even in left field... even in miscelaneous.
When the Ham population signifiently increases or decreases it can
be a reason to post about it in rec.radio.amateur.misc. It is well
withing the field of such a category since it signifies a probable
disturbance to the total basis and purpose of amateur radio...just as
much as a gigantic solar flare. There sure will be some miscellaneous
effects involved!
People who believe that electricity flows from + to - use the right
hand rule. People who believe that electricity flows from - to + use
the left hand rule. Let me put another twist on the subject. People
who believe that Ham Radio is not a technical hobby are trying to make
up their own dumbed down rules which can cause such a disturbance that
hams will flow away from the hobby and non-hams will be so repelled as
to never consider becoming hams.
This is my unified field theory. I'm just a ham. I don't promote any
hand rules but sometimes I think we need to signal that uses some
finger rules. I dunno if they will only include thumbs up. Surely
some concepts recently enacted call for other miscelaneous finger
gestures.

Hams need MORE license classes,
Bob Wex w2ilp (Increase License Potential)

Sent via Deja.com http://www.deja.com/
Before you buy.

1480. where is SO-35?

Newsgroup: rec.radio.amateur.space
Date: 2000-06-08 00:00:00 UTC
From: Agent I <I@theoffice.net>
Message-ID: <8hofic$2ov$1@grandprime.binc.net>
Source record: 9214

I havn't heard SO-35 in a few days. I was outside for a pass but heard nothing. I saw it key up every 7 seconds or so. at least i think it was so-35 because i was tracking it but all i got was a full meter, no voices.

The website said they had voice communications thoes days.

-- Carl
KB9UNG

"It just goes to show you, it's always something. If it's not one thing it's another."
- Gilda Radner as Roseanne Roseannadanna

http://www.mailbag.com/users/meteu/

Hams, take a look at my Ham Radio page.
SETI@Home users, check out my website to see my SETI@Home page. You can even join my SETI group.

1481. Radio Meteor Obs. Bull. may 2000

Newsgroup: rec.radio.amateur.space
Date: 2000-06-08 00:00:00 UTC
From: steyaert@vvs.be
Message-ID: <39400928.8910675@news.innet.be>
Source record: 9215
Cross-posted to: rec.radio.amateur.space,sci.astro.amateur

Radio Meteor Observation Bulletin No. 82 June 2000

1. FORWARD SCATTER METEOR OBSERVATIONS

Observer: Enric Fraile Algeciras
Location: Paseo Bonanova, 8 Barcelona (02 07'E, 41 24' N)
Frequency: 48.24715 MHz.
Transmitter Location: Biedenkopf C2 TV, Video Frequency 48.250 MHz,
ERP 100 kW, Azimuth 90 +/-65
Antenna: 6-element Yagi 617-6B, 14 dBd gain.
astronomical azimuth 215 deg (=NE), elevation 0 deg.
Antenna: Six element Yagi 617-6B, 14 dBi gain, horizontal polariz.
Azimuth 200 deg (NE), elevation 20 deg
Receiver: home made converter 20 dB gain, 1 dB noise and Kenwood TS-830S.
10 dB attenuator in the receiver to reduce direct reception
Sensitivity: 0.25 uV for 10 dB S/N
Observing method: the audio signal of the video carrier is received using
a narrow CW filter (500 Hz) and fed into the PC in real time.
Data sampling system: own written software "MSD" with sound card.

| May 2000
UT | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
----+---
0h| 70 56 72 84 72 208 90 65 83 82 95 93
1 | 74 58 69 78 65 120 73 65 76 58 68 98
2 | 81 91 76 84 107 92 80 93 85 85 94 66
3 | 115 123 129 143 123 189 110 127 95 113 98 101
4 | 204 176 161 152 181 146 174 147 149 176 160 129
5 | 175 182 218 236 259 171 198 172 146 140 162
6 | 199 214 254 198 201 197 164 224 212 154 199
7 | 163 179 239 260 219 280 238 217 192 178 204
8 | 198 168 218 211 234 333 150 170 187 158 151
9 | 129 171 234 169 144 260 164 165 167 166 78
10 | 83 157 164 146 104 61 95 166 125 92 104
11 | 80 118 112 167 128 157 72 102 116 97 143 54
12 | 98 120 116 155 154 114 279 123 140 136 127 82
13 | 92 128 148 149 143 122 124 156 154 129 170 87
14 | 119 99 141 159 131 130 152 116 113 128 111 78
15 | 76 77 69 97 104 87 97 100 88 97 119 58
16 | 53 52 68 57 61 71 66 72 62 69 80 89
17 | 40 33 38 48 50 105 55 78 32 59 37 36
18 | 25 34 38 36 32 54 58 44 36 48 32 36
19 | 49 44 51 35 46 54 28 33 37 39 42 44
20 | 55 30 47 43 46 51 42 33 38 37 40 41 29

```
21 | 91 61 59 67 63 52 57 64 81 76 63 47 58
22 | 84 65 74 61 66 73 68 90 78 87 63 94 70
23 | 89 81 89 64 71 89 89 84 81 109 82 89 62
----+------------------------------------------------------------
UT | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
| May 2000

| May 2000
UT | 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
----+------------------------------------------------------------------
0h|192 90 100 98 107 83 72 68 85 87 24 40 16 23 13 37
1 |187 58 77 65 103 108 86 62 60 60 32 17 22 25 14 51
2 | 63 72 159 85 83 81 82 65 59 73 13 15 25 67 15 57
3 |105 84 69 88 97 101 77 123 85 109 28 27 18 17 30 43
4 |117 135 91 122 105 114 112 122 125 103 65 34 54 136? 22 147
5 |132 161 130 133 178 125 139 129 154 161 39 35 52 6? 28 57
6 |138 204 188 146 192 123 151 172 143 169 36 58? 45 6? 45 58
7 |180 209 165 149 138 146 149 161 155 155 36 69? 96? 6?178? 24
8 |178 208 131 120 142 147 177 182 107 104 54 121? 6? 33?142? 3
9 |180 180?107?111 131 147 107 134 80 7 33 111? 20?125?110? 2
10 |132 142?151? 98 178?173 75 92 55 0 12 161? 74? 13 26? 1
11 | 97 108? 89 86 204?109 79 80 55 1 13 256? 39? 11 15 14
12 |137 127 84 130 101?159 125? 94? 92 7 17 63 109 21 23 14
13 |122 120 157 132 121 190 20?148 137 38 36 146 131 47 30 44
14 | 74?101 119 101 112 153 282?141 108 76 25 41 37 25 52 40
15 | 29? 61 103 76 81 99 125 79 97 99 19 55 30 89? 22 45?
16 |100? 37 67 72 62 45 60 155? 64 93 21 30 36 42? 24 11?
17 | 47? 35 46 40 47 38 81 44 67 14 41 47 21 124?159?
18 | 42 38 46 48 64 29 38 44 54 18 53 8 45 86? 20
19 | 35 37 38 33 35 38 27 38 26 32 162 18 8 188? 51
20 | 34 42 35 41 47 65 32 47 35 303? 12 7 14 53? 16
21 | 71 57 46 54 70 73 51 46 51 19 176? 12 20 18 13 19
22 | 73 72 79 59 85 74 68 82 49 40 50 23 24 18 18 2
23 | 63 85 73 86 150 119 106 91 75 27 26 23 18 18 14 9
----+------------------------------------------------------------------
UT | 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
| May 2000
```

Notes:
. with the Meteor software detection (MSD) I can determine now if there is F.A.I. or sporadic-E opening propagation.
MSD is now translated into English but the explanations are in Spanish, very soon they will be in English too.
. ? probably affected by sporadic-E

Enric Fraile Algeciras

Observer: Michael Boschat
Location: Halifax, Canada (63 36'W, 44 39'N, 58 meters above sea level)
Listening Frequency: 83.24 MHz

Receiver: Icom R-10
Antenna : resonant dipole
Antenna Direction: Horizontally polarized with lobes in E-W plane, elev 0 deg
Filter : high-Q (Q at least 300) bandpass filter between antenna & receiver.
Listening Mode: CW
Recording method: listening by ear

May 2000

Number of meteors heard in one hour interval

```
2000| UT
May | 09 10 11 12 13 14 15 16 17 18 19
----+-----------------------------------------
1 | - 7 10 14 16 - - - - - -
2 | - - 35 44 46 34 61 53 44 18 -
3 | - 31 24 36 37 44 - 39 32 28 -
4 | 14 21 23 53 68 70 44 - - - -
5 | - - 62 57 43 35 37 22 - - -
6 | - - 20 30 25 21 - - - - -
7 | - - - 53 80 90 58 51 17 - -
8 | - 19 31 77 33 19 17 - - - -
9 | - - 41 101 85 67 48 47 49 35 23
10 | - 20 12 30 22 - 16 43 12 - -

29 | - - - 20 21 - - - - - -
30 | - - 13 9 - - - - - - -
31 | - - - - - - - - - - -
----+-----------------------------------------
| 09 10 11 12 13 14 15 16 17 18 19
```

Notes:
. no corrections for radiant position made to the counts.
. - = no observations made.
. * = interference

Mike Boschat

Observer: Maurice De Meyere
Location: Deurle, Belgium (3 37' E, 51 00' N)
Frequency: 66.51 MHz
Transmitter locations (all stations of more than 10 kW):
66.35 MHz, Klaipeda, Lithuania 12 kW, 05h00-22h00
66.47 Viesintos Lithuania 12 05h00-22h00
66.62 Budapest Hungary 100 24hrs
66.68 Valmiera Latvia 20 04h30-22h00
Antenna: crossed Yagi (x form), 4 elements, astronomical azimuth 270 deg
(= E), elevation 27 deg.
Antenna amplifier: 25 dB max level 90 dBmuV
Receiver: commercial, Progresson 447A, TESLA (Bratislava)
The receiver was calibrated with a Marconi TF2008 signal

generator. Sensitivity: 5 muV (modulation frequency
1000 Hz, frequency sweep 38 kHz) at (S+N)/N = 20 dB.
SWR of antenna alone at 66.5 MHz: 1.4/1 (good to very good),
measured with MFJ/259P SWR analyzer (HF-VHF 1.8 MHz to 170 MHz)
on Sep 28, 1998.
Observing method: automated setup, 150 samples/second, 8 bit resolution.
[Time and details of all individual meteor reflections are stored
on file in the Ghent University format (Prometeos), and are
available for further analysis. Reduction software for DOS and
Windows available].

May 2000

Raw counts of reflections with a duration of at least 0.027 s
during one hour interval starting at UT:

May | UT
2000 | 20h 21 22 23 00 01 02 03 04 05 06
------+---
1- 2 | 43? 12 20 65? 10 15 52 117? ? ? ?
2- 3 | 23 28 25 5 5 5 22 88 ? ?
3- 4 | 17 24 38? ? 8 23 ? 87
4- 5 | 55? 32 ? ? ? 25 49 ? ? ? ?
5- 6 | ? 13 25 2 9 43? ? ? ? ?

11-12 | 21 30 ? ? ? 10 35 65 ? ? ?
12-13 | 6 18 10 42? 7 17 54 79 76 ? 62
13-14 | 0 10 9 33? 4 3 21 50 67 ? ?
14-15 | 0 13 10 ? 18 5 29 30 22 ? ?
15-16 | 19 23 9 13 7 6 27 80 43 69 ?
16-17 |
17-18 | 14 43 6 4 1 15 47 79 86 20 26
18-19 | 22 32 13 9 2 10 60 77 60 71 70
19-20 | 5 31 7 8 7 21 53 72 61 59 18
20-21 | 14 9 6 4 8 5 25 74 54 84 44

24-25 | 17 13 8 7 8 20 ? 87 55 79 85
25-26 | 20 18 33 ? 5 12 51 80 ? 87 61
26-27 | 15 26 9 4 7 15 42 ? 63 72 37
27-28 |
28-29 | ? ? 9 8 6 10 ? ? ? ? 66
29-30 | 19 10 8 3 3 10 34 79 ? ? ?
30-31 | ? 13 40? 17 5 16 42 65 70 ? 77
------+---
2000 | 20h 21 22 23 00 01 02 03 04 05 06
May | UT

Raw counts of reflections with a duration of at least 1.000 s
during one hour interval starting at UT:

May | UT
2000 | 20h 21 22 23 00 01 02 03 04 05 06

```
------+-----------------------------------------------------
1- 2 | 13* 3* 8* ? 4* 2 8 15 28? 21 15
2- 3 | 8* 5 9* 2* 1 7* ? 23 ?
3- 4 | 3 6* 20* 21* 2* 3 18? 10
4- 5 | 10 3 ? ? ? 4 5 12 13 ? ?
5- 6 | 14 1 6* 1* 0 0 14? 19 ? ?

11-12 | 3 16* 22* ? ? 0 4 8 20 ? ?
12-13 | 1 5* 5* 15* 5* 1 6 7 3 23 8
13-14 | 0 1 2* 10* 1* 0 2 5 6 ? ?
14-15 | 0 2 1 ? ? 0 4 6 4 ? ?
15-16 | 12* 12* 1 3* 0 1 6* 21* 5 14* ?
16-17 |
17-18 | 4* 8 2* 1* 0 4* 6 12 14 4 3
18-19 | 6* 4 3* 1 0 4* 5 12 3 7 5
19-20 | 1 7* 0 0 3* 3 8 10 6 2 2
20-21 | 4* 1 1 1* 0 1 4 7 9 17* 8

24-25 | 5* 3* 1 1 1 2 13 10 6 8 33*
25-26 | 6* 3 16* ? 1 3* 4 9 17 15 18*
26-27 | 3 4 1 2* 0 3 5 ? 6 13 2
27-28 |
28-29 | ? ? 3* 1 1 2 ? ? ? ? 14?
29-30 | 1 1 4* 0 0 1 6 9 ? ? ?
30-31 | ? 3* ? 9* 1 6* 8 6 6 ? ?
31-01 |
------+-----------------------------------------------------
2000 | 20h 21 22 23 00 01 02 03 04 05 06
May | UT

Notes:
. thunderstorms on May 6-11, 16-17.
. ? probably affected by sporadic-E, tropo, direct reception.
. * warning for relative high number of long duration reflections,
an indication for potential stream activity.
. local time = UT + 2 hours

Maurice De Meyere

--------------------------------------------------------------------------
Location: Astronomical Observatory, Ghent University, Belgium
(ED50 coordinates: 3 42' 32" E, 51 01' 25" N)
Antenna (2x): 4 elements horizontal Yagi, pointed East, elevation= 20 deg
Antenna amplifier: 10 dB gain
narrow band resonance lambda/4 antenna filter
Frequency: (1)=66.29 MHz (signal) and (2)=65.3 MHz (interference control)
Receiver (2x): modified commercial FM receiver
Data acquisition: 12 bits PC-based A/D convertor, 250 Hz sampling rate
Interference rejection:
dual setup: receiver (1) tuned at distant transmitter, receiver (2)
tuned at empty frequency. Anti-coincidence measurement rejects
registration of broadbanded spurious signals (lightning, computers,
```

ignition motors, etc).
Further information:
see WWW page (additional info + observational data)
http://allserv.rug.ac.be/~hdejongh/astro/meteor/meteor.html
Data format:
results are shown as total reflection time, expressed as
a percentage. The actual number shows 10 times this value.
When no figure is shown, the equipment was either out of service,
or results could have been affected by interference, sporadic-E.

| May 2000 | 10x % reflec. time | horiz: day | vert: time UT|

| 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

| May 2000 | 10x % reflec. time | horiz: day | vert: time in UT |

| 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

UT	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
0	5	8	1	4	19	4	3	10	7	2	6	14	10	4	6
1	6	13	6	9	11	5	7	17	14	12	12	12	8	9	2
2	9	23	49	18	20	30	16	38	26	18	17	23	24	14	34
3	103	61	89	38	43	102	92	93	59	51	78	52	36	67	
4	39	68	70	58	75	64	60	43	55	82	36	65	39	27	29
5	52	69	106	57	88	111	58	71	84	52	41	56	57	56	49
6	75	83	104	81	101	56	109	60	110	56	31	52	62	45	32
7	57	79	114	59	111	84	86	111	132	71	27	61	86	30	26
8	74	147	96	53	59	89	53	51	22	51	52	27	19		
9	64	48	46	46	99	64	111	64	89	59	42	37			
10	80	38	48	31	67	74	75	97	62	43	74	54	48	40	
11	111	11	26	7	44	54	45	46	71	52	52	31			
12	34	31	27	9	32	50	34	117	33	68	62	29	34	37	
13	16	14	11	13	27	18	18	30	17	77	44	35	36	26	
14	18	12	7	9	36	30	17	15	22	5	15	12	32	17	9
15	13	8	10	3	8	12	8	11	22	16	11	14	16	13	5
16	4	5	5	5	3	13	3	7	8	6	8	9	5	7	5
17	7	3	3	5	5	7	6	6	5	13	15	8	7	8	
18	10	6	8	3	7	13	16	4	3	20	5	7	11	5	
19	4	9	8	3	2	8	5	21	4	9	6	16	4	7	
20	7	7	4	3	5	4	3	5	8	8	6	6	4	8	
21	3	4	2	4	1	7	6	8	8	4	5	3	3	3	8
22	1	2	1	5	0	2	2	1	2	2	4	1	13	2	3
23	3	7	2	4	6	2	2	5	7	5	5	4	2	3	2

UT	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
0	3	3	7	1	9	5	8	10	5	4	10	12	10	12	14	4
1	4	10	18	3	15	8	5	7	4	12	20	18	11	18	12	8
2	19	6	14	9	14	15	8	38	9	11	18	16	18	16	15	31
3	54	17	24	14	32	27	30	28	18	13	58	21	31	29	23	

```
4 | 45 38 32 33 24 14 5 28 26 24 61 19 39 35
5 | 58 32 16 28 35 54 9 19 26 18 46 38 39 56 37
6 | 57 62 22 42 16 32 25 64 38 64 49 38
7 | 49 29 37 59 41 28 23 39 24 55 60 53 66
8 | 42 44 32 59 29 34 50 41 45 95 36 55
9 | 23 40 12 48 18 30 32 28 74 38 58 85
10 | 58 39 39 42 40 7 28 25 30 32 34 32 49 47
11 | 37 29 10 27 28 14 30 51 34 35
12 | 41 22 24 34 20 22 40 31 32 22 37
13 | 69 40 9 31 17 17 14 17 19 14 45 19 23
14 | 10 6 1 4 13 9 10 11 24 15 11 23 29
15 | 5 27 22 4 16 7 12 12 19 12 18 17
16 | 7 6 1 30 5 5 5 23 5 10 13 15
17 | 2 13 2 5 6 4 5 6 8 15 6 9
18 | 1 2 2 5 2 10 7 3 2 9 4 6 11
19 | 3 3 2 13 4 4 3 5 9 6 7 14 8
20 | 4 6 6 5 6 11 6 6 6 6 19 9 6 10
21 | 4 6 15 18 19 9 9 6 3 8 9 5 10 5
22 | 2 3 2 3 5 6 1 4 2 2 3 3 3 2 20 5
23 | 5 2 1 4 2 5 4 4 7 5 6 2 5 9 2 4
---+-------------------------------------------------------------
| 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
```

Notes:
. about the April observations: the big Aurora of April 6-7 is NOT noticeable
in our forward scatter observations.
. activity increase between May 5 and 9 (eta Aquarids).
. lots of interference (Es) in the second half of the month.

Pierre De Groote

Observer: H. W. Kelsey
Location: Conway, Arkansas USA (92 25' W, 35 02' N)
Frequency: 89.5 MHz
Transmitter: Tulsa, OK & Salina, KS
Receiver: Sangean 803A
Antenna: Yagi Heading: SNW
Observing Method: Recorded on Audio Tape

Underdense/Overdense Scale:
Overdense: 1.0 second or more duration
Underdense: less than 1.0 second duration

Each observed hour is 60 minutes, exactly.

May 2000 hr-UT	Over-dense	Under-dense	Total
1 1030-1130	26	63	89
2 1030-1130	23	38	61
3 1030-1130	31	45	76

4 1030-1130 34 63 97
5 1015-1115 17 41 58
8 1000-1100 4 16 20
9 1415-1515 8 15 23
10 1315-1415 17 26 43
13 0900-1000 18 37 55
14 1000-1100 11 53 64
15 0930-1030 14 46 60
16 0930-1030 15 20 35
17 0930-1030 1 19 20
18 0930-1030 6 16 22
19 0930-1030 15 19 34
20 0930-1030 14 32 46
21 1000-1100 3 7 10 RFI
22 0945-1045 20 25 45
25 0950-1050 11 20 31
26 0845-0945 12 28 40
27 0845-0945 17 30 47
28 0845-0945 4 15 19
29 0845-0945 15 28 43
30 0815-0915 3 6 9 RFI
31 0815-0915 7 23 30

Note:
. May 6, 7, 11, 12, 23 and 24 data were lost to Radio Frequency Interference (RFI)

Will Kelsey

Observer: Werfried Kuneth
Location: Ferndorf, Austria (13 37' E, 46 45' N)
Antenna: 2 element Yagi, direction southeast, no elevation at 1 m height.
Receiver: IC-706 at 53.76065 MHz, CW-R mode, 500 Hz CW filter, fast AGC.
Transmitters: 1) 30 kW TV video carrier from Bari, Italy, distance 700 km, direction south and 2) a 30 kW TV video carrier from Sicilia, Italy, distance 900 km, south. The total echo power of both transmitters is processed into same 40 Hz virtual receiver channel.
Observing method: automatic setup using FFTDSP42t software by AF9Y to record the audio signal. 20 channels of 2 Hz width are used for meteor identification, with manual interference rejection.
Sampling interval: one 4096 point FFT every 0.5 seconds.

The monthly results showing the total reflective time are now also available at http://www.qsl.net/oe8fnk this includes now also Es, FAI and radio fireball statistics.

The meteor counts below are corrected for a full hour observing time. If the recording duration is 20-40 minutes, a dot is shown after the value, to show the reduced accuracy. Results for less than 20 min. observing time are excluded.

Counts of reflections longer than 6.5 seconds,
assumed to be overdense

| May 2000
UT| 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
---+--
0| 0 0 2 5 1 4 1 4 1 5 2 3 1 2 3
1| 4 3 2 1 1 4 0 0 3 2 4 2 1 2 5
2| 6 2 4 4 5 9 4 2 5 0 0 1 2 5 3
3| 4 2 5 5 2 6 4 7 3 7 3 2 1 8 7
4| 3 17 12 12 9 14 15 4 5 4 3 6 1 7 1
5| 3 7 12 14 7 21 6 5 8 4 3 8 4 6 7
6| 4 6 12 6 10 12 7 9 11 8 6 5 2 5 2
7| 9 8 7 20 11. 12 14 10 6 9 6 5 2 4 7
8| 2 9 6 16 11 12 17 9 9 5 1 8 1 2 5
9| 4 6 6 11 7 11 11 4 6 9 4 2 3 5 5
10| 2 5 7 12 3 10 6 9 5 2 0 11 1 4
11| 2 4 3 4 2 13 5 3 2 1 5 6 5 11.
12| 2 5 7 1 8 3 1 3 2. 4 4 4 1 6
13| 0 3 1 3 3 2 4 4 5 6 3 3 4 0.
14| 2 0 1 1 2 2 2 5. 2 0 0 1 2 2.
15| 0 3 2 2 1 1 0 4 1 2 2 1 1 0.
16| 0 0 1 1 3 2 0 0 0 1 0 0 0
17| 0 1 0 0 1 0 1 0 0 0 1 0. 1 0 0
18| 1 1 1 0 0 0 0 0 0 0 0 1 1 0 0
19| 0 0 0 0 0 0 3 0 0 1 1 0 0 0
20| 2 0 1 0 0 0 1 0 0 0 0 0 0 1
21| 1 1 1 2 0 1 0 2 2 0 1 1 0 2 1
22| 1 3 2 1 3 0 1 3 3 2 0 5 0 2 3
23| 1 1 3 1 4 1 3 1 1 3 4 0 0 0 4
---+--
UT| 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
| May 2000

| May 2000
UT| 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
---+--
0| 7 1 3 2 2 2 3 2 2 1 0 2 0 0 2
1| 2 2. 0 6 5 3 2 1 1 3 3 3 1 2
2| 3 3 1 7 4 1 4 3 1 1 2. 3 3
3| 5 6. 1 8 5 0 7 4 2 2 1 3
4| 2 2 3 4 7 2 5 3 7 1 0. 7 3. 3 4.
5| 5 6 4 11 5 3 4 8 1 5 0. 9 5 7
6| 8 5 13 7 7 5 5 5 6 6 12. 11 4 3.
7| 9 0. 6 7 4 8 6 4 7 7 5. 6. 3
8| 8 3 6 7 3 0 7 4 8 4. 1 5
9| 6 0 2 4 3 2 2. 1 7
10| 4. 2 7 5 2. 5 2 16. 2 1 2. 4
11| 2. 8. 5 3 6. 2 3. 1 0. 4 7 5
12| 4 1 7 1 5 3 7 3. 6 2 4 5
13| 1 1 5 2 4 2 3 2 4 4 2 1 2
14| 1 3 5. 2 0 4 0. 2 5 3 0 4.

```
15| 2 2 0 0 3 2 3 4 0
16| 0 0 0 1 1 1 0 2
17| 0 0 1 0. 0 1 1 0 1
18| 0. 0 2. 0 1 0 0 0 0 0 2.
19| 0 0. 0. 0 0 0 0 1 2 0. 0 0.
20| 1 1 1 3 1 1 1 0 1 0. 3
21| 0 1 2 0 2 3 2 1 1 4 0. 4
22| 0 1 5 2 2 7 4 2 1 3. 0 4 1 2
23| 0 0 1 0 2 2 2 7 5 2 1 2 3 3
---+------------------------------------------------------------
UT| 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
| May 2000
```

Propagation overview for May 2000

E : sporadic-E or E-layer propagation
F : FAI (field aligned irregularity)
- : propagation only via meteor echoes.
(blank) : no data available

```
| May 2000
UT| 1 2 3 4 5 6 7 8 9101112131415161718192021222324252627282930 31
---+--------------------------------------------------------------------
0| - - - - - - - - - - - - - - - - - - - - - - - - - - - - - E - - - -
1| - - - - - - - - - - - - - - - - - - - - - - - - F - - - - - - E - - - -
2| - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - E E E - E
3| - - - - - - - - - - - - - - - - - - E - E - - - - - - - E - E - E
4| - E - - - - - - - - - - - - - - - - - - - - - - - - - - - E - E - E
5| - E - - - - - - - - - - - - - - - - - E - - - - - - - E - E - -
6| - E - - - - - - - - - - - - - - - - - - - - - - - - - - - E - E - E
7| - - - - - - - - - - - - - - - - - - - E - - - - - - - - - E E E - E
8| - - - - - - - - - - - - - - - - - - - - - F E - - E E E E - E -
9| - - - - - - - - - - - - - - - - - E E - - - - E - - E E E E - E E
10| - - - - - - - - - - - - - E - - E E - - - - E - - E - E E - E -
11| - - - - - - - - - - E - E - - E E E - - - - E - E E E E E - -
12| - - - - - - - - - - E E - - - E E E - - E - - - E E E E - - -
13| - - - - - - - - - - E - - - E E E E - - - - - - - - E E - - -
14| - - - - - - - - - - E - - - - E E E F - - E - E - E E - - E
15| E - - - - - - - - - - - - - - E E - - - - - E - E - E E - - E
16| - - - - - - - - - - - - - - - E E - - E - E - E - E E - - E
17| - - - - - - - - - - - - - E - - E E E - - - E - E - E E - - E
18| - - - - - - - - - - - - - E - - E E E - - - - E - - - E - - E
19| - - - - - - - - - - - - - - - - - E E - - - - - - - E E E - - E
20| - - - - - - - - - - - - - - - - - - E - E - - - - E E E - F E
21| - E - - - - - - - - - - - - - - - - - - - - - - - - - - - E E E - F -
22| - - - - - - - - - - - - - E - - - - - - - - - - - - - E E - - - -
23| - - - - - - - - - - - - - E - - - - - - - - - - - - - E - - - - -
---+--------------------------------------------------------------------
UT| 1 2 3 4 5 6 7 8 9101112131415161718192021222324252627282930 31
| May 2000
```

Notes:
. good eta Aquarids activity from May 2 - May 8.
. lot&#65533;s of Sporadic-E propagation, much more than in previous years.
. local time conversion: 2 hours ahead of UT: 6h local = 4h UT.

Werfried Kuneth

Observer: R.B. Minton
Location: Raton, NM (104 26' W, 36 54' N, 2000 m above sea level)
Frequency: 92.9 MHz
Transmitters: KTZA FM 100 kW, Artesia NM, dist 444 km, geogr azim 178 deg
KSPZ FM 53 kW, Color. Springs, dist 217 km, geogr azim 352 deg
KYBR FM ? kW, Espanola NM, dist 180 km, geogr azim 236 deg
???? FM ? kW, Juarez Mexico, dist 579 km, geogr azim 198 deg
KWFM FM 90 kW, Tucson AZ, dist 798 km, geogr azim 233 deg
Antenna: folded dipole, on 6.3 m high mast, oriented N-S
Receiver: Subaru 12 V DC car radio with digital tuning
Observing method: conditioned audio input in the game port of an IBM 386 SX-50 PC, 128 samples/second, DOS/Basic software, automatic

Total hourly counts

April 2000

Apr	UT																						
2000	0h	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	9	5	5	4	2	2	4	3	6	3	2	3	1	3	8	6	13	14	12	9	19	10	8	10
2	1	9	2	1	8	4	3	4	6	5	0	5	1	4	5	7	2	1	3	5	7	1	11	10
3	4	9	4	7	5	11	1	9	4	3	2	2	2	3	7	14	12	12	5	3	5	6	11	5
4	2	3	6	7	6	3	2	4	4	6	1	3	1	5	6	10	5	1	3	5	2	4	5	1
5	6	5	7	10	5	5	3	5	7	8	3	3	4	2	4	5	14	14	6	4	2	7	12	3
6	11	8	7	5	8	1	6	4	2	8	7	5	5	2	9	17	16	6	9	14	8	6	10	12
7	4	6	2	5	10	3	4	4	6	5	5	4	5	3	14	18	15	15	8	10	3	5	7	4
8	7	5	3	4	10	8	4	5	2	4	7	5	5	8	4	29	9	9	14	7	4	8	5	9
9	5	8	3	6	4	4	5	5	2	2	4	1	3	3	4	15	11	12	8	5	5	7	11	8
10	10	7	1	8	7	3	3	5	3	2	4	2	2	6	9	16	15	16	3	4	2	4	3	0
11	1	4	1	6	3	3	0	0	1	1	0	0	2	3	6	10	4	6	4	2	4	4	6	1
12	3	2	5	9	1	3	5	0	1	2	1	0	0	0	2	7	5	6	2	2	3	3	9	2
13	4	7	6	8	8	2	4	9	2	9	5	5	8	3	8	13	11	10	6	7	6	5	9	1
14	L	L	2	5	6	3	6	2	6	7	5	4	3	9	9	14	11	3	3	4	6	2	3	3
15	3	1	0	6	7	4	2	1	4	4	6	3	1	1	8	12	8	10	9	8	9	2	3	3
16	9	6	5	6	6	4	5	3	4	2	5	2	2	1	3	9	6	15	3	10	2	5	5	5
17	3	5	10	3	5	2	5	4	5	8	2	2	3	5	12	16	8	6	3	4	6	9	9	6
18	2	4	6	9	6	5	4	2	5	5	5	2	3	3	4	15	8	8	8	4	2	4	7	1
19	4	4	2	3	2	0	1	7	6	7	3	4	3	6	8	10	4	6	6	5	8	9	13	11
20	5	3	3	11	7	3	1	7	3	6	6	4	6	3	7	21	18	9	8	9	12	6	11	5
21	12	7	5	11	11	7	8	7	3	16	8	7	3	7	4	12	16	9	3	6	6	6	15	12
22	3	8	4	14	6	6	1	6	7	4	6	2	5	5	7	19	23	17	16	8	8	6	12	7
23	4	7	11	7	2	5	4	4	2	1	1	3	3	4	1	11	10	5	2	2	10	5	6	4
24	1	5	5	6	0	1	6	7	2	1	4	0	3	7	4	12	10	7	4	7	6	2	7	3
25	4	3	2	10	3	3	1	3	1	6	7	6	4	4	13	18	17	15	3	4	8	7	9	9

```
26 | 3 8 7 11 12 8 5 9 10 6 6 5 8 9 20 18 30 16 9 6 6 6 10 7
27 | 9 5 14 10 6 4 4 2 4 7 7 4 8 12 12 15 10 16 1 12 8 6 9 6
28 | 5 13 3 17 10 5 4 11 3 5 5 10 5 7 7 18 16 13 13 7 11 10 L L
29 | L L 2 10 3 3 4 5 4 1 5 2 3 6 3 15 4 15 8 4 6 4 10 9
30 | 6 4 12 6 3 6 1 3 3 7 2 14 14 7 10 15 15 8 12 6 12 2 5 4
----+--------------------------------------------------------------------------
2000| 0h 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23
Apr| UT
```

Note: L = lightning activity

Signal duration distribution for the above period

Duration (s)	Number
< 0.1	1549
0.1 to 0.3	1157
0.3 to 1	914
1 to 3	701
3 to 10	354
10 to 30	17
> 30	0

R.B. Minton

Observer: Ton Schoenmaker
Location: Roden, Netherlands (06 26' E, 53 08' N)
Frequency: 55.275 MHz
Transmitter: Spanish TV channel E3 (video); transmitters in La Muela (30 kW), Gamoniteiro (50 kW) and Aitana (60 kW); all stations within 100 Hz of nominal frequency; distance approx 1500 km
Antenna: 4-element horizontal Yagi, geographical azimuth 195 degrees (SSW), elevation 15 degrees
Receiver: Yupiteru MVT-9000 in FM mode; sensitivity 0.5 uV at 12 dB S/N
Observing: audio signal from ear-phone socket was rectified, digitized and fed into a PC via the parallel computer port. HP VEE was used to process the digitized signal and to store 15-minutes counts of reflections stronger than 0.063 uV (-131 dBm).

May 2000

Uncorrected hourly counts for signals stronger than 0.063 uV

```
| 29 30 1 2 3 4 5 6 7 12 13 14 15 20 21 22
UT |Apr Apr May May May May May May May May May May May May May May
-----+-----------------------------------------------------------
00h| - 56 - 46 - 40 71 59 76 - 58 67 82 - 72 87
01 | - 62 - 37 - 53 66 83 89 - 83 72 83 - 98 86
02 | - 63 - 56 - 97 87 95 83 - 81 96 120 - 114 93
03 | - 102 - 61 - 126 110 154 155 - 108 130 151 - 123 112
04 | - 91 - 93 - 141 177 165 182 - 131 136 177 - 136 93
05 | - 111 - 125 - 153 200 171 184 - 139 143 146 - 147 102
06 | - 109 - 110 - 185 173 198 218 - 132 155 169 - 140 90
```

```
07 | - 138 - 137 - 185 183 194 215 - 109 149 159 - 161 124
08 | - 121 - 104 - 139 171 167 200 - 113 120 157 - 131 98
09 | - 86 - 97 - 142 152 126 157 - 104 106 57 101 96 81
10 | - 49 - 69 - 125 109 126 147 - 82 86 59 90 69 *
11 | - 51 - 50 - 107 94 94 112 - 57 93 78 * 29 *
12 | - 47 - 47 - 97 74 100 100 - 64 95 81 * 62 *
13 | - 55 - 61 - 83 67 92 81 - 90 105 99 67 86 *
14 | - 74 - 63 - 82 70 99 96 - 114 * 100 74 96 *
15 | - 59 - 40 - 51 55 67 59 - 74 79 68 65 91 *
16 | - 24 - 27 - 41 33 32 29 - 36 60 52 44 66 50
17 | - 20 - 12 - 29 16 22 20 - 20 29 38 37 39 29
18 | - - - 10 - 15 13 24 - - 20 26 23 33 36 24
19 | - - - - - 21 12 16 - 15 17 27 - 21 27 19
20 | - - - - - 22 15 26 - 25 21 32 - 21 33 48
21 | 30 - 28 - 34 34 24 28 - 35 38 61 - 20 41 -
22 | 39 - 33 - 33 28 34 47 - 42 40 77 - 50 49 -
23 | 50 - 38 - 55 42 56 67 - 43 65 78 - 63 89 -
-----+------------------------------------------------------------
| 29 30 01 02 03 04 05 06 07 12 13 14 15 20 21 22
UT |Apr Apr May May May May May May May May May May May May May May
```

Notes:
-: no observations
*: affected by enhanced ionospheric or tropospheric propagation

Ton Schoenmaker

Observer: Dave Swan
Location: Christchurch UK (50.47 N 1.44 W)
Receiver: Pro 2006 (modified to give a carrier detected output
for Chessell 301 pen recorder). Sensitivity NFM: 0.5uV
(S+N)/N = 20dB Dev: 3 kHz at 1kHz BW 9 kHz Calibrated: 1/05/00
Antenna: 4 element Yagi broadband design for 50-70 MHz Gain 9.2dBi.
Azimuth 95 deg elevation 8 deg. Two 3 stage constant K filters
fitted after the antenna, (High and Low pass) to reduce
out of band interference and intermodulation products
causing spurious meteor counts.
Frequency: 66.62 MHz
Transmitter: Budapest 100 kW 24 hrs
Computer: Olivetti 386 Notebook with Meteor v 4.0 software

```
| May 2000
UT | 6 7 8 9 10 11 12 13 14 15
---+--------------------------------------
0h| 7 7 6 5 4 4 6 7 11
1 | 8 3 3 1 4 6 9 10 4
2 | 11 6 1 7 0 9 4 15 2
3 | 18 6 9 1 7 11 6 29 18
4 | 23 6 18 5 14 15 6 19 6
5 | 28 6 13 5 22 22 7 11 7
```

```
6 | 20 7 6 4 2 6 3 14 5
7 | 5 5 0 3 11 7 4 9 8
8 | 4 7 2 3 7 7 2 5 3
9 | 2 6 5 3 0 1 6 4 1
10 | 4 6 3 4 5 0 5 1 3
11 | 5 6 3 9 3 2 5 4 4 1
12 | 7 5 6 1 5 2 3 3 6 3
13 | 6 5 4 8 4 2 3 5 7 2
14 | 3 4 3 5 6 6 5 7 5 7
15 | 6 9 5 6 4 5 3 3 5 3
16 | 3 7 1 7 8 7 6 4 3 11
17 | 7 3 4 7 3 5 2 5 8 2
18 | 1 5 6 3 5 2 6 10 4 4
19 | 2 2 4 1 1 0 1 1 7 1
20 | 5 5 6 9 2 2 8 8 3 2
21 | 3 3 3 1 3 7 4 9 7 6
22 | 7 7 10 8 4 8 3 4 4 3
23 | 11 11 5 7 4 8 0 10 6 4
---+-------------------------------------
UT | 6 7 8 9 10 11 12 13 14 15
| May 2000

| May 2000
UT | 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
---+-----------------------------------------------------------------
0h| 6 6 6 10 7 9 7 12 1 6 1 2 2 3 4 3
1 | 2 11 5 5 9 9 7 11 7 9 2 5 1 5 7 11
2 | 4 3 7 6 5 7 4 11 5 2 7 3 4 2 7 1
3 | 5 8 5 4 3 5 12 8 3 9 3 3 4 11 4 5
4 | 4 3 7 4 3 3 5 4 4 1 2 1 1 7 6 3
5 | 2 5 1 3 7 4 4 0 4 0 2 4 7 7 3 3
6 | 2 1 2 5 6 5 3 8 0 9 7 1 1 3 8 4
7 | 9 1 2 1 4 4 5 17 3 2 9 4 3 5 4 6
8 | 3 6 4 5 3 4 5 11 5 1 6 3 4 1 4 4
9 | 6 3 2 7 3 16 6 9 2 2 4 1 1 2 3 2
10 | 6 3 3 7 3 1 4 8 0 9 9 0 3 3 36 3
11 | 11 2 0 4 8 8 5 3 3 6 7 0 3 1 3 0
12 | 6 2 9 2 3 4 4 8 6 0 3 7 2 3 6 3
13 | 0 2 4 8 4 2 3 3 4 2 2 1 1 6 3 8
14 | 5 4 4 4 7 6 2 3 3 5 9 0 5 2 6 7
15 | 5 8 6 3 6 8 3 9 3 5 7 2 11 4 0 3
16 | 2 0 2 5 9 16 8 3 4 4 2 4 3 5 5 29
17 | 6 8 2 4 2 6 1 5 6 1 10 2 4 2 9 10
18 | 5 4 2 6 4 5 5 2 7 4 1 6 13 6 5 3
19 | 7 2 6 11 11 4 6 4 11 0 7 3 12 6 4 2
20 | 4 5 4 4 4 4 1 6 3 11 2 1 4 1 3 4
21 | 11 4 13 9 9 12 7 12 6 15 9 5 5 7 9 2
22 | 21 5 2 5 5 12 5 6 1 3 8 2 1 3 2 7
23 | 6 6 5 12 12 6 3 3 4 0 8 3 5 9 3 4
---+-----------------------------------------------------------------
```

```
UT | 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
| May 2000
```

The following readings were taken on a reserve system that was under test:
Rx AOR 3000A, 5 element Yagi Az 170 deg El 5 deg, 486 dx2 66 and Meteorv4.
Transmitter: Spanish TV E3 (55.25MHz) using sound channel 60.75MHz.

```
May | UT
2000 | 00h 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16
-----+------------------------------------------------------------------
30 | 0 0 0 0 0 0 1 4 9 16 8 25 8 2 4 4 7
31 | 7 3 2 5 3 9 6 3 8 3 6 5 17 7 24 49 12
```

```
May | UT
2000 | 17h 18 19 20 21 22 23
-----+---------------------------
30 | 7 24 58 4 9 4 3
31 | 4 7 4 4 8 4 7
```

Dave Swan

Observer: Pierre Terrier
Location: Canet, France (3 36'E, 43 41' N)
Frequencies: 93.8 MHz
Transmitter Location:
93.8 France Musique Eyne (66) public service
93.8 France Musique Osseja (66) public service
93.8 France Culture Port Vendres (66) public service
93.8 France Musique Font-Romeu (66) public service
93.8 BFM Marseille (13)
Antenna: 6-element Yagi FM, horizontal polar.
azimuth 0 deg (N-S), elevation 90 deg. (zenith)
Pre-amplifier: home made, gain 15 dB, Nf < 2 dB
Receiver: Tuner FM Continental Edison digital synthesiser TU 9945
Observing method: Electronic interface on LINE output audio signal are fed in
COM1: of PC IBM 386 25 MHz.
METEOR v 4.0 version processes the signal and records on
hard disk the time of the events.
METEOR parameters: THRESHOLD = 16

```
| May 2000
UT | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
---+-----------------------------------------------------------
0h| 4 3 6 2 8 7 11 11 11 10 7 4 6 12 9
1 | 12 1 5 7 3 4 13 11 9 20 7 10 5 10 15
2 | 14 5 12 5 5 12 15 15 11 19 13 14 10 9 2
3 | 6 4 8 10 5 24 26 26 19 23 22 10 13 21 7
4 | 11 5 12 8 14 32 23 31 17 19 26 15 29 18 12
5 | 11 6 11 19 21 44 47 29 34 43 30 25 14 18 9
6 | 15 12 24 11 34 45 42 44 14 30 33 23 13 17 31
7 | 18 18 23 21 44 31 24 34 27 24 33 20 11 9 16
```

```
8 | 23 18 22 22 28 26 27 19 23 22 27 23 7 16 9
9 | 14 9 14 12 28 23 36 32 18 21 16 19 2 28 8
10 | 12 27 11 12 16 16 31 16 13 14 20 15 6 12 18
11 | 15 15 7 29 12 14 21 21 11 14 13 13 7 19 13
12 | 10 14 13 8 7 15 16 14 11 7 10 10 4 12 8
13 | 10 7 17 3 3 7 8 15 12 7 5 15 4 15 11
14 | 8 5 10 5 3 4 11 6 2 7 4 3 2 6 7
15 | 11 6 4 3 4 6 5 8 4 5 2 7 3 1 5
16 | 0 1 6 3 3 9 4 3 1 5 4 2 1 1 1
17 | 4 0 11 5 5 6 1 2 3 7 1 4 2 0 0
18 | 1 3 3 0 1 5 5 6 7 4 3 4 2 0 0
19 | 1 1 3 1 3 1 5 2 5 6 0 4 0 3 0
20 | 1 6 2 1 5 1 3 8 1 1 3 1 4 1 0
21 | 2 4 3 31 13 7 7 1 3 3 4 7 5 4 0
22 | 5 4 2 6 5 8 12 6 13 2 8 10 11 9 1
23 | 3 3 3 5 3 15 11 5 13 6 3 10 13 3 1
---+-----------------------------------------------------------
UT | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
| May 2000

| May 2000
UT | 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
---+---------------------------------------------------------------
0h| 2 2 11 16 10 9 9 15 11 8 6 11 6 11 11 11
1 | 2 4 13 13 14 15 10 11 13 1 5 13 8 13 19 10
2 | 5 4 7 12 11 13 15 11 9 8 2 13 4 28 12 15
3 | 4 5 16 11 15 14 20 15 8 15 11 20 15 17 14 19
4 | 2 8 23 12 17 16 11 11 19 4 4 19 10 85 21 12
5 | 5 9 20 29 15 8 9 24 20 10 7 18 19 19 22 23
6 | 14 30 14 14 20 14 21 21 16 18 23 29 25 31 27 17
7 | 11 13 11 23 17 11 19 15 12 11 15 29 8 25 24 20
8 | 8 13 2 24 17 4 16 22 13 10 18 20 10 22 23 7
9 | 11 14 6 1 6 4 12 13 11 6 16 4 10 18 16 13
10 | 11 8 4 1 11 0 11 10 11 1 7 4 6 18 25 8
11 | 11 13 2 1 3 4 16 3 4 1 12 36 4 33 7 5
12 | 13 17 2 2 5 2 15 4 16 5 10 33 1 19 2 9
13 | 12 9 4 2 3 3 18 9 8 8 11 22 11 75 5 15
14 | 9 8 2 4 3 5 10 6 8 5 8 11 68 210 4 32
15 | 8 6 17 0 2 3 6 6 5 30 10 28 82 12 7 41
16 | 18 6 1 0 5 5 8 2 3 12 4 84 17 6 3 14
17 | 47 5 1 0 1 3 6 6 6 2 2 54 2 6 1 14
18 | 39 5 19 1 3 4 3 4 2 2 1 71 4 2 0 14
19 | 45 4 0 1 2 5 4 4 2 1 0 7 3 0 2 3
20 | 1 0 1 4 2 7 4 4 4 4 1 4 5 0 4 6
21 | 1 5 6 4 5 9 12 8 6 2 25 9 10 5 5 4
22 | 4 3 8 6 10 6 16 7 4 1 20 11 7 8 5 16
23 | 5 9 6 7 10 8 8 11 8 5 14 12 11 14 6 11
---+---------------------------------------------------------------
UT | 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
| May 2000
```

Pierre Terrier

Observer: Garfield Tsao (BM2EQB)
Location: LonTan Observatory
LonTan, TauYan, Taiwan R.O.C. (121 14'37" E, 24 52'54" N by GPS)
Frequency: 50.0169 MHz USB mode 3 kHz width.
Antenna: Comet made 50 MHz Yagi HB 4 element (gain 10.3 dBi)
astronomical azimuth 225 deg (=NE), elevation 7 deg.
Transmitter: MIYAZAKI University Japan, USB mode, 50 W (24 hours),
distance about 1125 km from Lon Tan.
Receiver: Icon PCR-1000 computer controlled all band receiver
Sensitivity: 0.25 uV for 10 dB S/N for USB mode
Observing method: the beacon 880 Hz voice signal (by FFTDSP) is
received by a low frequency filter (880 Hz)and fed into
the D/A converter and computer in real time.
Data sampling system: using an 8 bits A/D card to PC/AT and Qbasic program
with 1/8 second sampling interval to store the> 1.0 s reflections.

May 2000

```
2000|00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23LT
May|16 17 18 19 20 21 22 23 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15UT
----+-----------------------------------------------------------------------
6 | E E E E E E E
7 | E E 61 82115 94 106 70 54 E E E E E E
14 |47 37 27 36 25 65 62 61 60 29 24 26 21 27 23
-----------------------------------------------------------------------------
20 | N N N N E 21 E
21 | E E E E 42 47 E E E 23
```

Notes:
. "E" symbol means weak E layer
. "N" symbol means background noise affected the normal echoes

Garfield Tsao

Observer: Ilkka Yrjola
Location: Finland (26 35' E, 60 54' N)
Frequency: 88.8 MHz ?
Receiver: Salora SRP-22 modified, narrow band FM (B=15 kHz)?
detected signal level >-122 dBm.
FM detection, no pulse noise rejection required.
Antenna: 2-el. Yagi, G=4 dBd to SW, azimuth 45 deg (SW), polarisation H.
Data sampling system: threshold triggering, sampling rate 32 ms.
Computer logs total hourly elapsed reflection time, number of
triggers for the hour, the longest time the signal was
continuously above detection level for the hour.
Data on major showers available in the Compact MS-Soft format.
Software for viewing available from
www.saunalahti.fi/~oh5iy/radio50.zip (754 K).

eta Aquarids 2000

Meteor counts in one hour intervals starting at:

UT	3 May	4 May	5 May	6 May
0	51	139	151	163
1	184	194	217	186
2	101	213	250	235
3	307	245	347	271
4	438	409	413	413
5	526	475	521	371
6	664	542	732	522
7	800	562	559	440
8	618	575	474	448
9	461	413	426	320
10	326	287	266	185
11	291	211	256	101
12	274	203	175	120
13	297	189	171	117
14	191	157	150	108
15	162	147	112	83
16	173	42	102	81
17	95	38	102	99
18	115	103	115	
19	113	109	110	91
20	142	138	137	115
21	111	154	88	138
22	119	186	154	149
23	138	210	152	151
UT	3 May	4 May	5 May	6 May

Ilkka Yrjola

2. ABOUT THE RMOB

The RMOB is an independent initiative of some workers in the field of radio meteor scatter observations and data reduction. It started in August 1993 in order to spread rapidly the Perseid results via E-mail. Since then, it has appeared monthly, and it has gradually been expanded. In regularly publishing summaries of observations, potential radio observers are kept up to date of existing installations, possibilities and limitations of radio meteor observations. In the long run, there should be sufficient observing stations to cover the whole globe, allowing to detect stream outbursts which may remain unnoticed visually.

RMOB contains typically: summaries of recent observations, equipment data, first results of stream activity by radio methods, relations between radio and optical meteors, references to other publications in the field of meteor astronomy and radio scatter techniques, announcements of meetings, short questions and answers, non-commercial (second hand) sale of radio equipment, available software.

Contributors are mentioned, and interested persons are asked to contact them directly.

RMOB can be copied freely in unabridged and unmodified form. Extracts should indicate the source (Radio Meteor Obs Bulletin, month and year).

If you want to subscribe (or un-subscribe) to the E-mail distribution list, please send a message to C. Steyaert.
Those not having access to E-mail can obtain a printed copy free of charge from J. Van Wassenhove (current or back-issues).

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http://www.sci.fi/~oh5iy/
Call: OH5IY, packet radio: OH5IY@OH5RBG.#KVL.FIN.EU

--
Christian Steyaert (RMOB0005) 8 June 2000
--

1482. FS: Yaesu G5500 AZ/EL Rotor

Newsgroup: rec.radio.amateur.space
Date: 2000-06-09 00:00:00 UTC
From: BMF <fleet@mbl.edu>
Message-ID: <3940CABC.14999434@mbl.edu>
Source record: 9216
Cross-posted to: rec.radio.swap,rec.radio.amateur.space

```
This is new in the UNOPENED box, $500.00 shipped

-
```

1483. Re: Yaesu G5500 AZ/EL Rotor

Newsgroup: rec.radio.amateur.space
Date: 2000-06-09 00:00:00 UTC
From: RG <prieye@NOJUNKmediaone.net>
Message-ID: <91705.60790$nl3.208335@typhoon.ne.mediaone.net>
Source record: 9217
Cross-posted to: rec.radio.swap,rec.radio.amateur.space

Darn, I just bought and installed one ! Timing is everything. Why are you
parting with it ? RG
"BMF" <fleet@mbl.edu> wrote in message news:3940CABC.14999434@mbl.edu...
> This is new in the UNOPENED box, $500.00 shipped
>
> -
>

1484. RSS and the (Motorola) Radios GP300

Newsgroup: rec.radio.amateur.space
Date: 2000-06-09 00:00:00 UTC
From: James Blum <jamesblum64@mediaone.net>
Message-ID: <x2805.261$UI5.25330@elnws01>
Source record: 9218

Does anyone have the software to do the programing for the above subject?
Other then mot, of course.

1485. Re: FS: RadShack HX-10 conversion

Newsgroup: rec.radio.amateur.space
Date: 2000-06-09 00:00:00 UTC
From: Clifford Buttschardt <cbuttsch@slonet.org>
Message-ID: <Pine.GSO.3.95.1000609141636.19719B-100000@oso.slonet.org>
Source record: 9219
Cross-posted to: rec.radio.swap,rec.radio.amateur.space

In the last few days, I saw mention of a conversion message
for the Radio Shack HX-10 to ham bands. Would whomever the
author of that message was please repeat the address or URL.
Cliff K7RR

1486. Re: where is SO-35?

Newsgroup: rec.radio.amateur.space
Date: 2000-06-09 00:00:00 UTC
From: Pat Cox <peacox@gloryroad.net>
Message-ID: <394193E1.FFD1CDB6@gloryroad.net>
Source record: 9220

You are hearing packet on every pass but one which is still reserved for a voice pass over the US somewhere each day. Pat K4AVO

Agent I wrote:

> I havn't heard SO-35 in a few days. I was outside for a pass but heard
> nothing. I saw it key up every 7 seconds or so. at least i think it was
> so-35 because i was tracking it but all i got was a full meter, no voices.
>
> The website said they had voice communications thoes days.
>
> -- Carl
> KB9UNG
>
> "It just goes to show you, it's always something. If it's not one thing
> it's another."
> - Gilda Radner as Roseanne Roseannadanna
>
> http://www.mailbag.com/users/meteu/
>
> Hams, take a look at my Ham Radio page.
> SETI@Home users, check out my website to see my SETI@Home page. You can
> even join my SETI group.

1487. FS: Yaesu G5500 AZ/EL Rotor

Newsgroup: rec.radio.amateur.space
Date: 2000-06-10 00:00:00 UTC
From: K1SWR <fleet@mbl.edu>
Message-ID: <394225D9.A581A514@mbl.edu>
Source record: 9221
Cross-posted to: rec.radio.swap,rec.radio.amateur.space

This is new in the UNOPENED BOX, will ship for $500.00

1488. Re: where is SO-35?

Newsgroup: rec.radio.amateur.space
Date: 2000-06-10 00:00:00 UTC
From: Peter Hodgson <va3pkh@rac.ca>
Message-ID: <394229A2.2C74BF7@rac.ca>
Source record: 9222

Hi Carl

Sunsat has not had any voice passes this week.
Their web now says no amateur passes since June 8, digital or voice.
I check the site every day as they are changing the schedule quite often
lately. The GPS and Photo experiments etc. take precedence over the
amateur passes.
73
Peter
VA3PKH

Agent I wrote:
>
> I havn't heard SO-35 in a few days. I was outside for a pass but heard
> nothing. I saw it key up every 7 seconds or so. at least i think it was
> so-35 because i was tracking it but all i got was a full meter, no voices.
>
> The website said they had voice communications thoes days.
>
> -- Carl
> KB9UNG
>
> "It just goes to show you, it's always something. If it's not one thing
> it's another."
> - Gilda Radner as Roseanne Roseannadanna
>
> http://www.mailbag.com/users/meteu/
>
> Hams, take a look at my Ham Radio page.
> SETI@Home users, check out my website to see my SETI@Home page. You can
> even join my SETI group.

1489. Maryland Hamfest - 18 June

Newsgroup: rec.radio.amateur.space
Date: 2000-06-10 00:00:00 UTC
From: windbrkr@erols.com
Message-ID: <MPG.13ac3b45bae4ef4098975f@news.erols.com>
Source record: 9223

The Frederick Amateur Radio Club (FARC) presents the annual
Father's Day Hamfest on Sunday, June 18, 2000
from 8:00am to 3:00pm, rain or shine.
(Access for tailgaters opens at 6:00am)

It's at the Frederick County Fairgrounds on East Patrick Street in
historic Frederick, Maryland. Easy access from I-70, I-270, US-15, US-
40, etc. Plenty of parking.

Talk-in on the 147.060(+) MADRA repeater.

We'll have Radios, Electronics, Computers, Acres of Tailgating,
Indoor Commercial Vendors, VE Testing and more.

AMSAT rep. will be there.

Good food and refreshments available.

On the web go to http://www.qsl.net/k3erm/ for more info and a map.

General admission is a $5.00 donation.
Tailgating spaces are $5.00 each + general admission
Indoor tables are $10.00 each before June 10th, $15.00 after.

One of the largest and most popular hamfests in the
Baltimore/Washington metro area. Don't miss it!

Questions? E-mail k3erm@qsl.net or direct to me.

Thanks & 73,
Bob K9CMR

1490. Newbie Satellite Question

Newsgroup: rec.radio.amateur.space
Date: 2000-06-12 00:00:00 UTC
From: John Reed <jreed@NOSPAM.thor.atl.ga.us>
Message-ID: <skb7c78fh5185@corp.supernews.com>
Source record: 9224

...and don't tell me to read the FAQ! (grin)

I'm brand spanking new to Satellite - but I have been on the air the past two weekends on AO27 and UO14 - and I'm having a lot of fun.

I don't have any 9600 bps equipment to work the pacsats, but I do have all I need to do the voice birds.

Can someone email me a list of all the birds that are currently operational in the US, and what frequencies you key into WiSP for rig control? I'm especially interested in those SSB birds - since I've already got AO27 and UO 14.

Thanks in advance!

John Reed, N4TII
(Remove the NoSPam when you send the email)

1491. Re: Amateurs must be stupid if ham radio is to survive.

Newsgroup: rec.radio.amateur.space
Date: 2000-06-13 00:00:00 UTC
From: "Not me"
Message-ID: <176D1EF3B64C74C0.963CED0D6568EAF2.8FC9DC0EC089E17F@lp.airnews.net>
Source record: 9149
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Screw you and PLONK!

> "Most people on the internet" are, anymore, most people in the world, you
> dolt. And if you're not looking to have an intelligent discussion, stay out
> of Usenet.

1492. Re: Amateurs must be stupid if ham radio is to survive.

Newsgroup: rec.radio.amateur.space
Date: 2000-06-13 00:00:00 UTC
From: "Not me"
Message-ID: <6262BB9D9831E8D3.03593DD644A1FC21.86911E5F7C3C0708@lp.airnews.net>
Source record: 9150
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

You guys are a bunch of arrogant assholes. I've put you all in my killfile and filtered this thread out.

1493. sat-phone?

Newsgroup: rec.radio.amateur.space
Date: 2000-06-13 00:00:00 UTC
From: jim <jdport@concentric.net>
Message-ID: <39463930.8A7A75D0@concentric.net>
Source record: 9225

What with Iridium out of business now, I understand most of the
sat-phones no longer function. Are there no currently functioning
sat-phones or other isolated-area communication systems I can rent/use
other than unreliable HF stuff?
Jim W5AOX

1494. Amateurs must be stupid if ham radio is to survive.

Newsgroup: rec.radio.amateur.space
Date: 2000-06-13 00:00:00 UTC
From: type_email@here.org
Message-ID: <skcnqv81h5156@corp.supernews.com>
Source record: 9226
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Tnx arrl, Tnx fcc, Ham radio is much harder now... harder to find an intelligent person to have a qso with.

To increase numbers we need lower standards to survive.

Ed, Kim, Cecil, B.Sohl, CBrambo, dave sumner, riley h., bob, f. maia, g. west, dave, etc. etc. You Win!

73, back to my soldering iron.

1495. Re: Amateurs must be stupid if ham radio is to survive.

Newsgroup: rec.radio.amateur.space
Date: 2000-06-13 00:00:00 UTC
From: "Mark E. Levy" <mark@FSI.NET>
Message-ID: <39466780.F01B15F4@FSI.NET>
Source record: 9227
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

inductive reactance wrote:

> 73, back to my soldering iron.

Good. Get it reeeal hot, and then, shove it in your eye.

--

Mark E. Levy N9RXF, President
FSINet, Inc.
800-827-6085 x202
847-753-6832 fax
www.fsi.net
mark@fsi.net

1496. Re: Amateurs must be stupid if ham radio is to survive.

Newsgroup: rec.radio.amateur.space
Date: 2000-06-13 00:00:00 UTC
From: Old Biker <enfield@3n.net>
Message-ID: <39466AC4.B5E626D1@3n.net>
Source record: 9228
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

inductive reactance wrote:
>
> Tnx arrl, Tnx fcc, Ham radio is much harder now... harder to find an
> intelligent person to have a qso with.

You're right! We need to substitute Latin for Morse. It too is a practically dead language, practiced only by hobbyists and religious sects, but Latin is far harder to learn than morse, ensuring not only empty spectrum but that everyone you meet is intelligent. We could have two classes, an entry level requiring only the ability to translate Ceasar's Gallic Wars, plus a "general" class for those who can speak and write Latin as proficiently as the Pope. Best of all, beginners would only be allowed to transmit Latin on UHF whilst those who'd demo'd papal proficiency would be allowed to QSO in English on any band! Sound like a plan?
LOL
KA3DWW

1497. Re: Amateurs must be stupid if ham radio is to survive.

Newsgroup: rec.radio.amateur.space
Date: 2000-06-13 00:00:00 UTC
From: "M. Schneider" <markinokla@juno.com>
Message-ID: <4vt15.1163$uj3.5678@newsfeed.slurp.net>
Source record: 9229
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

"inductive reactance" <type_email@here.org> wrote in message
news:skcnqv81h5156@corp.supernews.com...
> Tnx arrl, Tnx fcc, Ham radio is much harder now... harder to find an
> intelligent person to have a qso with.
>
> To increase numbers we need lower standards to survive.
> snip

You mean, like allowing people who don't sign their postings, use "handles"
like "inductive reactance" instead of real names and use fake email
addresses to become Hams?

Mark K5MAR

1498. Re: Amateurs must be stupid if ham radio is to survive.

Newsgroup: rec.radio.amateur.space
Date: 2000-06-13 00:00:00 UTC
From: "Not me"
Message-ID: <779757933F3DD40B.549113B14A049122.FB35E7BE8A7317D0@lp.airnews.net>
Source record: 9230
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Well stupid, if you didn't know, posting your straight e-mail address on the internet is not a good thing.
You might think its "Manly" and "the right thing to do" but you are subjecting yourself to spam programs
which explains why you keep getting junk mail and subscriptions to porn sites in your e-mail box.
Also, when you make a comment you are allowing people to respond by sending you e-mail.
Most people on the internet, don't deserve the toilet water they consume less deserve my e-mail address, less the right
to give their opinion in my sacred e-mail box.
Don't EVER knock people for not using their real e-mail address or using a handle. You have to as newsgroups are the EQ
of CB not HAM to begin with and you wouldn't give your personal info to CB'ers would you?

> "inductive reactance" <type_email@here.org> wrote in message
> news:skcnqv81h5156@corp.supernews.com...
> > Tnx arrl, Tnx fcc, Ham radio is much harder now... harder to find an
> > intelligent person to have a qso with.
> >
> > To increase numbers we need lower standards to survive.
> > snip
>
> You mean, like allowing people who don't sign their postings, use "handles"
> like "inductive reactance" instead of real names and use fake email
> addresses to become Hams?
>
> Mark K5MAR
>
>
>

1499. Re: sat-phone?

Newsgroup: rec.radio.amateur.space
Date: 2000-06-13 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8kcrio.q5l.nomail@linux.pe1chl.ampr.org>
Source record: 9231

```
jim <jdport@concentric.net> wrote:
>What with Iridium out of business now, I understand most of the
>sat-phones no longer function. Are there no currently functioning
>sat-phones or other isolated-area communication systems I can rent/use
>other than unreliable HF stuff?

I think Inmarsat still offers a service.

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+
```

1500. Re: Amateurs must be stupid if ham radio is to survive.

Newsgroup: rec.radio.amateur.space
Date: 2000-06-13 00:00:00 UTC
From: Core <coreREMOVETHIS@vdirect.net>
Message-ID: <H3RGOemNywrrIpoqMKzMg9HNnKDm@4ax.com>
Source record: 9232
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Now *this* is a post worthy of complaining to someone's ISP about!

Tim

On Tue, 13 Jun 2000 11:55:28 -0500, "Mark E. Levy" <mark@FSI.NET>
wrote:

>inductive reactance wrote:
>
>> 73, back to my soldering iron.
>
>Good. Get it reeeal hot, and then, shove it in your eye.

Tim's Websites: http://core.vdirect.net

1501. Re: sat-phone?

Newsgroup: rec.radio.amateur.space
Date: 2000-06-13 00:00:00 UTC
From: Will Marchant <kc6rol@amsat.org>
Message-ID: <3946771D.943D45D7@amsat.org>
Source record: 9233

INMARSAT is pretty reasonable. I've had very good luck working with the
folks at LandSea Systems (http://www.landseasystems.com/).
73,
Will

jim wrote:
>
> What with Iridium out of business now, I understand most of the
> sat-phones no longer function. Are there no currently functioning
> sat-phones or other isolated-area communication systems I can rent/use
> other than unreliable HF stuff?
> Jim W5AOX

--
Will Marchant
marchant@ssl.berkeley.edu http://chips.ssl.berkeley.edu/
marchant@acm.org http://www.citizen.infi.net/~wmarchan/

1502. Re: Amateurs must be stupid if ham radio is to survive.

Newsgroup: rec.radio.amateur.space
Date: 2000-06-13 00:00:00 UTC
From: w5lz <w5lz@oio.net>
Message-ID: <39467786.14113340@oio.net>
Source record: 9234
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Not me wrote:
>
> Well stupid, if you didn't know, posting your straight e-mail address on the internet is not a good thing.
> You might think its "Manly" and "the right thing to do" but you are subjecting yourself to spam programs
> which explains why you keep getting junk mail and s.....
---------clipped----------

Why not? Everybody isn't out to 'get you', and for those few
who really think it's funny to 'subscribe' you to junk mail, etc,
there is a cure. It isn't the most simple thing in the world, but
it can be cured. And usually, 'that' person won't ever bother you
again. I say 'usually' because some people really are that stupid.
'Doc

1503. Re: Amateurs must be stupid if ham radio is to survive.

Newsgroup: rec.radio.amateur.space
Date: 2000-06-13 00:00:00 UTC
From: w5lz <w5lz@oio.net>
Message-ID: <3946789E.798E6EC6@oio.net>
Source record: 9235
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Old Biker,
Hey, I know two phrases in Latin, "Ubi est ignus?",
and the other one I can't use here. Can I be a
'No Latin Tech'?
'Doc

1504. Re: Amateurs must be stupid if ham radio is to survive.

Newsgroup: rec.radio.amateur.space
Date: 2000-06-13 00:00:00 UTC
From: Brendan K Callahan <god@pcpartner.net>
Message-ID: <8i5v88$ub1$1@ins21.netins.net>
Source record: 9236
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

```
-----BEGIN PGP SIGNED MESSAGE-----
Hash: SHA1
```

And this is the guy we're trusting "International good will" too???
Brendan K Callahan k�ees

```
"inductive reactance" <type_email@here.org> wrote in message
news:skcnqv81h5156@corp.supernews.com...
> Tnx arrl, Tnx fcc, Ham radio is much harder now... harder to find
> an intelligent person to have a qso with.
>
> To increase numbers we need lower standards to survive.
>
> Ed, Kim, Cecil, B.Sohl, CBrambo, dave sumner, riley h., bob, f.
> maia, g. west, dave, etc. etc. You Win!
>
>
73, back to my soldering iron.

-----BEGIN PGP SIGNATURE-----
Version: PGPfreeware 6.5.2 for non-commercial use <http://www.pgp.com>

iQA/AwUBOUaASG0mtugpi0ZaEQKtYgCeKnViju94hvB8wbfxeleUpq5tSw4AoLE/
FhqLhN5l7fBJuwlgMaXxjbUi
=Vcuc
-----END PGP SIGNATURE-----
```

1505. Re: Amateurs must be stupid if ham radio is to survive.

Newsgroup: rec.radio.amateur.space
Date: 2000-06-13 00:00:00 UTC
From: JerryL <jlockett@onemain.com>
Message-ID: <sUu15.8139$PZ5.175139@nntp3.onemain.com>
Source record: 9237
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

```
"
> inductive reactance wrote:
>
> > 73, back to my soldering iron.
>
> Good. Get it reeeal hot, and then, shove it in your eye. --- or up
your ASS!!!
>
```

1506. Re: Amateurs must be stupid if ham radio is to survive.

Newsgroup: rec.radio.amateur.space
Date: 2000-06-13 00:00:00 UTC
From: "Mark E. Levy" <mark@FSI.NET>
Message-ID: <39468319.8E05E201@FSI.NET>
Source record: 9238
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Not me wrote:
>
> Well stupid, if you didn't know, posting your straight e-mail address on the internet is not a good thing.

It's no wonder that you get hate mail when you start off calling people "stupid." Only cowards or people conducting themselves in a questionable manner have to hide their identity.

--

Mark E. Levy, President
FSINet, Inc.
800-827-6085 x202
847-753-6832 fax
www.fsi.net
mark@fsi.net

1507. Re: Amateurs must be stupid if ham radio is to survive.

Newsgroup: rec.radio.amateur.space
Date: 2000-06-13 00:00:00 UTC
From: Old Biker <enfield@3n.net>
Message-ID: <394687BB.216D9639@3n.net>
Source record: 9239
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

w5lz wrote:
>
> Old Biker,
> Hey, I know two phrases in Latin, "Ubi est ignus?",
> and the other one I can't use here. Can I be a
> 'No Latin Tech'?
> 'Doc

Certainly! That's more than I remember and I used to be pretty fluent.

1508. Re: Amateurs must be stupid if ham radio is to survive.

Newsgroup: rec.radio.amateur.space
Date: 2000-06-13 00:00:00 UTC
From: Mark Holden <msholden@ct2.nai.net>
Message-ID: <394687C6.6B7C9E36@ct2.nai.net>
Source record: 9240
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

A reason ham radio is declining is learning the code, and putting together a station is hard work compared to the ease of buying a computer and joining an internet chat room.

In some respects, the code is like learning a foreign language, and even though there are only a few dozen characters, somepeopleseemtosendcomletesentenceswithoutspacessoifyoumissaletteritmightbehardtofigureoutwheretopickitupagain.
O th er p e op leputp aus es in th e wro ngpl aces,m akingi t toughert o figu reo ut lettersyo umis s e d.

Some people are just better than others at learning languages.

While a no code license exists, it's more limited, and holders of that class of license seem to be looked at as second class citizens by some hams.

I don't think the theory is as much of a deterrent because people who are interested in ham radio are often interested in experimenting. They see a use for it.

Perhaps a compromise could be worked out so people who didn't want to learn the code would need to show greater understanding of theory for a given class of license.

But until the folks who earned their licenses the hard way decide the code is less important than getting more people involved in the hobby, little will change.

It doesn't matter how far you can send a message with 1 watt if nobody is listening.

inductive reactance wrote:

> Tnx arrl, Tnx fcc, Ham radio is much harder now... harder to find an
> intelligent person to have a qso with.
>
> To increase numbers we need lower standards to survive.
>
> Ed, Kim, Cecil, B.Sohl, CBrambo, dave sumner, riley h., bob, f. maia, g.
> west, dave, etc. etc. You Win!
>
> 73, back to my soldering iron.

1509. Re: Amateurs must be stupid if ham radio is to survive.

Newsgroup: rec.radio.amateur.space
Date: 2000-06-13 00:00:00 UTC
From: fmaxsc@hotmail.com
Message-ID: <39469c17.110691642@nntp.ix.netcom.com>
Source record: 9241
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

The post is begging the question. Just because standards change to attract new operators, it does not follow that the new lot of operators are less intelligent and needed the chage in standards to pass the ham tests as they were.

There are many competing forms of communication that appeal to the pool of potential hams. Change may draw some into the hobby who otherwise would not take a second look.

Fred Maxwell
WA4PAV
BA., BS., M.Ed., Ph.D.

1510. Re: Amateurs must be stupid if ham radio is to survive.

Newsgroup: rec.radio.amateur.space
Date: 2000-06-13 00:00:00 UTC
From: Core <coreREMOVETHIS@vdirect.net>
Message-ID: <ippGOTEJ4llKaGIpCwnkVcu85G7Y@4ax.com>
Source record: 9242
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Kindly stop posting this garbage to rec.radio.shortwave. Most of us here are SWL's and don't want to listen to a couple so-called HAM operators get ugly and attack one another (why not do it over the airwaves?).

Have some consideration for someone besides yourselves and *PLEASE* remove rec.radio.shortwave from your headers when replying.

THANK YOU VERY MUCH FOR YOUR CONSIDERATION,

Tim

On Tue, 13 Jun 2000 11:18:02 -0700, "JerryL" <jlockett@onemain.com> wrote:

>"
>> inductive reactance wrote:
>>
>> > 73, back to my soldering iron.
>>
>> Good. Get it reeeal hot, and then, shove it in your eye. --- or up
>your ASS!!!
>>
>

Tim's Websites: http://core.vdirect.net

1511. Re: Amateurs must be stupid if ham radio is to survive.

Newsgroup: rec.radio.amateur.space
Date: 2000-06-13 00:00:00 UTC
From: "Not me"
Message-ID: <97E35AA70E18ECFD.683B7EC3A553409D.89BE2967CF25CB55@lp.airnews.net>
Source record: 9243
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Keep blabbing stupid. I bet your box is full of invitations to porn and spam.

"Mark E. Levy" <mark@FSI.NET> wrote in message news:39468319.8E05E201@FSI.NET...
> Not me wrote:
> >
> > Well stupid, if you didn't know, posting your straight e-mail address on the internet is not a good thing.
>
> It's no wonder that you get hate mail when you start off calling people
> "stupid." Only cowards or people conducting themselves in a
> questionable manner have to hide their identity.
>
> --
> ---
> Mark E. Levy, President
> FSINet, Inc.
> 800-827-6085 x202
> 847-753-6832 fax
> www.fsi.net
> mark@fsi.net
> ---

1512. How do you bulid?

Newsgroup: rec.radio.amateur.space
Date: 2000-06-13 00:00:00 UTC
From: Michael Lewis <Ferrari-550@worldnet.att.net>
Message-ID: <emy15.411$Uw3.11593@bgtnsc04-news.ops.worldnet.att.net>
Source record: 9244

Is it possble that you can build your own satellite? And what about the
radio ones

1513. Re: sat-phone?

Newsgroup: rec.radio.amateur.space
Date: 2000-06-13 00:00:00 UTC
From: Bob Sayers <bob.sayers@zetnet.co.uk>
Message-ID: <2000061323153770143@zetnet.co.uk>
Source record: 9245

The message <39463930.8A7A75D0@concentric.net>
from jim <jdport@concentric.net> contains these words:

> What with Iridium out of business now, I understand most of the
> sat-phones no longer function. Are there no currently functioning
> sat-phones or other isolated-area communication systems I can rent/use
> other than unreliable HF stuff?

Yes, Jim; Orbcomm have now increased their advertising substantially
since the Iridium failure.

1514. Re: sat-phone?

Newsgroup: rec.radio.amateur.space
Date: 2000-06-13 00:00:00 UTC
From: Will Marchant <kc6rol@amsat.org>
Message-ID: <3946BA6E.162F351E@amsat.org>
Source record: 9246

OrbComm is an option if you only need email. It won't handle voice.

Bob Sayers wrote:
>
> The message <39463930.8A7A75D0@concentric.net>
> from jim <jdport@concentric.net> contains these words:
>
> > What with Iridium out of business now, I understand most of the
> > sat-phones no longer function. Are there no currently functioning
> > sat-phones or other isolated-area communication systems I can rent/use
> > other than unreliable HF stuff?
>
> Yes, Jim; Orbcomm have now increased their advertising substantially
> since the Iridium failure.

--
Will Marchant
marchant@ssl.berkeley.edu http://chips.ssl.berkeley.edu/
marchant@acm.org http://www.citizen.infi.net/~wmarchan/

1515. Re: Amateurs must be stupid if ham radio is to survive.

Newsgroup: rec.radio.amateur.space
Date: 2000-06-13 00:00:00 UTC
From: Michael Kellogg <Michael@kelloggs.org>
Message-ID: <skderu9his495@corp.supernews.com>
Source record: 9247
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Some anonymous moron wrote:
>Most people on the internet, don't deserve the toilet water they consume
less deserve my e-mail >address, less the right to give their opinion in my
sacred e-mail box.

"Most people on the internet" are, anymore, most people in the world, you
dolt. And if you're not looking to have an intelligent discussion, stay out
of Usenet.
-=-
Michael Kellogg
Diamond Bar, California, USA

"I know how hard it is to win the Cup and I know how hard
it is to repeat. They have nothing to hang their heads about.
They gave us all we could handle and more."
-New Jersey Devils coach Larry Robinson,
who won six Stanley Cups as a player, one
as an assistant coach, and now one as head
coach, as his Devils beat "my" Dallas Stars.
=-

1516. Re: Amateurs must be stupid if ham radio is to survive.

Newsgroup: rec.radio.amateur.space
Date: 2000-06-13 00:00:00 UTC
From: EDMONTON <EDMONTON@hotmail.com>
Message-ID: <Zqz15.271$rB4.4068@news1.rdc1.ab.home.com>
Source record: 9248
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

You get spam and hate mail by giving out your callsign???
What do you think hotmail is for?
He that points the finger should be pointing at himself!
--
EDDY

Not me <@.> wrote in message
news:97E35AA70E18ECFD.683B7EC3A553409D.89BE2967CF25CB55@lp.airnews.net...
Keep blabbing stupid. I bet your box is full of invitations to porn
and spam.

"Mark E. Levy" <mark@FSI.NET> wrote in message
news:39468319.8E05E201@FSI.NET...
> Not me wrote:
> >
> > Well stupid, if you didn't know, posting your straight e-mail
address on the internet is not a good thing.
>
> It's no wonder that you get hate mail when you start off calling
people
> "stupid." Only cowards or people conducting themselves in a
> questionable manner have to hide their identity.
>
> --
> ---
--
> Mark E. Levy, President
> FSINet, Inc.
> 800-827-6085 x202
> 847-753-6832 fax
> www.fsi.net
> mark@fsi.net
> ---
--

1517. Re: Amateurs must be stupid if ham radio is to survive.

Newsgroup: rec.radio.amateur.space
Date: 2000-06-14 00:00:00 UTC
From: nole_fan@my-deja.com
Message-ID: <8i6lt2$s37$1@nnrp1.deja.com>
Source record: 9151
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

In article <skcnqv81h5156@corp.supernews.com>,
type_email@here.org (inductive reactance) wrote:
> Tnx arrl, Tnx fcc, Ham radio is much harder now... harder to find an
> intelligent person to have a qso with.
>
> To increase numbers we need lower standards to survive.
>
> Ed, Kim, Cecil, B.Sohl, CBrambo, dave sumner, riley h., bob, f. maia,
g.
> west, dave, etc. etc. You Win!
>
> 73, back to my soldering iron.
>
First let me start off by stating that I am a lowly Technician class radio amateur. I have been licensed for nearly two years and I have enjoyed the bands that I have access to. When I was beginning to become interested in ham radio , I wanted to "work the world" and do some dx. The fcc amateur restructuring has made zero difference in my particular situation. I still need to master 5 wpm to gain access to the hf bands and I still intend to do so. Do I have a problem with increasing difficulty to get more privileges? Yes and No...I do feel that you shouldn't get "something for nothing" and just get a license. However, why is morse code the "chosen mode" for gaining a higher license? There are many modes to operate in amateur radio and simply being proficient at sending and receiving code, doesn't make you a good ham operator. 5 wpm is adequate in my opinion because if you are interested in operating cw and/or qrp , you will get more proficient with cw due to experience. The "die hard" hams out there are so concerned with degradation of the bands...What do they care? All of the of the hams that don't use code, won't be hurting or bothering their precious code allocated portions of the band. The other question that I have...How many of these "die hard" hams are actively involved in their local ham club and community? I can tell you that the club I belong to has about 70 members and most of which are advanced or extra class operators. At the last meeting, I brought up an upcoming event in the community that needs about 6 folks from our group for communications for the event. The same lowly-classed hams like myself were the only ones that were willing to help. All I needed were six out of the 70...SAD!!!!!! The other sad fact is its always the same 3 or 4 active guys in the club that do 90% of the work. I think this is typical of most clubs everywhere and this is where the REAL problem is in ham radio. I guess the higher-classed guys that are code proficient are too busy working cw to help the community, the club, or a new ham...

Greg - KC8KUG

Sent via Deja.com http://www.deja.com/
Before you buy.

1518. Re: Amateurs must be stupid if ham radio is to survive.

Newsgroup: rec.radio.amateur.space
Date: 2000-06-14 00:00:00 UTC
From: horseshoestew@my-deja.com
Message-ID: <8i6q04$v32$1@nnrp1.deja.com>
Source record: 9152
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

In article <39466AC4.B5E626D1@3n.net>,
enfield@3n.net wrote:
> inductive reactance wrote:
> >
> > Tnx arrl, Tnx fcc, Ham radio is much harder now... harder to find an
> > intelligent person to have a qso with.
>
> You're right! We need to substitute Latin for Morse. It too is a
> practically dead language, practiced only by hobbyists and religious
> sects, but Latin is far harder to learn than morse, ensuring not only
> empty spectrum but that everyone you meet is intelligent. We could
have
> two classes, an entry level requiring only the ability to translate
> Ceasar's Gallic Wars, plus a "general" class for those who can speak
and
> write Latin as proficiently as the Pope. Best of all, beginners would
> only be allowed to transmit Latin on UHF whilst those who'd demo'd
papal
> proficiency would be allowed to QSO in English on any band! Sound
like a
> plan?

That is pretty good Old Biker. But it doesn't go far enough, as Latin actually has some utility. I suggest we go with Celtic, as it is MORE like "Morris" code in that it has absolutely NO utility in today's world. Those that passed the Extra examination would be given the privilege to converse in Gaelic on the HF bands. Novices would be given the "opportunity" to converse in Assyrian ONLY on 28.100Mhz, until they built up their dead language skills - those filthy, whining novices!

> KA3DWW

Stewart - N0MHS/AG

Sent via Deja.com http://www.deja.com/
Before you buy.

1519. Re: Amateurs must be stupid if ham radio is to survive.

Newsgroup: rec.radio.amateur.space
Date: 2000-06-14 00:00:00 UTC
From: horseshoestew@my-deja.com
Message-ID: <8i6ron$c4$1@nnrp1.deja.com>
Source record: 9153
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

In article <8i6lt2$s37$1@nnrp1.deja.com>,
nole_fan@my-deja.com wrote:

Good flame.

> ... I guess
> the higher-classed guys that are code proficient are too busy working
> cw to help the community, the club, or a new ham...

Yes, it takes a lot of work for them to drag their feet for so long.

BTW, not all of them are so pig-headed. But many of them are - and it is only thru attrition of their numbers, due to advancing age, that change has finally been possible. Up until restructuring, the number of licensed General class hams had been declining at an ever more rapid rate over the last 3 years. But there are STILL a lot of bitter, old coots out there. However, on this newsgroup, the more vocal "Morris" code pundants are mostly only about 45-55 years old, and we should have them to "kick around" for a long time to come!

Good luck with your Amateur activities.

> Greg - KC8KUG

Stewart - N0MHS/AG

Sent via Deja.com http://www.deja.com/
Before you buy.

1520. Re: Amateurs must be stupid if ham radio is to survive.

Newsgroup: rec.radio.amateur.space
Date: 2000-06-14 00:00:00 UTC
From: horseshoestew@my-deja.com
Message-ID: <8i6tc3$1ir$1@nnrp1.deja.com>
Source record: 9154
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

In article
<97E35AA70E18ECFD.683B7EC3A553409D.89BE2967CF25CB55@lp.airnews.net>,
"Not me" <@.> wrote:
> Keep blabbing stupid. I bet your box is full of invitations to porn
and =
> spam.

Hey!

You didn't answer his accusation that you are a coward.

Coward! ... or are you just paranoid?

Get some backbone, and identify yourself, otherwise quit posting.
Unidentified posters are non-entities - non-human, if you will. They
deserved to be FLAMED with "stick your hot soldering iron in your ear"
statements - as they are ghosts, you can't hurt them! For all we know
they(and you) are an e-bot - a TRUE non-human - a computer program that
runs wild on the newsgroups, bantering over NOTHING!

You cowardly e-bot! You are nothing more than spam!

You are a non-entity - a spectre of the net.

Stewart - N0MHS/AG

Sent via Deja.com http://www.deja.com/
Before you buy.

1521. Re: Amateurs must be stupid if ham radio is to survive.

Newsgroup: rec.radio.amateur.space
Date: 2000-06-14 00:00:00 UTC
From: Steven Kennedy <skennedy5@earthlink.net>
Message-ID: <vGA15.5282$xX4.66955@newsread2.prod.itd.earthlink.net>
Source record: 9155
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Has it ever occurred to you the FCC & QRZ among others publish ALL your oooh very important super secret data?

skennedy (my real name)

EDMONTON <EDMONTON@hotmail.com> wrote in message news:Zqz15.271$rB4.4068@news1.rdc1.ab.home.com...
> You get spam and hate mail by giving out your callsign???
> What do you think hotmail is for?
> He that points the finger should be pointing at himself!
> --
> EDDY
>
>
>
> ____________________________
> Not me <@.> wrote in message
> news:97E35AA70E18ECFD.683B7EC3A553409D.89BE2967CF25CB55@lp.airnews.ne
> t...
> Keep blabbing stupid. I bet your box is full of invitations to porn
> and spam.
>
> "Mark E. Levy" <mark@FSI.NET> wrote in message
> news:39468319.8E05E201@FSI.NET...
> > Not me wrote:
> > >
> > > Well stupid, if you didn't know, posting your straight e-mail
> address on the internet is not a good thing.
> > >
> > > It's no wonder that you get hate mail when you start off calling
> people
> > > "stupid." Only cowards or people conducting themselves in a
> > > questionable manner have to hide their identity.
> > >
> > > --
> > > --
> --
> > > Mark E. Levy, President
> > > FSINet, Inc.
> > > 800-827-6085 x202
> > > 847-753-6832 fax
> > > www.fsi.net
> > > mark@fsi.net

> > --
> --
>
>
>

1522. Re: Amateurs must be stupid if ham radio is to survive.

Newsgroup: rec.radio.amateur.space
Date: 2000-06-14 00:00:00 UTC
From: Steven Kennedy <skennedy5@earthlink.net>
Message-ID: <ODA15.5271$xX4.66721@newsread2.prod.itd.earthlink.net>
Source record: 9156
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

What a weenie.

captain resistive reluctance.

M. Schneider <markinokla@juno.com> wrote in message
news:4vt15.1163$uj3.5678@newsfeed.slurp.net...
>
> "inductive reactance" <type_email@here.org> wrote in message
> news:skcnqv81h5156@corp.supernews.com...
> > Tnx arrl, Tnx fcc, Ham radio is much harder now... harder to find an
> > intelligent person to have a qso with.
> >
> > To increase numbers we need lower standards to survive.
> > snip
>
> You mean, like allowing people who don't sign their postings, use
"handles"
> like "inductive reactance" instead of real names and use fake email
> addresses to become Hams?
>
> Mark K5MAR
>
>
>
>

1523. WTB: SP-7000 Preamp

Newsgroup: rec.radio.amateur.space
Date: 2000-06-14 00:00:00 UTC
From: Greg LaHaie <greglh@gte.net>
Message-ID: <3946DB1A.BD2D9A47@gte.net>
Source record: 9157

Would like to find a SSB Electronics 70 CM antenna mounted preamp, the
SP-7000 (or it's predecessor) to buy used.
Other brands considered also.

Greg K7YDL
greglh@gte.net

1524. Re: Amateurs must be stupid if ham radio is to survive.

Newsgroup: rec.radio.amateur.space
Date: 2000-06-14 00:00:00 UTC
From: Capacitive Reactance <noswlo@aol.com>
Message-ID: <XTB15.5692$xX4.72701@newsread2.prod.itd.earthlink.net>
Source record: 9158
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

"inductive reactance" <type_email@here.org> wrote in message
news:skcnqv81h5156@corp.supernews.com...
> Tnx arrl, Tnx fcc, Ham radio is much harder now... harder to find an
> intelligent person to have a qso with.

There are plenty of intellegent people on ham radio to speak with.

You must not be one of them by your own admissions.

(Don't you love when these A-H's hang themselves by their own undershorts?)

R.O.T.F.L.M.A.O!

> To increase numbers we need lower standards to survive.
>
> Ed, Kim, Cecil, B.Sohl, CBrambo, dave sumner, riley h., bob, f. maia, g.
> west, dave, etc. etc. You Win!

And you lose - LOOSER!

> 73, back to my soldering iron. <-- Try sticking it up your ass after
it's been on for 10
minutes ;)

1525. Re: Amateurs must be stupid if ham radio is to survive.

Newsgroup: rec.radio.amateur.space
Date: 2000-06-14 00:00:00 UTC
From: "3.14159265358979323846264338327 95" <ipete88@hotmail.com>
Message-ID: <msC15.4726$nP2.68540@typhoon.southeast.rr.com>
Source record: 9159
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Just because you're a ham, it does not mean you have to be a PIG.

Hey guys? Is this the Satellite newsgroup? All I see is a bunch of 27 MHz satellite operators.

1526. Re: Amateurs must be stupid if ham radio is to survive.

Newsgroup: rec.radio.amateur.space
Date: 2000-06-14 00:00:00 UTC
From: David VanHorn <dvanhorn@cedar.net>
Message-ID: <nKD15.627$dF.32274@news1.rdc1.il.home.com>
Source record: 9160
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

```
-----BEGIN PGP SIGNED MESSAGE-----
Hash: SHA1

Well stupid, if you didn't know, posting your straight e-mail address
on the internet is not a good thing.
You might think its "Manly" and "the right thing to do" but you are
subjecting yourself to spam programs
which explains why you keep getting junk mail and subscriptions to
porn sites in your e-mail box.

Are you not man enough to can some spam? I am.

By the way, I got the joke in the handle, if noone else did.
Call me critically damped capacitive reactance. :)

-----BEGIN PGP SIGNATURE-----
Version: PGPfreeware 6.5.2 for non-commercial use <http://www.pgp.com>

iQA/AwUBOUcj0YFlGDz1l6VWEQLMtgCfbDHM4r9xyXMEpqmQVukQoYwRKPQAoM6L
2+tqg2Z9OeGMPwmLwNqcRJpN
=6DRW
-----END PGP SIGNATURE-----
```

1527. Re: Amateurs must be stupid if ham radio is to survive.

Newsgroup: rec.radio.amateur.space
Date: 2000-06-14 00:00:00 UTC
From: "M. Schneider" <markinokla@juno.com>
Message-ID: <8EE15.848$J34.3720@newsfeed.slurp.net>
Source record: 9161
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Not me,
Your opinion is worth as much as the name you sign to it. I'm willing to sign my name to what I say, and stand up like a man for what I say. If you were signing your name you might not make rude, lewd, obnoxious, derogatory, specious comments. If I get spam, I report it to the IP, same with porn. And my email address, while valid, is not my working address. I'm not stupid, I have a free Juno email address for newsgroup posts. My postings are items I wouldn't have any problem saying on a radio to another Ham. I wonder, which is more representative of you, the way you talk on your ham rig, or the way you write on the Internet. I try to use manners both places, it's the way I was brought up.
BTW, I've read a lot more trash on the ham newsgroups that I ever heard on CB radio, and I've had one of those since 1970. This looks more like 14.313 than 27.185. And yes, I've given my personal info to Cbers, made some good friends that way.

Mark K5MAR (ex KDW-1411)
And proud of both.

"Not me" <@.> wrote in message
news:779757933F3DD40B.549113B14A049122.FB35E7BE8A7317D0@lp.airnews.net...
Well stupid, if you didn't know, posting your straight e-mail address on the internet is not a good thing.
You might think its "Manly" and "the right thing to do" but you are subjecting yourself to spam programs
which explains why you keep getting junk mail and subscriptions to porn sites in your e-mail box.
Also, when you make a comment you are allowing people to respond by sending you e-mail.
Most people on the internet, don't deserve the toilet water they consume less deserve my e-mail address, less the right
to give their opinion in my sacred e-mail box.
Don't EVER knock people for not using their real e-mail address or using a handle. You have to as newsgroups are the EQ
of CB not HAM to begin with and you wouldn't give your personal info to CB'ers would you?

> "inductive reactance" <type_email@here.org> wrote in message
> news:skcnqv81h5156@corp.supernews.com...
> > Tnx arrl, Tnx fcc, Ham radio is much harder now... harder to find an
> > intelligent person to have a qso with.
> >
> > To increase numbers we need lower standards to survive.

> > snip
>
> You mean, like allowing people who don't sign their postings, use
"handles"
> like "inductive reactance" instead of real names and use fake email
> addresses to become Hams?
>
> Mark K5MAR
>
>
>

1528. Re: Amateurs must be stupid if ham radio is to survive.

Newsgroup: rec.radio.amateur.space
Date: 2000-06-14 00:00:00 UTC
From: w5lz <w5lz@oio.net>
Message-ID: <39473615.1C5D31E0@oio.net>
Source record: 9162
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Not me wrote:
>
> You guys are a bunch of arrogant assholes. I've put you all in my killfile and filtered this thread out.

Thank you,
'Doc

1529. Re: sat-phone?

Newsgroup: rec.radio.amateur.space
Date: 2000-06-14 00:00:00 UTC
From: Clark Lindsey <karina.maasho@swipnet.se>
Message-ID: <bFH15.2616$rH5.6057@nntpserver.swip.net>
Source record: 9163

jim <jdport@concentric.net> wrote in message
news:39463930.8A7A75D0@concentric.net...
> What with Iridium out of business now, I understand most of the
> sat-phones no longer function. Are there no currently functioning
> sat-phones or other isolated-area communication systems I can rent/use
> other than unreliable HF stuff?
> Jim W5AOX
>
Globalstar www.globalstar.com has a 48+spares LEO satellite system that
covers most
of the major populated land regions. It differs from Iridium in that it employes
a "bentpipe"
approach with the switching done on the ground rather than on the satellites.
This means service
won't be available in polar or deep sea areas since there won't be any
"gateways" there.
The gateways have been coming online gradually and now there are about 30
countries with working systems
(www.globalstar.com/en/support/coverage_map.html).
The phones are mostly dual or tri-mode that use local cellular when available.

ICO (www.ico.com) has come out of bankruptcy and will begin launching its
system this year with turn on probably in 2003. However, the sats are being
modified
to enhance data/internet transfer rates, although they still will be useable for
phones. The
basic ICO system (www.ico.com/system/index.htm) involved 12 sats in medium
earth orbit but it looks like Craig McCaw, who bought control of the company,
will
combine it with the proposed Teledesic (www.teledesic.com)LEO system. The
current
design for Teledesic includes over 288 sats but this probably will be
drastically reduced.

Inmarsat (www.inmarsat.com) has offered mobile phones (in briefcase sized
systems)
for several years using GEO satellites. They are now starting to emphasize their
internet
systems. Inmarsat is a partner with ICO and so will switch to that system when
its available.

Skybridge (www.skybridgesatellite.com) is an Alcatel/Loral consortium that plans
an
80 satellite LEO system but primarily, like Teledesic, intended for broadband
internet

connections. They will begin launches in 2002 with service starting in 2003. It just
got approval at the WRC (www.skyreport.com/skyreport/jun2000/061200.htm#wrc)
for its plan to use the Ku bands that are also used by US DBS systems. They claim to
have a scheme to prevent interference.

Orbcomm (www.orbcomm.net) is a 35+ satellite LEO system that provides data messaging,
email, and other low data rate services. They offer a handheld unit, for example, the Magellan GSC 100,
that can send and receive short email messages. The system is mostly intended, though, for
industrial applications such as ship, train car and truck tracking. Remote gas and electric meter
reading is another market that's expected to develop. (Note that so far Orbcomm has about 250k
ground transceiver systems ordered, mostly for trucks, though they have only installed about 25k due to
various debugging/startup problems. So while it may not be off to a smooth start, indications are that
there is a substantial market for this type of service.)

There are, at least, a couple of other "Little LEO" constellations that have a reasonable
chance of getting launched: Final Analysis (www.finalanalysis.com) with 32+ sats
and LeoOne (www.leo1.com).

Clark S. Lindsey
clarklindsey@hobbyspace.com
www.hobbyspace.com

1530. Re: Amateurs must be stupid if ham radio is to survive.

Newsgroup: rec.radio.amateur.space
Date: 2000-06-14 00:00:00 UTC
From: "David J. Windisch" <davidw@copper.net>
Message-ID: <L8J15.984$J34.2525@newsfeed.slurp.net>
Source record: 9164
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

<Screw you and <SNIP>

Two bux and a note from your mother.

K3BHJ

1531. Re: Amateurs must be stupid if ham radio is to survive.

Newsgroup: rec.radio.amateur.space
Date: 2000-06-14 00:00:00 UTC
From: KC8JBO <kc8jbo@my-deja.com>
Message-ID: <8i80vo$q5n$1@nnrp1.deja.com>
Source record: 9165
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

In article <L8J15.984$J34.2525@newsfeed.slurp.net>,
"David J. Windisch" <davidw@copper.net> wrote:
> <Screw you and <SNIP>
>
> Two bux and a note from your mother.
>
> K3BHJ

Windisch's mother only charges a quarter.

--
73 de KC8JBO|Roger
EM99 |ARRL|VE [ARRL & W5YI]|ARES
Yaesu FT-920 |Inverted Vee @ 40 ft.

Sent via Deja.com http://www.deja.com/
Before you buy.

1532. Re: How do you bulid?

Newsgroup: rec.radio.amateur.space
Date: 2000-06-14 00:00:00 UTC
From: None@dontevntry.oro
Message-ID: <8i7q0s$9o1$2@news.uky.edu>
Source record: 9166

In article <emy15.411$Uw3.11593@bgtnsc04-news.ops.worldnet.att.net>,
Ferrari-550@worldnet.att.net says...
>
>Is it possble that you can build your own satellite? And what about the
>radio ones
>
>
>
>
>
As a long time lurker, seldom poeter..
Why not go to the AMSAT website.
Even a "imple" ham satellite is an extremely complex
lttle beast.
Power managment,
Thermal managment
Control systems that are very robust.
Recievers and transmitters that are very reliable.
And let us not foget the "simple" task of getting the
whole package up at least sa 200 miles.
While I suspect that there is some ham somewhere
in the world with the savy, and resoucres to build one,
I suspect there is no ham who can put one in orbit
by himself.
AMSAT is a large gruop of world wide like minded hams
who build satellites of comercial quality for pennies on
the dollar, and it still is not cheap. Or rapid.
A lot of planing, testing, design and redesign go into
to every ham satellite, regardless if AMSAT or the folks
at Surray [sorry about mis-spelling] England build it.
Very few peole have all the many skills required to build a
working bird.
Hope this at leasts opens the door.....

1533. Re: Amateurs must be stupid if ham radio is to survive.

Newsgroup: rec.radio.amateur.space
Date: 2000-06-14 00:00:00 UTC
From: Steve Fleckenstein <spfleck@citlink.net>
Message-ID: <39476F0F.D66EACAF@citlink.net>
Source record: 9167
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

inductive reactance wrote:

>73, back to my soldering iron.

I think you have been sniffing too much rosin fumes after that post.

1534. Re: Amateurs must be stupid if ham radio is to survive.

Newsgroup: rec.radio.amateur.space
Date: 2000-06-14 00:00:00 UTC
From: "David J. Windisch" <davidw@copper.net>
Message-ID: <WOL15.1102$J34.5653@newsfeed.slurp.net>
Source record: 9168
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

Go back to sucking and chewing your Pampers and Depends, since you've lost your other pavifiers.

K3BHJ

1535. Re: Amateurs must be stupid if ham radio is to survive.

Newsgroup: rec.radio.amateur.space
Date: 2000-06-14 00:00:00 UTC
From: "David J. Windisch" <davidw@copper.net>
Message-ID: <OjM15.1136$J34.5055@newsfeed.slurp.net>
Source record: 9169
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

Late corrections: pacifiers

Referent: Roger, the old sod

1536. Re: How do you bulid?

Newsgroup: rec.radio.amateur.space
Date: 2000-06-14 00:00:00 UTC
From: Michael Lewis <Ferrari-550@worldnet.att.net>
Message-ID: <wzN15.1412$Xx5.97739@bgtnsc06-news.ops.worldnet.att.net>
Source record: 9170

What about a ham radio
"Who Did you Expect?" <None@dontevntry.oro> wrote in message
news:8i7q0s$9o1$2@news.uky.edu...
> In article <emy15.411$Uw3.11593@bgtnsc04-news.ops.worldnet.att.net>,
> Ferrari-550@worldnet.att.net says...
> >
> >Is it possble that you can build your own satellite? And what about the
> >radio ones
> >
> >
> >
> >
> >
> As a long time lurker, seldom poeter..
> Why not go to the AMSAT website.
> Even a "imple" ham satellite is an extremely complex
> lttle beast.
> Power managment,
> Thermal managment
> Control systems that are very robust.
> Recievers and transmitters that are very reliable.
> And let us not foget the "simple" task of getting the
> whole package up at least sa 200 miles.
> While I suspect that there is some ham somewhere
> in the world with the savy, and resoucres to build one,
> I suspect there is no ham who can put one in orbit
> by himself.
> AMSAT is a large gruop of world wide like minded hams
> who build satellites of comercial quality for pennies on
> the dollar, and it still is not cheap. Or rapid.
> A lot of planing, testing, design and redesign go into
> to every ham satellite, regardless if AMSAT or the folks
> at Surray [sorry about mis-spelling] England build it.
> Very few peole have all the many skills required to build a
> working bird.
> Hope this at leasts opens the door.....
>

1537. What is a LEO

Newsgroup: rec.radio.amateur.space
Date: 2000-06-14 00:00:00 UTC
From: Michael Lewis <Ferrari-550@worldnet.att.net>
Message-ID: <PtN15.1397$Xx5.97410@bgtnsc06-news.ops.worldnet.att.net>
Source record: 9171

I know it has to do something with a satellite

1538. Re: Amateurs must be stupid if ham radio is to survive.

Newsgroup: rec.radio.amateur.space
Date: 2000-06-14 00:00:00 UTC
From: Boobsalot Betty kc1zq <kc3ausucksass@14313.com>
Message-ID: <vSN15.8860$xX4.120243@newsread2.prod.itd.earthlink.net>
Source record: 9172
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Steve Fleckenstein <spfleck@citlink.net> wrote in message
news:39476F0F.D66EACAF@citlink.net...
>
>
> inductive reactance wrote:
>
> >73, back to my soldering iron.
>
> I think you have been sniffing too much
> rosin fumes after that post.

He uses his soldering iron to light up joints.
Just like that stinkball slimebacg in Ga does

1539. Re: What is a LEO

Newsgroup: rec.radio.amateur.space
Date: 2000-06-14 00:00:00 UTC
From: Spencer Webb <webb@alum.mit.edu>
Message-ID: <ION15.41$sd6.3680@news.shore.net>
Source record: 9173

Stands for Low Earth Orbit[ing satellite].

--
-Spencer Webb
President
AntennaSys, Inc.
www.AntennaSys.com

Michael Lewis <Ferrari-550@worldnet.att.net> wrote in message
news:PtN15.1397$Xx5.97410@bgtnsc06-news.ops.worldnet.att.net...
>
> I know it has to do something with a satellite
>
>
>

1540. old dish ??'s

Newsgroup: rec.radio.amateur.space
Date: 2000-06-14 00:00:00 UTC
From: AL <jaschwarz@norstan.com>
Message-ID: <01bfd61b$e3b64ea0$af0c330a@jasa721hvy6e054>
Source record: 9174

I can't seem to find enough info about the old outdated Primestar
equipment.
Is there any use for the antenna and receivers that would interest a HAM??
Small size and lo gain (as compaired to 12' dish) TV signals (A.M.) as
opposed to
SSB. Any new uses for old gear??

pse e-mail kg0ln@arrl.net

tnx
73

1541. Re: How do you bulid?

Newsgroup: rec.radio.amateur.space
Date: 2000-06-14 00:00:00 UTC
From: None@dontevntry.oro
Message-ID: <8i8ccn$m3q$1@news.uky.edu>
Source record: 9175

In article <wzN15.1412$Xx5.97739@bgtnsc06-news.ops.worldnet.att.net>,
Ferrari-550@worldnet.att.net says...
>
>What about a ham radio
snip
While we are drifting from the purported topics of this news group,
I will offer some very genral observations.
"A ham radio" can be anything from a very simple low power rig, using
crystals as the frequency control method, [Yes I know you can build
VFO but the simplest usable radios especially Transmitters use crustals
to control the frequency] with a parts count of less then 50 components.
While simpler radio exist, my experience has been they are nice to
experiment with, but are not all that usefull to actually communicate with.
To radios that cost thoasands of dollars and have very complex sub assemblies.
I am active in VHF [144MHZ and up] QRP [very low power]
and have a simple 2 band HF radio. Cost next to nothing to build them, did
require some knowledge and time to either locate good desings or desing,
debug and redesign them. I also have a computer controled radio
PCR1000 recevier and even my main SW receiver has a built in microcontroler
to manage the VFOS memories, modes etc. I think the Knewoond R2000 cast
about $500 when new, and while I don;t doubt that some hams build radios
of theat level of complexity, most of do not have the resourcres to design
computer controlled radios, mixing chains etc. Even a simple antiqu best like
the Icom IC-2AT, a very simple, with full synthisis [no crystals to cahnge]
that covers teh 144 to 148 MHZ band would be very dificult to make in a box
4 times its size. It is lots of fun to build stuff, but might be much more
parctical to kimit building to projects that make economic sense.
I limit my consturction to simple things like RF preamps, antennnas, power
suplies, specialized cable that I can no buy. I can purchase good quiltiy
data cable for less than I can get the parts, so unless I need something
wierd [and I do weekly], I buy standard mass produced "things" that will serve
my needs. Thre are many archive sites will loads of diagrams on how to build
nearly anything/everything you could want. I have lost all my older book marks
so I can not offer any usefull suggestions. Just do some searches on radio
diagrams.
None of this was meant to suggest that people are wasting their time building
anything they want. I just built a small dedicated Z80A based beacon.
Pratical, maybe not, but it served my need for a X/Ku band mobile beacon ider.
But I think a lot of new commers might be better off to buy a simple
commercial radio, like a RatShack(SM) scanner. You can hear some satellites
wiht one [NOAA WX birds and some of the LEO hamsats and on at least one
occasion the space shuttle. For a few bucks more the PCR1000 will allow
reception of very good quality WS satellite images. An antenna like the QDH
is not that hard to build and gives great bang for the buck.

YMWV

1542. Inline preamp for Arrow handheld antenna

Newsgroup: rec.radio.amateur.space
Date: 2000-06-14 00:00:00 UTC
From: kf6tbn@my-deja.com
Message-ID: <8i8jf5$9lg$1@nnrp1.deja.com>
Source record: 9176

I've been trying to work AO-27 and UO-14 with the Arrow and an FT-51R.
I find that I can hear UO-14 great, even full quieting under good
conditions, but AO-27 is always noisy and frequently almost unreadable.

I'm wondering if a preamp would help, and I'm hoping somebody makes a
small one that will fit inline, at the 430 connection on the Arrow.

Any suggestions are appreciated.

Thanks,
Bob Armstrong
KF6TBN

Sent via Deja.com http://www.deja.com/
Before you buy.

1543. Re: How do you bulid?

Newsgroup: rec.radio.amateur.space
Date: 2000-06-14 00:00:00 UTC
From: Michael Lewis <Ferrari-550@worldnet.att.net>
Message-ID: <POO15.1319$Uw3.90541@bgtnsc04-news.ops.worldnet.att.net>
Source record: 9177

I do have a weather radio with 3 ch. would that work I don't think it would
I would need something bigger.
"Who Did you Expect?" <None@dontevntry.oro> wrote in message
news:8i8ccn$m3q$1@news.uky.edu...
> In article <wzN15.1412$Xx5.97739@bgtnsc06-news.ops.worldnet.att.net>,
> Ferrari-550@worldnet.att.net says...
> >
> >What about a ham radio
> snip
> While we are drifting from the purported topics of this news group,
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> "A ham radio" can be anything from a very simple low power rig, using
> crystals as the frequency control method, [Yes I know you can build
> VFO but the simplest usable radios especially Transmitters use crustals
> to control the frequency] with a parts count of less then 50 components.
> While simpler radio exist, my experience has been they are nice to
> experiment with, but are not all that usefull to actually communicate
with.
> To radios that cost thoasands of dollars and have very complex sub
assemblies.
> I am active in VHF [144MHZ and up] QRP [very low power]
> and have a simple 2 band HF radio. Cost next to nothing to build them, did
> require some knowledge and time to either locate good desings or desing,
> debug and redesign them. I also have a computer controled radio
> PCR1000 recevier and even my main SW receiver has a built in
microcontroler
> to manage the VFOS memories, modes etc. I think the Knewoond R2000 cast
> about $500 when new, and while I don;t doubt that some hams build radios
> of theat level of complexity, most of do not have the resourcres to design
> computer controlled radios, mixing chains etc. Even a simple antiqu best
like
> the Icom IC-2AT, a very simple, with full synthisis [no crystals to
cahnge]
> that covers teh 144 to 148 MHZ band would be very dificult to make in a
box
> 4 times its size. It is lots of fun to build stuff, but might be much more
> parctical to kimit building to projects that make economic sense.
> I limit my consturction to simple things like RF preamps, antennnas, power
> suplies, specialized cable that I can no buy. I can purchase good quiltiy
> data cable for less than I can get the parts, so unless I need something
> wierd [and I do weekly], I buy standard mass produced "things" that will
serve
> my needs. Thre are many archive sites will loads of diagrams on how to
build

> nearly anything/everything you could want. I have lost all my older book
marks
> so I can not offer any usefull suggestions. Just do some searches on radio
> diagrams.
> None of this was meant to suggest that people are wasting their time
building
> anything they want. I just built a small dedicated Z80A based beacon.
> Pratical, maybe not, but it served my need for a X/Ku band mobile beacon
ider.
> But I think a lot of new commers might be better off to buy a simple
> commercial radio, like a RatShack(SM) scanner. You can hear some
satellites
> wiht one [NOAA WX birds and some of the LEO hamsats and on at least one
> occasion the space shuttle. For a few bucks more the PCR1000 will allow
> reception of very good quality WS satellite images. An antenna like the
QDH
> is not that hard to build and gives great bang for the buck.
> YMWV
>

1544. Re: sat-phone?

Newsgroup: rec.radio.amateur.space
Date: 2000-06-14 00:00:00 UTC
From: Michael Lewis <Ferrari-550@worldnet.att.net>
Message-ID: <dPO15.1320$Uw3.90340@bgtnsc04-news.ops.worldnet.att.net>
Source record: 9178

I don't want the Iridium's to go away!
"Rob Janssen" <nomail@rob.knoware.nl> wrote in message
news:slrn8kcrio.q5l.nomail@linux.pe1chl.ampr.org...
> jim <jdport@concentric.net> wrote:
> >What with Iridium out of business now, I understand most of the
> >sat-phones no longer function. Are there no currently functioning
> >sat-phones or other isolated-area communication systems I can rent/use
> >other than unreliable HF stuff?
>
> I think Inmarsat still offers a service.
>
> Rob
> --
>
+----------------------------------+--------------------------------------+
> | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob
|
> | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU
|
>
+----------------------------------+--------------------------------------+

1545. Re: Amateurs must be stupid if ham radio is to survive.

Newsgroup: rec.radio.amateur.space
Date: 2000-06-14 00:00:00 UTC
From: "Mark E. Levy" <mark@FSI.NET>
Message-ID: <3947C956.37976508@FSI.NET>
Source record: 9179
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

I guess you didn't filter the thread after all.

Not me wrote:
>
> Screw you and PLONK!
>
> > "Most people on the internet" are, anymore, most people in the world, you
> > dolt. And if you're not looking to have an intelligent discussion, stay out
> > of Usenet.

--
Mark E. Levy, President
FSINet, Inc.
800-827-6085 x202
847-753-6832 fax
www.fsi.net
mark@fsi.net

1546. Re: Amateurs must be stupid if ham radio is to survive.

Newsgroup: rec.radio.amateur.space
Date: 2000-06-14 00:00:00 UTC
From: dynastic@REMOVE_THIScwcom.net
Message-ID: <3947aed7.1119356@news.cwcom.net>
Source record: 9180
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

On Wed, 14 Jun 2000 02:14:15 GMT, "Capacitive Reactance" <noswlo@aol.com> wrote:

>
>"inductive reactance" <type_email@here.org> wrote in message
>news:skcnqv81h5156@corp.supernews.com...
>> Tnx arrl, Tnx fcc, Ham radio is much harder now... harder to find an
>> intelligent person to have a qso with.
>
>There are plenty of intellegent people on ham radio to speak with.

Outnumbered by the idiots!

Despite which, (given the title of this thread) Amateur
Radio still survives and will continue to survive.

(G4RGA)

--
Jim Dunnett.

g4rga at thersgb.net

1547. Re: What is a LEO

Newsgroup: rec.radio.amateur.space
Date: 2000-06-14 00:00:00 UTC
From: Agent I <I@theoffice.net>
Message-ID: <8i8gsl$f8i$1@grandprime.binc.net>
Source record: 9181

Low Earth Orbit.

Take a look at my website. www.mailbag.com/users/meteu/kb9ung.html

I have a ham radio satellite page there that has some good info. I just rebuilt part of it and am working on the rest still.

- Carl
KB9UNG

"It just goes to show you, it's always something. If it's not one thing it's another."
- Gilda Radner as Roseanne Roseannadanna

http://www.mailbag.com/users/meteu/

Hams, take a look at my Ham Radio page.
SETI@Home users, check out my website to see my SETI@Home page. You can even join my SETI group.
Michael Lewis <Ferrari-550@worldnet.att.net> wrote in message news:PtN15.1397$Xx5.97410@bgtnsc06-news.ops.worldnet.att.net...
>
> I know it has to do something with a satellite
>
>
>

1548. Re: Amateurs must be stupid if ham radio is to survive.

Newsgroup: rec.radio.amateur.space
Date: 2000-06-14 00:00:00 UTC
From: integrity@arrl.sucks.org
Message-ID: <8i8jm0$e2q$1@slb6.atl.mindspring.net>
Source record: 9182
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

You are absolutely correct or at least that is what most of the hams on usenet indirectly believe. They think the ARRL proposal and the FCC ruling were good for amateur radio. (Dumb down the standards! A service full of retard hams is better than a service full of smart ones.)

If anyone disagrees, then you should be able to support the following:

Step 1: No more automatic renewals. Individuals must retest and pass all elements required for their license class.

Step 2: The passing score for written exams should be 90%.

Step 3: Two code elements, 13 wpm for General and 20 wpm for extra.

Step 4: No-code license should be one year non-renewable.

wouff

In article <skcnqv81h5156@corp.supernews.com>, type_email@here.org (inductive reactance) wrote:
>Tnx arrl, Tnx fcc, Ham radio is much harder now... harder to find an
>intelligent person to have a qso with.
>
>To increase numbers we need lower standards to survive.
>
>Ed, Kim, Cecil, B.Sohl, CBrambo, dave sumner, riley h., bob, f. maia, g.
>west, dave, etc. etc. You Win!
>
>
>73, back to my soldering iron.

1549. Re: Amateurs must be stupid if ham radio is to survive.

Newsgroup: rec.radio.amateur.space
Date: 2000-06-14 00:00:00 UTC
From: W6RCecilA <Cecil.A.Moore@IEEE.org>
Message-ID: <3947DBB2.967D0D13@IEEE.org>
Source record: 9183
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Wouff Hong wrote:
> Step 1: No more automatic renewals. Individuals must retest and
> pass all elements required for their license class.
>
> Step 2: The passing score for written exams should be 90%.

There's a grain of a good idea in there. Retest every ham
every ten years and increase the passing grade requirement
one percentage point for every year he has been a ham until
he is required to score 100% after being a ham for 30 years.
--
73, Cecil, W6RCA http://www.mindspring.com/~w6rca

1550. Re: Amateurs must be stupid if ham radio is to survive.

Newsgroup: rec.radio.amateur.space
Date: 2000-06-14 00:00:00 UTC
From: vlfiscus@mcn.net
Message-ID: <skfmh51vis4122@news.supernews.com>
Source record: 9184
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

My mother always said, "it always seems like alot of fun until someone get
their eye poked out.

kb7adl

>On Tue, 13 Jun 2000 11:55:28 -0500, "Mark E. Levy" <mark@FSI.NET>
>wrote:
>
>>inductive reactance wrote:
>>
>>> 73, back to my soldering iron.
>>
>>Good. Get it reeeal hot, and then, shove it in your eye.
>
>

1551. Re: Amateurs must be stupid if ham radio is to survive.

Newsgroup: rec.radio.amateur.space
Date: 2000-06-14 00:00:00 UTC
From: Pappy@sgi.netski
Message-ID: <3947E041.73D2BE97@sgi.netski>
Source record: 9185
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

The moral of the amateur radio "licensed" operators is at it's lowest in three decades.

If your looking for the FCC to eliminate amateur radio licensing forget it. The hams across this great nation and world will not allow it to happen. Why don't just sit back, study the thoery, code and take the test like the rest of us.

inductive reactance wrote:

> Tnx arrl, Tnx fcc, Ham radio is much harder now... harder to find an
> intelligent person to have a qso with.
>
> To increase numbers we need lower standards to survive.
>
> Ed, Kim, Cecil, B.Sohl, CBrambo, dave sumner, riley h., bob, f. maia, g.
> west, dave, etc. etc. You Win!
>
> 73, back to my soldering iron.

1552. Re: Amateurs must be stupid if ham radio is to survive.

Newsgroup: rec.radio.amateur.space
Date: 2000-06-14 00:00:00 UTC
From: "Mark E. Levy" <mark@FSI.NET>
Message-ID: <3947DC7D.8C10F014@FSI.NET>
Source record: 9186
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Wouff Hong wrote:
>
> You are absolutely correct or at least that is what most of the hams on usenet
> indirectly believe. They think the ARRL proposal and the FCC ruling were good
> for amateur radio. (Dumb down the standards! A service full of retard hams
> is better than a service full of smart ones.)

I think the correct way to state that is:

"A service full of hams or no new hams at all"

--

Mark E. Levy, President
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800-827-6085 x202
847-753-6832 fax
www.fsi.net
mark@fsi.net

1553. Re: Amateurs must let go if ham radio is to survive.

Newsgroup: rec.radio.amateur.space
Date: 2000-06-14 00:00:00 UTC
From: "Mark E. Levy" <mark@FSI.NET>
Message-ID: <3947E3E2.6569519F@FSI.NET>
Source record: 9187
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Let's get real here. I got my ticket primarily for the public-service aspect of ham radio. I'm not interested in cw nor am I interested in contesting. The concept of spending umpteen thousands of dollars and countless hours just to get a signal report from someone in Zimbabwe is ridiculous as far as I'm concerned. I am *NOT* knocking those persuits for those who do like them; it's just not for me.

That said, I hold a no-code tech license. If it were necessary for me to learn 5wpm cw to get _any_ ham ticket, I would not have bothered, and instead I would probably have looked at REACT. I'm sure some of the old farts reading this are probably thinking that would be better, however let's remember that first and foremost, public service is what ham radio is about and it's why the FCC doesn't just go and grab all the bands for commercial purposes.

Ham radio has to keep up with the times. During it's heyday, if one wanted to be involved with electronics and communicate over vast distances, ham radio was the only way to go. Contacting someone in Zimbabwe was considered a "big deal" then. Now, with cheap long distance and the Internet, the public is no longer impressed, and may, in fact, think that anyone who would go to such trouble instead of just picking up a phone is foolish.

If you insist on making the entrance and renewal requirements of ham radio more difficult, there will soon be no new hams. All you have to do is look at the average age of the ham radio population to see that is exactly what's happening. It may already be too late to change that.

W6RCecilA wrote:
>
> Wouff Hong wrote:
> > Step 1: No more automatic renewals. Individuals must retest and
> > pass all elements required for their license class.
> >
> > Step 2: The passing score for written exams should be 90%.
>
> There's a grain of a good idea in there. Retest every ham
> every ten years and increase the passing grade requirement
> one percentage point for every year he has been a ham until
> he is required to score 100% after being a ham for 30 years.
> --
> 73, Cecil, W6RCA http://www.mindspring.com/~w6rca

--

Mark E. Levy, President
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800-827-6085 x202
847-753-6832 fax
www.fsi.net
mark@fsi.net

1554. Re: where is SO-35?

Newsgroup: rec.radio.amateur.space
Date: 2000-06-14 00:00:00 UTC
From: Michael Lewis <Ferrari-550@worldnet.att.net>
Message-ID: <kfS15.1480$Uw3.104250@bgtnsc04-news.ops.worldnet.att.net>
Source record: 9188
Body handling: HTML body converted to readable text

What do you use?
"Agent I" wrote in message
news:8hofic$2ov$1@grandprime.binc.net...
> I havn't heard SO-35 in a few days. I was outside for a pass but heard
> nothing. I saw it key up every 7 seconds or so. at least i think it was
> so-35 because i was tracking it but all i got was a full meter, no voices.
>
> The website said they had voice communications thoes days.
>
> -- Carl
> KB9UNG
>
> "It just goes to show you, it's always something. If it's not one thing
> it's another."
> - Gilda Radner as Roseanne Roseannadanna
>
> http://www.mailbag.com/users/meteu/
>
> Hams, take a look at my Ham Radio page.
> SETI@Home users, check out my website to see my SETI@Home page. You can
> even join my SETI group.
>
>

1555. Re: Amateurs must let go if ham radio is to survive.

Newsgroup: rec.radio.amateur.space
Date: 2000-06-14 00:00:00 UTC
From: Sycho_Graphics <Sycho_Graphics@email.msn.com>
Message-ID: <#gJsYUk1$GA.323@cpmsnbbsa07>
Source record: 9189
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Good point, well made and 100% accurate. I couldn't agree with you more.

"Mark E. Levy" <mark@FSI.NET> wrote in message
news:3947E3E2.6569519F@FSI.NET...
> Let's get real here. I got my ticket primarily for the public-service
> aspect of ham radio. I'm not interested in cw nor am I interested in
> contesting. The concept of spending umpteen thousands of dollars and
> countless hours just to get a signal report from someone in Zimbabwe is
> ridiculous as far as I'm concerned. I am *NOT* knocking those persuits
> for those who do like them; it's just not for me.
>
> That said, I hold a no-code tech license. If it were necessary for me
> to learn 5wpm cw to get _any_ ham ticket, I would not have bothered, and
> instead I would probably have looked at REACT. I'm sure some of the old
> farts reading this are probably thinking that would be better, however
> let's remember that first and foremost, public service is what ham radio
> is about and it's why the FCC doesn't just go and grab all the bands for
> commercial purposes.
>
> Ham radio has to keep up with the times. During it's heyday, if one
> wanted to be involved with electronics and communicate over vast
> distances, ham radio was the only way to go. Contacting someone in
> Zimbabwe was considered a "big deal" then. Now, with cheap long
> distance and the Internet, the public is no longer impressed, and may,
> in fact, think that anyone who would go to such trouble instead of just
> picking up a phone is foolish.
>
> If you insist on making the entrance and renewal requirements of ham
> radio more difficult, there will soon be no new hams. All you have to
> do is look at the average age of the ham radio population to see that is
> exactly what's happening. It may already be too late to change that.
>
> W6RCecilA wrote:
> >
> > Wouff Hong wrote:
> > > Step 1: No more automatic renewals. Individuals must retest and
> > > pass all elements required for their license class.
> > >
> > > Step 2: The passing score for written exams should be 90%.
> >
> > There's a grain of a good idea in there. Retest every ham
> > every ten years and increase the passing grade requirement
> > one percentage point for every year he has been a ham until

> > he is required to score 100% after being a ham for 30 years.
> > --
> > 73, Cecil, W6RCA http://www.mindspring.com/~w6rca
>
> --
> ---
> Mark E. Levy, President
> FSINet, Inc.
> 800-827-6085 x202
> 847-753-6832 fax
> www.fsi.net
> mark@fsi.net
> ---

1556. Re: Amateurs must be stupid if ham radio is to survive.

Newsgroup: rec.radio.amateur.space
Date: 2000-06-14 00:00:00 UTC
From: YouGotMail <twright@u1.abs.net>
Message-ID: <Pine.BSI.4.10.10006142332500.19977-100000@u1.abs.net>
Source record: 9190
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

On Tue, 13 Jun 2000, M. Schneider wrote:

>
> "inductive reactance" <type_email@here.org> wrote in message
> news:skcnqv81h5156@corp.supernews.com...
> > Tnx arrl, Tnx fcc, Ham radio is much harder now... harder to find an
> > intelligent person to have a qso with.
> >
> > To increase numbers we need lower standards to survive.
> > snip
>
> You mean, like allowing people who don't sign their postings, use "handles"
> like "inductive reactance" instead of real names and use fake email
> addresses to become Hams?
>
> Mark K5MAR
>

And what makes me mad is all the cross posting.

Sheesh folks lets keep our complaints in our own NG's/

Tim KD4OVM

1557. Re: Amateurs must be stupid if ham radio is to survive.

Newsgroup: rec.radio.amateur.space
Date: 2000-06-14 00:00:00 UTC
From: "Richard L. Tannehill, P.E." <rickw7rt@firstinter.net>
Message-ID: <39486F77.73E0@firstinter.net>
Source record: 9191
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Wouff Hong wrote:
>
> You are absolutely correct or at least that is what most of the hams on usenet
> indirectly believe. They think the ARRL proposal and the FCC ruling were good
> for amateur radio. (Dumb down the standards! A service full of retard hams
> is better than a service full of smart ones.)
>
> If anyone disagrees, then you should be able to support the following:
>
> Step 1: No more automatic renewals. Individuals must retest and
> pass all elements required for their license class.
>
> Step 2: The passing score for written exams should be 90%.
>
> Step 3: Two code elements, 13 wpm for General and 20 wpm for extra.
>
> Step 4: No-code license should be one year non-renewable.
>
> wouff
>
> In article <skcnqv81h5156@corp.supernews.com>, type_email@here.org (inductive
> reactance) wrote:
> >Tnx arrl, Tnx fcc, Ham radio is much harder now... harder to find an
> >intelligent person to have a qso with.
> >
> >To increase numbers we need lower standards to survive.
> >
> >Ed, Kim, Cecil, B.Sohl, CBrambo, dave sumner, riley h., bob, f. maia, g.
> >west, dave, etc. etc. You Win!
> >
> >
> >73, back to my soldering iron.

I won't settle for anything less than the NCEE Electrical Engineer P.E.
exam for the Extra, with at least 30 wpm of code. (More is better isn't
it?) And, unlike professional engineer state licensing, LET'S MAKE EM
RETAKE EVERY 10 YEARS TO KEEP THEIR LICENSE. And, oh yeah, the State
P.E. passing grade is a paltry 75%, curved. Let's make sure we only get
the best of the best, and set passing at 100%.

In only a decade, the ham population of the U.S. should be maybe 2, or
3. Now, if they just had someone to talk to. I'm sure there's a few
JY1 types out there who didn't test at all, but just declared themselves

a ham.

It sounds tough, but one must prove their excellence to access a public airwave, shouldn't they? Just like broadcasters? :)

Rick T.
W7RT

1558. Re: How do you bulid?

Newsgroup: rec.radio.amateur.space
Date: 2000-06-15 00:00:00 UTC
From: Michael Lewis <Ferrari-550@worldnet.att.net>
Message-ID: <ys725.3047$C44.187359@bgtnsc05-news.ops.worldnet.att.net>
Source record: 9099

What about a CB radio does the work in the same way?
"Who Did you Expect?" <None@dontevntry.oro> wrote in message
news:8iaupknmj2@news.uky.edu...
> In article <POO15.1319$Uw3.90541@bgtnsc04-news.ops.worldnet.att.net>,
> Ferrari-550@worldnet.att.net says...
> >
> >I do have a weather radio with 3 ch. would that work I don't think it
would
> >I would need something bigger.
>
> IF you are really determined, you could probably
> retune it from the current 162MHz range down to
> 137MHz. But even if it had enough sensitivity,or
> if you added a good antenna, that radio was designed
> for a voice, narrow band FM signal. You could
> certainly hear a wx sat, or if you tune it to
> the 145MHz range you could hear some of the low
> earth orbiting ham sats. But it would be a real
> nightmare.
> A real scanner is a much better starting point.
> With one, you can at least be certain of what
> frequency you are tuned to and with out that
> it is a gamble. My first WX Sat radio was an
> old McMArtin "Muzak" receiver. But it was not
> worht all the time and effort it took.
> Had I gone out and collected soda cans from
> the raodside, and sold them for scrap,
> at pennies on the pound, I would have be time
> ahead. OF course it was very educational!...
> Good luck
>

1559. Re: Anyone have a Satellite in "Hot-Standby"?

Newsgroup: rec.radio.amateur.space
Date: 2000-06-15 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8khh4c.fap.nomail@linux.pe1chl.ampr.org>
Source record: 9100

Thomas Talley <talleyt@msn.com> wrote:
>Boeing is about to launch a Delta III with just BALLAST!!!

Of course you need to find someone who has confidence in the Delta III, and would trust his satellite on the third launch of it, after launch 1 and 2 both failed.

And then, Boeing would have to be interested in launching that satellite instead of their ballast. So that satellite would have to bring them the same amount of data about the performance of their launcher, at the same risk to them. And it should not cost them much more to cover the integration of that satellite, and the change in orbit required for it.

Remember even Ariane 5 has flown with ballast when Phase 3D was "available" as a possible launch candidate. It is not as simple as showing up on the doorstep with a box of hardware and the "please launch this instead of your block of steel" question...

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

1560. Re: Amateurs must let go if ham radio is to survive.

Newsgroup: rec.radio.amateur.space
Date: 2000-06-15 00:00:00 UTC
From: David VanHorn <dvanhorn@cedar.net>
Message-ID: <Pv825.2837$dF.171012@news1.rdc1.il.home.com>
Source record: 9101
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

-----BEGIN PGP SIGNED MESSAGE-----
Hash: SHA1

<HotPrsut@uiuc.edu> wrote in message
news:8iarc2$ebm@edrn.newsguy.com...
> Interesting that so many of the newer Hams continue to tout the
> "Public service" aspect. My experience with this group is that
> they are generally fat, lazy, often semi-literate, "cop wannabes".
> Most have never been in any position of authority nor exercise any
> sort of control over their lives. This frustrates them. They see
> "Public service" as a chance to carry a radio on their belt and be
> "important".

Both ham radio and CB suffer from this phenomenon, but not to the
degree you imply.

Our club provides assistance to the Red Cross, various athletic
events, and on a continuing basis through the county emergency
operations center and Skywarn.

Most people don't get into ham radio as a way to do public service.
It's usually the other way around. You get a licence, and then
discover the opportunities to serve that utilize your abilities as a
ham, beyond what a non-ham can provide. In my case, I feel that
since the public is loaning us these bands to operate on, we should
perform some public service in return. We certainly see enough
instances where normal communications channels aren't suficient in an
emergency..

During the Y2k rollover, we were on standby to provide communications
in case the county's 800 system went down.
Motorola couldn't provide any assurances that it would remain
operational, but our radios simply don't care about the date. As it
happened, nothing happened. I didn't expect anything to happen
either, but we were there.

Last week I had a downburst near where I was storm spotting. It took
out the phone lines, and the cell system lost eight towers from the
same storm. The area happens to be on the fringe of the county's 800
MHz system, so the only thing that was working, in terms of getting
help and reporting what was going on, was our 2 meter repeater.

A month ago, we had a severe hailstorm, and our advance warnings
probably saved lives. With several square miles covered with

baseball sized hail, we had no injuries, and only unavoidable property damage.

Yes, my car flies Skywarn signage, and flashing lights. At the request of the county EOC director.

I also carry an ID that extends his authority through me, so I can get past police roadblocks in an emergency, and be on the street during snow emergencies. We routinely carry patients to the hospital for dialysis and deliver urgently needed prescriptions during heavy snowstorms. This could be done by ambulances, but we free them up to make more serious runs, that we can't handle.

We are very aware of the "cop wannabee" problem, and if we ever see it happening, we will step on it fast.

As for literate, I'll let my movers answer that one. I had enough books in my last move to double the packing time from their original estimate.

> If they were **really** interested in "Public service", how about
> volunteering at the library, local hospital, animal shelter or soup
> kitchen? Oh, no one to "boss around" there. Couldn't "look cool"
> with that 8 pound brick on your belt. Sorry, should have known.

Not interested in "bossing anyone around", and I don't "look cool" with or without a radio.

When I lived in rural california, within a month of moving into town, I had signed up for the fire department. This is an unpaid, totally uncompensated position, that requires many hours of training, and many many interruptions at any hour of the day or night. Most of our calls were called out to freeway accidents, so it wasn't even helping anyone we knew, or were ever likely to see again. I did take a certain amount of pride in being a fireman, who wouldn't? The interesting thing is, I was just as happy to be in doing equipment checks or cleaning hoses as pulling people out of wrecked cars, or putting out fires. It also taught me a lot about myself, like that I make a better follower than a leader. Funny thing is, when I realized that, I expected to be disappointed somehow, but I wasn't. I'm prefectly happy not to be in charge.

When I first got my licence, I lived in Anaheim Ca, and belonged to a group of hams who were also amateur seismologists. (comes with the territory, literally) Don't laugh, when a quake occurred, the news media and city officials went to us first to find out what was happening, then to Cal tech for the official (but somewhat delayed) story. The watershed event for this was in the simi valley quake, we had the center of damage pegged properly, but epicenter determinations from caltech sent all the emergency equipment into an area where there was very little damage. This is where the city governments learned the difference between the epicenter and the hypocenter, and that seismometers can't find the hypocenter in any

useful sense. With our many observers all over the area, we could pin the damage center very quickly, usually in just a couple of minutes. It was very similar in effect to Skywarn here in the midwest. The NWS radars are fine, but they don't cover as well as you think, they have a six minute delay, and they can't tell you what's happening nearly as well as a trained observer at the site.

Am I a typical ham? I don't know. I guess I'd like to think so.

What public service have you done lately?

-----BEGIN PGP SIGNATURE-----
Version: PGPfreeware 6.5.2 for non-commercial use <http://www.pgp.com>

iQA/AwUBOUkwI4FlGDz1l6VWEQINTgCeODOdMi1doM5c7Gz/hFtPqSNV+4cAoJJU
3f7AbdY08TnKNqQX5W7lYqFV
=jFrD
-----END PGP SIGNATURE-----

1561. Re: How do you bulid?

Newsgroup: rec.radio.amateur.space
Date: 2000-06-15 00:00:00 UTC
From: Michael Lewis <Ferrari-550@worldnet.att.net>
Message-ID: <gG825.3089$C44.191303@bgtnsc05-news.ops.worldnet.att.net>
Source record: 9102

The weather radio has 3 ch. they are
162.55
162.475
162.40
also it has a switch for the antenna on is line the other is line
then for the channel it's a switch for rod and line
"Who Did you Expect?" <None@dontevntry.oro> wrote in message
news:8iaupknmj2@news.uky.edu...
> In article <POO15.1319$Uw3.90541@bgtnsc04-news.ops.worldnet.att.net>,
> Ferrari-550@worldnet.att.net says...
> >
> >I do have a weather radio with 3 ch. would that work I don't think it
would
> >I would need something bigger.
>
> IF you are really determined, you could probably
> retune it from the current 162MHz range down to
> 137MHz. But even if it had enough sensitivity,or
> if you added a good antenna, that radio was designed
> for a voice, narrow band FM signal. You could
> certainly hear a wx sat, or if you tune it to
> the 145MHz range you could hear some of the low
> earth orbiting ham sats. But it would be a real
> nightmare.
> A real scanner is a much better starting point.
> With one, you can at least be certain of what
> frequency you are tuned to and with out that
> it is a gamble. My first WX Sat radio was an
> old McMArtin "Muzak" receiver. But it was not
> worht all the time and effort it took.
> Had I gone out and collected soda cans from
> the raodside, and sold them for scrap,
> at pennies on the pound, I would have be time
> ahead. OF course it was very educational!...
> Good luck
>

1562. Re: Inline preamp for Arrow handheld antenna

Newsgroup: rec.radio.amateur.space
Date: 2000-06-15 00:00:00 UTC
From: Peter Hodgson <va3pkh@rac.ca>
Message-ID: <39491DCB.8448814@rac.ca>
Source record: 9103

Hi Bob

I just use an Arrow and headphones, but take a look here for good info :
http://members.aol.com/dquagliana/beginner.html

73

Peter
VA3PKH
kf6tbn@my-deja.com wrote:
>
> I've been trying to work AO-27 and UO-14 with the Arrow and an FT-51R.
> I find that I can hear UO-14 great, even full quieting under good
> conditions, but AO-27 is always noisy and frequently almost unreadable.
>
> I'm wondering if a preamp would help, and I'm hoping somebody makes a
> small one that will fit inline, at the 430 connection on the Arrow.
>
> Any suggestions are appreciated.
>
> Thanks,
> Bob Armstrong
> KF6TBN
>
> Sent via Deja.com http://www.deja.com/
> Before you buy.

1563. Re: Amateurs must be stupid if ham radio is to survive.

Newsgroup: rec.radio.amateur.space
Date: 2000-06-15 00:00:00 UTC
From: "David J. Windisch" <davidw@copper.net>
Message-ID: <Ci925.110$7g5.1003@newsfeed.slurp.net>
Source record: 9104
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.policy,rec.radio.amateur.space

Oops. I apologize to one and all of the *unintended* addressees, in some return posts I made, which were meant to be offensive to the *intended* addressees.

K3BHJ

1564. Re: How do you bulid?

Newsgroup: rec.radio.amateur.space
Date: 2000-06-15 00:00:00 UTC
From: None@dontevntry.oro
Message-ID: <8ibbkf$8v1$1@news.uky.edu>
Source record: 9105

In article <gG825.3089$C44.191303@bgtnsc05-news.ops.worldnet.att.net>,
Ferrari-550@worldnet.att.net says...
>
>The weather radio has 3 ch. they are
>162.55
>162.475
>162.40
>also it has a switch for the antenna on is line the other is line
I am assuming that you are the USA.
If so then you CB is almost certainly an AM/SSB radio.
It opereates areound 27MHz. WX satellites are FM.
While I am sure that someone could retune/redesign/rebuild
an AM/SSB SC to receive 137MHZ, as Bob Dylan said "It ai'nt
me babe".
You might want to lurk in the rec.radio.scanner use group for a while.
There are some very good [and very bad] posts there.
Bob Parnes rotuinly runs a "intro to scanning" piece that is
very informative.
I would also suggest that you might want to study for a ham license.
To get one you need to learn things that will help explain why what you
want to do is better done other ways. this is not meant as a flame or put
down, but I am afraid trying to explain "how to" in this limited
forem is only going to confuse and frustate you.
Radio is a lot of fun, but to go very far you have to learn some odd
and bizare technical "Stuff". IT is well worth the effort and like I
said, radio is FUN.
Good luck.

1565. Re: Amateurs must let go if ham radio is to survive.

Newsgroup: rec.radio.amateur.space
Date: 2000-06-15 00:00:00 UTC
From: "Mark E. Levy" <mark@FSI.NET>
Message-ID: <39493545.11B85EC6@FSI.NET>
Source record: 9106
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

With an address of "HotPrsut" one would assume that you're referring to yourself. However, since you chose to address your sweeping generalization to my posting, I'll reply to it.

It just so happens that the fire chief of the community for which I provide communications assistance, was involved in hurricane Andrew. He saw the value of having ham radio assistance during emergencies and has had the participation of amateur radio volunteers written into the village's disaster plan. The local police and fire dept. personnel welcome our assistance and we have access to their frequencies as well as certain facilities that are not open to the public.

There are 8 of us in the group, and none fit your generalization. Many are professionals, and some, like myself, own our own companies.

In the future, you may want to refrain from describing yourself when you really mean to slam someone else.

HotPrsut@uiuc.edu wrote:
>
> Interesting that so many of the newer Hams continue to tout the "Public service"
> aspect. My experience with this group is that they are generally fat, lazy,
> often semi-literate, "cop wannabes". Most have never been in any position of
> authority nor exercise any sort of control over their lives. This frustrates
> them. They see "Public service" as a chance to carry a radio on their belt and
> be "important".
>
> While the professional officers always warn these folks to leave the policing to
> them, invariably, these cop-wannabes take matters into their own hands,
> ultimately botching the situation and giving Amateur Radio yet another "black
> eye".
>
> If they were **really** interested in "Public service", how about volunteering
> at the library, local hospital, animal shelter or soup kitchen? Oh, no one to
> "boss around" there. Couldn't "look cool" with that 8 pound brick on your belt.
> Sorry, should have known.
>
> Or, so it seems to me.
>
> In article <3947E3E2.6569519F@FSI.NET>, "Mark says...
> >
> >Let's get real here. I got my ticket primarily for the public-service
> >aspect of ham radio. I'm not interested in cw nor am I interested in
> >contesting. The concept of spending umpteen thousands of dollars and

> >countless hours just to get a signal report from someone in Zimbabwe is
> >ridiculous as far as I'm concerned. I am *NOT* knocking those persuits
> >for those who do like them; it's just not for me.
> >
> >That said, I hold a no-code tech license. If it were necessary for me
> >to learn 5wpm cw to get _any_ ham ticket, I would not have bothered, and
> >instead I would probably have looked at REACT. I'm sure some of the old
> >farts reading this are probably thinking that would be better, however
> >let's remember that first and foremost, public service is what ham radio
> >is about and it's why the FCC doesn't just go and grab all the bands for
> >commercial purposes.
> >
> >Ham radio has to keep up with the times. During it's heyday, if one
> >wanted to be involved with electronics and communicate over vast
> >distances, ham radio was the only way to go. Contacting someone in
> >Zimbabwe was considered a "big deal" then. Now, with cheap long
> >distance and the Internet, the public is no longer impressed, and may,
> >in fact, think that anyone who would go to such trouble instead of just
> >picking up a phone is foolish.
> >
> >If you insist on making the entrance and renewal requirements of ham
> >radio more difficult, there will soon be no new hams. All you have to
> >do is look at the average age of the ham radio population to see that is
> >exactly what's happening. It may already be too late to change that.
> >
> >W6RCecilA wrote:
> >>
> >> Wouff Hong wrote:
> >> > Step 1: No more automatic renewals. Individuals must retest and
> >> > pass all elements required for their license class.
> >> >
> >> > Step 2: The passing score for written exams should be 90%.
> >>
> >> There's a grain of a good idea in there. Retest every ham
> >> every ten years and increase the passing grade requirement
> >> one percentage point for every year he has been a ham until
> >> he is required to score 100% after being a ham for 30 years.
> >> --
> >> 73, Cecil, W6RCA http://www.mindspring.com/~w6rca
> >
> >--
> >--
> >Mark E. Levy, President
> >FSINet, Inc.
> >800-827-6085 x202
> >847-753-6832 fax
> >www.fsi.net
> >mark@fsi.net
> >--

--

Mark E. Levy, President
FSINet, Inc.
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www.fsi.net
mark@fsi.net

1566. Re: Amateurs must let go if ham radio is to survive.

Newsgroup: rec.radio.amateur.space
Date: 2000-06-15 00:00:00 UTC
From: Ron LaPedis <Ron_member@newsguy.com>
Message-ID: <8ibdg4$1kuo@edrn.newsguy.com>
Source record: 9107
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Or you could do what I am doing: Teaching Tech licensing classes to bring new hams on board. Some places to try: Boy/girl scouts, schools, local 'adult' education, recreation centers. If you really have the need you can wear your radio on your belt and boss your students around ;-)

73's all,
N6QGK (@arrl.org)

In article <8iarc2$ebm@edrn.newsguy.com>, HotPrsut@uiuc.edu says...
> <SNIP!>
>If they were **really** interested in "Public service", how about volunteering
>at the library, local hospital, animal shelter or soup kitchen? Oh, no one to
>"boss around" there. Couldn't "look cool" with that 8 pound brick on your belt.

1567. Re: How do you bulid?

Newsgroup: rec.radio.amateur.space
Date: 2000-06-15 00:00:00 UTC
From: Michael Lewis <Ferrari-550@worldnet.att.net>
Message-ID: <8Ib25.3427$C44.201361@bgtnsc05-news.ops.worldnet.att.net>
Source record: 9108

ok thanks :)
"Who Did you Expect?" <None@dontevntry.oro> wrote in message
news:8ibbkf$8v1$1@news.uky.edu...
> In article <gG825.3089$C44.191303@bgtnsc05-news.ops.worldnet.att.net>,
> Ferrari-550@worldnet.att.net says...
> >
> >The weather radio has 3 ch. they are
> >162.55
> >162.475
> >162.40
> >also it has a switch for the antenna on is line the other is line
> I am assuming that you are the USA.
> If so then you CB is almost certainly an AM/SSB radio.
> It opereates areound 27MHz. WX satellites are FM.
> While I am sure that someone could retune/redesign/rebuild
> an AM/SSB SC to receive 137MHZ, as Bob Dylan said "It ai'nt
> me babe".
> You might want to lurk in the rec.radio.scanner use group for a while.
> There are some very good [and very bad] posts there.
> Bob Parnes rotuinly runs a "intro to scanning" piece that is
> very informative.
> I would also suggest that you might want to study for a ham license.
> To get one you need to learn things that will help explain why what you
> want to do is better done other ways. this is not meant as a flame or put
> down, but I am afraid trying to explain "how to" in this limited
> forem is only going to confuse and frustate you.
> Radio is a lot of fun, but to go very far you have to learn some odd
> and bizare technical "Stuff". IT is well worth the effort and like I
> said, radio is FUN.
> Good luck.
>

1568. Re: Anyone have a Satellite in "Hot-Standby"?

Newsgroup: rec.radio.amateur.space
Date: 2000-06-15 00:00:00 UTC
From: j.m.franke@larc.nasa.gov
Message-ID: <j.m.franke-1506001900430001@franke.larc.nasa.gov>
Source record: 9109

And you have to have an export license for the satellite.

John WA4WDL

In article <slrn8khh4c.fap.nomail@linux.pe1chl.ampr.org>,
nomail@rob.knoware.nl (Rob Janssen) wrote:

> Thomas Talley <talleyt@msn.com> wrote:
> >Boeing is about to launch a Delta III with just BALLAST!!!
>
> Of course you need to find someone who has confidence in the Delta III,
> and would trust his satellite on the third launch of it, after launch 1 and
> 2 both failed.
>
> And then, Boeing would have to be interested in launching that satellite
> instead of their ballast. So that satellite would have to bring them the
> same amount of data about the performance of their launcher, at the same
> risk to them. And it should not cost them much more to cover the
> integration of that satellite, and the change in orbit required for it.
>
> Remember even Ariane 5 has flown with ballast when Phase 3D was "available"
> as a possible launch candidate. It is not as simple as showing up on the
> doorstep with a box of hardware and the "please launch this instead of your
> block of steel" question...
>
> Rob
> --
> +----------------------------------+--------------------------------------+
> | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
> | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
> +----------------------------------+--------------------------------------+

1569. MIR-UHF

Newsgroup: rec.radio.amateur.space
Date: 2000-06-15 00:00:00 UTC
From: joel determan <jpdeterman@uswest.net>
Message-ID: <3Hf25.208$lY4.9823@news.uswest.net>
Source record: 9110

Any information on the UHF repeater aboard the MIR spacecraft, is it operational??

1570. Re: Amateurs must let go if ham radio is to survive.

Newsgroup: rec.radio.amateur.space
Date: 2000-06-15 00:00:00 UTC
From: "_ . _ . _ _ . _" <nsa@westcom.net>
Message-ID: <3949A022.4FB0A384@westcom.net>
Source record: 9111
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Ron LaPedis wrote:

> Or you could do what I am doing: Teaching Tech licensing classes to bring new
> hams on board. Some places to try: Boy/girl scouts, schools, local 'adult'
> education, recreation centers. N6QGK (@arrl.org)

Or you can teach them Morse Code so they
can become real hams!

1571. SO-35: ham services are cancelled until further notice

Newsgroup: rec.radio.amateur.space
Date: 2000-06-15 00:00:00 UTC
From: Agent I <I@theoffice.net>
Message-ID: <8ic70orpi1@grandprime.binc.net>
Source record: 9112

From the SO-35 Website:
Newsflash: Sunsat entered permanent sunlight a few days ago, leading to higher temperatures and more demanding control requirements. Sunsat will remain sunlit until November 2000. Experiments to ensure that it survives this testing period will continue for an undetermined time. An announcement will be made when the ham services are resumed. [June 13, 2000]
http://sunsat.ee.sun.ac.za/index.html

explains why I havn't heard it for a while.

- Carl
KB9UNG

1572. Re: Inline preamp for Arrow handheld antenna

Newsgroup: rec.radio.amateur.space
Date: 2000-06-15 00:00:00 UTC
From: Agent I <I@theoffice.net>
Message-ID: <8ic7p1$s0r$1@grandprime.binc.net>
Source record: 9113

I think MFJ makes one but i'm not sure.

-- Carl
KB9UNG

"It just goes to show you, it's always something. If it's not one thing
it's another."
- Gilda Radner as Roseanne Roseannadanna

http://www.mailbag.com/users/meteu/

Hams, take a look at my Ham Radio page.
SETI@Home users, check out my website to see my SETI@Home page. You can
even join my SETI group.
<kf6tbn@my-deja.com> wrote in message news:8i8jf5$9lg$1@nnrp1.deja.com...
> I've been trying to work AO-27 and UO-14 with the Arrow and an FT-51R.
> I find that I can hear UO-14 great, even full quieting under good
> conditions, but AO-27 is always noisy and frequently almost unreadable.
>
> I'm wondering if a preamp would help, and I'm hoping somebody makes a
> small one that will fit inline, at the 430 connection on the Arrow.
>
> Any suggestions are appreciated.
>
> Thanks,
> Bob Armstrong
> KF6TBN
>
>
> Sent via Deja.com http://www.deja.com/
> Before you buy.

1573. Anyone have a Satellite in "Hot-Standby"?

Newsgroup: rec.radio.amateur.space
Date: 2000-06-15 00:00:00 UTC
From: Thomas Talley <talleyt@msn.com>
Message-ID: <3oW15.24129$Y4.141691@typhoon2.san.rr.com>
Source record: 9192

Boeing is about to launch a Delta III with just BALLAST!!!

http://www.space.com/missionlaunches/launches/delta3_update_000614.html

Thomas KA9QPG

1574. Re: Amateurs must be stupid if ham radio is to survive.

Newsgroup: rec.radio.amateur.space
Date: 2000-06-15 00:00:00 UTC
From: jeffreyh@Hawaii.Edu
Message-ID: <8i9er4$4s8$1@news.hawaii.edu>
Source record: 9193
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

In article <39468319.8E05E201@FSI.NET>, Mark E. Levy <mark@FSI.NET> wrote:
>It's no wonder that you get hate mail when you start off calling people
>"stupid."

One wonders what kind of hate mail YOU get when you post comments
like this:

In article <39466780.F01B15F4@FSI.NET>, Mark E. Levy <mark@FSI.NET> wrote:
>Good. Get it reeeal hot, and then, shove it in your eye.
>Mark E. Levy N9RXF, President FSINet, Inc. 800-827-6085 x202
>847-753-6832 fax www.fsi.net mark@fsi.net

That doesn't say much for your company, Mark. What if prospective
customers do an internet search on you and see:

>Good. Get it reeeal hot, and then, shove it in your eye.

I sure wouldn't care to do business with a company president who
makes such hate-filled remarks, and would make sure others I know
avoid whatever it is you and your company does, if at all possible.

Jeff KH6O

1575. Re: Amateurs must be stupid if ham radio is to survive.

Newsgroup: rec.radio.amateur.space
Date: 2000-06-15 00:00:00 UTC
From: jeffreyh@Hawaii.Edu
Message-ID: <8i9fn7$5us$1@news.hawaii.edu>
Source record: 9194
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Mark Holden <msholden@ct2.nai.net> wrote:
>A reason ham radio is declining is learning the code, and putting together a
>station is hard work compared to the ease of buying a computer and joining
>an internet chat room.

That's fine if you don't mind being leashed. You're helplessly dependent upon untold billions of dollars of computer equipment belonging to thousands of corporation, interconnected by millions of miles of cable, staffed by thousands of workers putting in tens of thousands of man-hours per day to keep that incredibly complex system running.

Hams, on the other hand, have no such dependence. It's the *only* communications medium in which any two operators anywhere in the world can communicate without using government or commercial communication services. Those same two operators don't even need to purchase commercially-built radios -- they can build their equipment themselves.

BTW, the prediction that ham radio is dying is older than you are: In "...1922 many radio magazines which had catered to the transmitting amateur swung away from him, one even so far as to run an editorial ... prophesying the end of amateur radio." (From Fifty Years of ARRL.)

73, Jeff KH6O

1576. Re: sat-phone?

Newsgroup: rec.radio.amateur.space
Date: 2000-06-15 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8khdgj.q5l.nomail@linux.pe1chl.ampr.org>
Source record: 9195

Michael Lewis <Ferrari-550@worldnet.att.net> wrote:

>I don't want the Iridium's to go away!

Then you should have come forward with an operation plan and financing....

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

1577. Re: Amateurs must be stupid if ham radio is to survive.

Newsgroup: rec.radio.amateur.space
Date: 2000-06-15 00:00:00 UTC
From: horseshoestew@my-deja.com
Message-ID: <8iaulksr1@nnrp1.deja.com>
Source record: 9196
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

In article <Pine.BSI.4.10.10006142332500.19977-100000@u1.abs.net>,
YouGotMail <twright@u1.abs.net> wrote:
> On Tue, 13 Jun 2000, M. Schneider wrote:
>
> >
> > "inductive reactance" <type_email@here.org> wrote in message
> > news:skcnqv81h5156@corp.supernews.com...
> > > Tnx arrl, Tnx fcc, Ham radio is much harder now... harder to find
an
> > > intelligent person to have a qso with.
> > >
> > > To increase numbers we need lower standards to survive.
> > > snip
> >
> > You mean, like allowing people who don't sign their postings,
use "handles"
> > like "inductive reactance" instead of real names and use fake email
> > addresses to become Hams?
> >
> > Mark K5MAR
> >
>
> And what makes me mad is all the cross posting.
>
> Sheesh folks lets keep our complaints in our own NG's/

Yep. everyone SHOULD have been FLAMING inductive reactance for his
cross-posted, non-id'd troll. BUT NO!

It is too late now, as the Genie is already out of the bottle; but,
I'd like to point out what side of the arguments the original cross-
posting, non-id'd, pro-coder troll is on. Ignorant fools.

> Tim KD4OVM

Stewart - N0MHS

Sent via Deja.com http://www.deja.com/
Before you buy.

1578. Re: Amateurs must let go if ham radio is to survive.

Newsgroup: rec.radio.amateur.space
Date: 2000-06-15 00:00:00 UTC
From: HotPrsut@uiuc.edu
Message-ID: <8iarc2$ebm@edrn.newsguy.com>
Source record: 9197
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Interesting that so many of the newer Hams continue to tout the "Public service" aspect. My experience with this group is that they are generally fat, lazy, often semi-literate, "cop wannabes". Most have never been in any position of authority nor exercise any sort of control over their lives. This frustrates them. They see "Public service" as a chance to carry a radio on their belt and be "important".

While the professional officers always warn these folks to leave the policing to them, invariably, these cop-wannabes take matters into their own hands, ultimately botching the situation and giving Amateur Radio yet another "black eye".

If they were **really** interested in "Public service", how about volunteering at the library, local hospital, animal shelter or soup kitchen? Oh, no one to "boss around" there. Couldn't "look cool" with that 8 pound brick on your belt. Sorry, should have known.

Or, so it seems to me.

In article <3947E3E2.6569519F@FSI.NET>, "Mark says...
>
>Let's get real here. I got my ticket primarily for the public-service
>aspect of ham radio. I'm not interested in cw nor am I interested in
>contesting. The concept of spending umpteen thousands of dollars and
>countless hours just to get a signal report from someone in Zimbabwe is
>ridiculous as far as I'm concerned. I am *NOT* knocking those persuits
>for those who do like them; it's just not for me.
>
>That said, I hold a no-code tech license. If it were necessary for me
>to learn 5wpm cw to get _any_ ham ticket, I would not have bothered, and
>instead I would probably have looked at REACT. I'm sure some of the old
>farts reading this are probably thinking that would be better, however
>let's remember that first and foremost, public service is what ham radio
>is about and it's why the FCC doesn't just go and grab all the bands for
>commercial purposes.
>
>Ham radio has to keep up with the times. During it's heyday, if one
>wanted to be involved with electronics and communicate over vast
>distances, ham radio was the only way to go. Contacting someone in
>Zimbabwe was considered a "big deal" then. Now, with cheap long
>distance and the Internet, the public is no longer impressed, and may,
>in fact, think that anyone who would go to such trouble instead of just
>picking up a phone is foolish.
>

>If you insist on making the entrance and renewal requirements of ham
>radio more difficult, there will soon be no new hams. All you have to
>do is look at the average age of the ham radio population to see that is
>exactly what's happening. It may already be too late to change that.
>
>W6RCecilA wrote:
>>
>> Wouff Hong wrote:
>> > Step 1: No more automatic renewals. Individuals must retest and
>> > pass all elements required for their license class.
>> >
>> > Step 2: The passing score for written exams should be 90%.
>>
>> There's a grain of a good idea in there. Retest every ham
>> every ten years and increase the passing grade requirement
>> one percentage point for every year he has been a ham until
>> he is required to score 100% after being a ham for 30 years.
>> --
>> 73, Cecil, W6RCA http://www.mindspring.com/~w6rca
>
>--
>--
>Mark E. Levy, President
>FSINet, Inc.
>800-827-6085 x202
>847-753-6832 fax
>www.fsi.net
>mark@fsi.net
>--

1579. Re: How do you bulid?

Newsgroup: rec.radio.amateur.space
Date: 2000-06-15 00:00:00 UTC
From: None@dontevntry.oro
Message-ID: <8iaupknmj2@news.uky.edu>
Source record: 9198

In article <POO15.1319$Uw3.90541@bgtnsc04-news.ops.worldnet.att.net>,
Ferrari-550@worldnet.att.net says...
>
>I do have a weather radio with 3 ch. would that work I don't think it would
>I would need something bigger.

IF you are really determined, you could probably
retune it from the current 162MHz range down to
137MHz. But even if it had enough sensitivity,or
if you added a good antenna, that radio was designed
for a voice, narrow band FM signal. You could
certainly hear a wx sat, or if you tune it to
the 145MHz range you could hear some of the low
earth orbiting ham sats. But it would be a real
nightmare.
A real scanner is a much better starting point.
With one, you can at least be certain of what
frequency you are tuned to and with out that
it is a gamble. My first WX Sat radio was an
old McMArtin "Muzak" receiver. But it was not
worht all the time and effort it took.
Had I gone out and collected soda cans from
the raodside, and sold them for scrap,
at pennies on the pound, I would have be time
ahead. OF course it was very educational!...
Good luck

1580. Re: Amateurs must be stupid if ham radio is to survive.

Newsgroup: rec.radio.amateur.space
Date: 2000-06-16 00:00:00 UTC
From: jeffreyh@Hawaii.Edu
Message-ID: <8ibtd3$c8m$1@news.hawaii.edu>
Source record: 9114
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

In article <8i6q04$v32$1@nnrp1.deja.com>, <horseshoestew@my-deja.com> wrote:
>That is pretty good Old Biker. But it doesn't go far enough, as Latin
>actually has some utility. I suggest we go with Celtic, as it is MORE
>like "Morris" code in that it has absolutely NO utility in today's
>world.

Still haven't gotten an HF receiver yet?

Let's have a contest: You build a Celtic transmitter, and I'll
build a CW transmitter. Who ever gets on their air first and
is able to get 1000 QSOs is the winner.

>Stewart - N0MHS/AG

You're welcome (for the handout).

73, Jeff KH6O

1581. Re: MIR-UHF

Newsgroup: rec.radio.amateur.space
Date: 2000-06-16 00:00:00 UTC
From: TomR@astro.net
Message-ID: <39498f04.1868680@news.idsi.net>
Source record: 9115

On Thu, 15 Jun 2000 18:46:23 -0700, " joel determan"
<jpdeterman@uswest.net> wrote:

>Any information on the UHF repeater aboard the MIR spacecraft, is it
>operational??

Hasn't been on in a while now. Moot point considering the crew
landed back on Earth a few hours ago. Mir is again unmanned until near
the end of the year....

73,
Tom - KB2SMS

1582. Re: Amateurs must be stupid if ham radio is to survive.

Newsgroup: rec.radio.amateur.space
Date: 2000-06-16 00:00:00 UTC
From: tlbryant@my-deja.com
Message-ID: <8ic4t301gt5@enews3.newsguy.com>
Source record: 9116
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

In article <8ibtd3$c8m$1@news.hawaii.edu>, jeffreyh@Hawaii.Edu says...
>
>In article <8i6q04$v32$1@nnrp1.deja.com>, <horseshoestew@my-deja.com> wrote:
>>That is pretty good Old Biker. But it doesn't go far enough, as Latin
>>actually has some utility. I suggest we go with Celtic, as it is MORE
>>like "Morris" code in that it has absolutely NO utility in today's
>>world.
>
>Still haven't gotten an HF receiver yet?
>
>Let's have a contest: You build a Celtic transmitter, and I'll
>build a CW transmitter. Who ever gets on their air first and
>is able to get 1000 QSOs is the winner.
>
>>Stewart - N0MHS/AG
>
>You're welcome (for the handout).
>
>73, Jeff KH6O

Methinks thou does not know sarcasm when thou hears it.

Tom - N8ECW

1583. Re: MIR-UHF

Newsgroup: rec.radio.amateur.space
Date: 2000-06-16 00:00:00 UTC
From: Michael Lewis <Ferrari-550@worldnet.att.net>
Message-ID: <nOj25.4254$Uw3.255222@bgtnsc04-news.ops.worldnet.att.net>
Source record: 9117

So Mir is in space by it's self?
<TomR@astro.net> wrote in message news:39498f04.1868680@news.idsi.net...
> On Thu, 15 Jun 2000 18:46:23 -0700, " joel determan"
> <jpdeterman@uswest.net> wrote:
>
> >Any information on the UHF repeater aboard the MIR spacecraft, is it
> >operational??
>
> Hasn't been on in a while now. Moot point considering the crew
> landed back on Earth a few hours ago. Mir is again unmanned until near
> the end of the year....
>
> 73,
> Tom - KB2SMS
>
>

1584. Re: MIR-UHF

Newsgroup: rec.radio.amateur.space
Date: 2000-06-16 00:00:00 UTC
From: Michael Lewis <Ferrari-550@worldnet.att.net>
Message-ID: <NOj25.4255$Uw3.255492@bgtnsc04-news.ops.worldnet.att.net>
Source record: 9118

Why do they leave it and then come back later in the year?
<TomR@astro.net> wrote in message news:39498f04.1868680@news.idsi.net...
> On Thu, 15 Jun 2000 18:46:23 -0700, " joel determan"
> <jpdeterman@uswest.net> wrote:
>
> >Any information on the UHF repeater aboard the MIR spacecraft, is it
> >operational??
>
> Hasn't been on in a while now. Moot point considering the crew
> landed back on Earth a few hours ago. Mir is again unmanned until near
> the end of the year....
>
> 73,
> Tom - KB2SMS
>
>

1585. Re: MIR-UHF

Newsgroup: rec.radio.amateur.space
Date: 2000-06-16 00:00:00 UTC
From: TomR@astro.net
Message-ID: <394a17c8.36885788@news.idsi.net>
Source record: 9119

On Fri, 16 Jun 2000 06:28:35 GMT, "Michael Lewis"
<Ferrari-550@worldnet.att.net> wrote:

>So Mir is in space by it's self?

Yes, once again no one is home on Mir. They landed back on Earth at
8:44pm ET Thursday evening.

Tom - KB2SMS

><TomR@astro.net> wrote in message news:39498f04.1868680@news.idsi.net...
>> On Thu, 15 Jun 2000 18:46:23 -0700, " joel determan"
>> <jpdeterman@uswest.net> wrote:
>>
>> >Any information on the UHF repeater aboard the MIR spacecraft, is it
>> >operational??
>>
>> Hasn't been on in a while now. Moot point considering the crew
>> landed back on Earth a few hours ago. Mir is again unmanned until near
>> the end of the year....
>>
>> 73,
>> Tom - KB2SMS
>>
>>
>
>

1586. Re: MIR-UHF

Newsgroup: rec.radio.amateur.space
Date: 2000-06-16 00:00:00 UTC
From: TomR@astro.net
Message-ID: <394a1806.36947302@news.idsi.net>
Source record: 9120

On Fri, 16 Jun 2000 06:29:01 GMT, "Michael Lewis"
<Ferrari-550@worldnet.att.net> wrote:

>Why do they leave it and then come back later in the year?

The Russians are having a VERY hard time with finances. They simply
can't afford to keep a crew up for very long.

Tom - KB2SMS

><TomR@astro.net> wrote in message news:39498f04.1868680@news.idsi.net...
>> On Thu, 15 Jun 2000 18:46:23 -0700, " joel determan"
>> <jpdeterman@uswest.net> wrote:
>>
>> >Any information on the UHF repeater aboard the MIR spacecraft, is it
>> >operational??
>>
>> Hasn't been on in a while now. Moot point considering the crew
>> landed back on Earth a few hours ago. Mir is again unmanned until near
>> the end of the year....
>>
>> 73,
>> Tom - KB2SMS
>>
>>
>
>

1587. Re: MIR-UHF

Newsgroup: rec.radio.amateur.space
Date: 2000-06-16 00:00:00 UTC
From: Will Marchant <kc6rol@amsat.org>
Message-ID: <394A1874.5D119388@amsat.org>
Source record: 9121

You can always get the latest status on all the hamsats by going to
http://www.amsat.org/amsat/news/ans.html

joel determan wrote:
>
> Any information on the UHF repeater aboard the MIR spacecraft, is it
> operational??

--
Will Marchant
marchant@ssl.berkeley.edu http://chips.ssl.berkeley.edu/
marchant@acm.org http://www.citizen.infi.net/~wmarchan/

1588. Re: Amateurs must be stupid if ham radio is to survive.

Newsgroup: rec.radio.amateur.space
Date: 2000-06-16 00:00:00 UTC
From: vlfiscus@mcn.net
Message-ID: <skkib9jkis462@corp.supernews.com>
Source record: 9122
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Pappy@sgi.netski wrote in <3947E041.73D2BE97@sgi.netski>:

>If your looking for the FCC to eliminate amateur radio licensing forget
>it. The hams across this great nation and world will not allow it to
>happen.

Yes, but the ARRL BoD would.

kb7adl

1589. Re: Amateurs must be stupid if ham radio is to survive.

Newsgroup: rec.radio.amateur.space
Date: 2000-06-16 00:00:00 UTC
From: horseshoestew@my-deja.com
Message-ID: <8ido8sst1@nnrp1.deja.com>
Source record: 9123
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

In article <8ibtd3$c8m$1@news.hawaii.edu>,
jeffreyh@Hawaii.Edu (Jeffrey Herman) wrote:

> Still haven't gotten an HF receiver yet?

Maybe next year, I'll think about getting an HF xcvr.

> Let's have a contest: You build a Celtic transmitter, and I'll
> build a CW transmitter. Who ever gets on their air first and
> is able to get 1000 QSOs is the winner.

Ah, but remember, it was a hypothetical situation. If the rules
actually stated that you had to transmit in Celtic and Gaelic - then
there might actually be people transmitting in Celtic and Gaelic.

But I accept your point - CW does actually have utility, whereas Celtic
does not(anymore, at least)

Hey Jeff - you are always into arcane stuff like CW, sailing, and the
breast stroke - I bet you know some Latin too.

> >Stewart - N0MHS/AG
>
> You're welcome (for the handout).

Thanks. I guess.

> 73, Jeff KH6O

Sent via Deja.com http://www.deja.com/
Before you buy.

1590. Who's using a Palm pilot for ham radio?

Newsgroup: rec.radio.amateur.space
Date: 2000-06-16 00:00:00 UTC
From: TomR@astro.net
Message-ID: <394a85df.65072643@news.idsi.net>
Source record: 9124

Hi gang,
I'm getting a Palm pilot IIIxe soon and was wondering if any of
you folks are using a palm for packet or any other ham radio use. If
so, what programs and where can I find them?

All replies appreciated!

73,
Tom - KB2SMS

1591. Re: Anyone have a Satellite in "Hot-Standby"?

Newsgroup: rec.radio.amateur.space
Date: 2000-06-16 00:00:00 UTC
From: "R.L. Tannehill, P.E." <rickw7rt@mail.firstinter.net>
Message-ID: <394A9F59.7454@mail.firstinter.net>
Source record: 9125

Thomas Talley wrote:
>
> Boeing is about to launch a Delta III with just BALLAST!!!
>
> http://www.space.com/missionlaunches/launches/delta3_update_000614.html
>
> Thomas KA9QPG

I believe that awhile back, McDonnel-Douglass-Boeing declined an AMSAT request to launch a sat during their Delta III test program. Go figure.
Rick T.
W7RT

1592. 2340H operators manual

Newsgroup: rec.radio.amateur.space
Date: 2000-06-16 00:00:00 UTC
From: Rob Hull <rhka0fbj@winco.net>
Message-ID: <8iev8n$uk5$1@news3.infoave.net>
Source record: 9126
Cross-posted to:
rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.space,rec.radio.swap

I have a used rig and no instruction book can anyone help me with either an original or a copy.
Thanks
Rob.

1593. Re: Who's using a Palm pilot for ham radio?

Newsgroup: rec.radio.amateur.space
Date: 2000-06-17 00:00:00 UTC
From: konstans@oneleven.net
Message-ID: <394ad64f.106143604@nntp.one-eleven.net>
Source record: 9127

On Fri, 16 Jun 2000 19:54:23 GMT, TomR@astro.net wrote:

>Hi gang,
> I'm getting a Palm pilot IIIxe soon and was wondering if any of
>you folks are using a palm for packet or any other ham radio use. If
>so, what programs and where can I find them?

Starting here not so much for packet though I could but APRS and some
Sattracking stuff

APRS
www.pocketaprs.com (or is it org or net?)

Sat traking www.palmgear.com search for Sattracking and acouple of
enties will show up can't coment on them personaly yet but soon
>
>All replies appreciated!
>
>73,
>Tom - KB2SMS

1594. Re: Who's using a Palm pilot for ham radio?

Newsgroup: rec.radio.amateur.space
Date: 2000-06-17 00:00:00 UTC
From: Tom Stiles <hamrad45@hotmail.com>
Message-ID: <yNJ25.26$J3.15269@news1.atlantic.net>
Source record: 9128

I use an excellent program for tracking satellites called PocketSat for the
Palm Pilot. It is amazing what the program can do. I bought my PP just so
I could use this program when I am away from my desktop.

Tom Stiles

--
Tom Stiles
Mark Morgan <konstans@oneleven.net> wrote in message
news:394ad64f.106143604@nntp.one-eleven.net...
> On Fri, 16 Jun 2000 19:54:23 GMT, TomR@astro.net wrote:
>
> >Hi gang,
> > I'm getting a Palm pilot IIIxe soon and was wondering if any of
> >you folks are using a palm for packet or any other ham radio use. If
> >so, what programs and where can I find them?
>
> Starting here not so much for packet though I could but APRS and some
> Sattracking stuff
>
> APRS
> www.pocketaprs.com (or is it org or net?)
>
> Sat traking www.palmgear.com search for Sattracking and acouple of
> enties will show up can't coment on them personaly yet but soon
> >
> >All replies appreciated!
> >
> >73,
> >Tom - KB2SMS
>

1595. Re: Who's using a Palm pilot for ham radio?

Newsgroup: rec.radio.amateur.space
Date: 2000-06-17 00:00:00 UTC
From: TomR@astro.net
Message-ID: <394b69e6.868928@news.idsi.net>
Source record: 9129

On Sat, 17 Jun 2000 08:12:36 -0400, "Tom Stiles"
<hamrad45@hotmail.com> wrote:

>I use an excellent program for tracking satellites called PocketSat for the
>Palm Pilot. It is amazing what the program can do. I bought my PP just so
>I could use this program when I am away from my desktop.
>
>Tom Stiles

Hi Tom,
Yup, found that program yesterday and got it. Waiting for the Palm
to be shipped, you can't find a Palm 3xe anywhere!

73,
Tom - KB2SMS

>--
>Tom Stiles
>Mark Morgan <konstans@oneleven.net> wrote in message
>news:394ad64f.106143604@nntp.one-eleven.net...
>> On Fri, 16 Jun 2000 19:54:23 GMT, TomR@astro.net wrote:
>>
>> >Hi gang,
>> > I'm getting a Palm pilot IIIxe soon and was wondering if any of
>> >you folks are using a palm for packet or any other ham radio use. If
>> >so, what programs and where can I find them?
>>
>> Starting here not so much for packet though I could but APRS and some
>> Sattracking stuff
>>
>> APRS
>> www.pocketaprs.com (or is it org or net?)
>>
>> Sat traking www.palmgear.com search for Sattracking and acouple of
>> enties will show up can't coment on them personaly yet but soon
>> >
>> >All replies appreciated!
>> >
>> >73,
>> >Tom - KB2SMS
>>
>>
>

1596. Re: Who's using a Palm pilot for ham radio?

Newsgroup: rec.radio.amateur.space
Date: 2000-06-17 00:00:00 UTC
From: TomR@astro.net
Message-ID: <394b6a37.949037@news.idsi.net>
Source record: 9130

Thanks much for the info!

73,
Tom - KB2SMS

On Sat, 17 Jun 2000 01:39:19 GMT, konstans@oneleven.net (Mark Morgan)
wrote:

>On Fri, 16 Jun 2000 19:54:23 GMT, TomR@astro.net wrote:
>
>>Hi gang,
>> I'm getting a Palm pilot IIIxe soon and was wondering if any of
>>you folks are using a palm for packet or any other ham radio use. If
>>so, what programs and where can I find them?
>
>Starting here not so much for packet though I could but APRS and some
>Sattracking stuff
>
>APRS
>www.pocketaprs.com (or is it org or net?)
>
>Sat traking www.palmgear.com search for Sattracking and acouple of
>enties will show up can't coment on them personaly yet but soon
>>
>>All replies appreciated!
>>
>>73,
>>Tom - KB2SMS
>

1597. RS 13/15 and VK/ZL activity

Newsgroup: rec.radio.amateur.space
Date: 2000-06-17 00:00:00 UTC
From: Cynicus <cynicus@optusnet.com.au>
Message-ID: <394b7e72$0$17019$7f31c96c@news01.syd.optusnet.com.au>
Source record: 9131

Hi all,

I have not heard any VK or ZL activity on RS 13 or 15 for ages, despite the beacons being quite strong. RS 13 is still sending Q5 telemetry and lifting the s-meter at this qth.

Must admit I am not a regular listener, but I have not heard a terrestrial station on these birds for a couple of years.

Late of last month, North American stations have been reported as being active on these satellites. So what is it with the South Pacific?

Cynicus.

1598. Re: Amateurs must let go if ham radio is to survive.

Newsgroup: rec.radio.amateur.space
Date: 2000-06-17 00:00:00 UTC
From: tlbryant@my-deja.com
Message-ID: <8igohg0lfe@enews3.newsguy.com>
Source record: 9132
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

In article <3949A022.4FB0A384@westcom.net>, nsa@westcom.net says...
>
>
>
>Ron LaPedis wrote:
>
>> Or you could do what I am doing: Teaching Tech licensing classes to bring
new
>> hams on board. Some places to try: Boy/girl scouts, schools, local 'adult'
>> education, recreation centers. N6QGK (@arrl.org)
>
>Or you can teach them Morse Code so they
>can become real hams!

Another sufferer of tunnel vision, stuck in the past.

Tom - N8ECW

1599. Quadrifilar Helix Antenna ?

Newsgroup: rec.radio.amateur.space
Date: 2000-06-17 00:00:00 UTC
From: csmolinski@erols.com
Message-ID: <csmolinski-ya02408000R1706001759450001@news.erols.com>
Source record: 9133

I'm considering building one for wxsat reception. Any comments from others who have used them? Do they work as well as claimed?

Chris

--
Black Cat Systems
http://www.blackcatsystems.com
Macintosh software - science, audio, health, amateur radio, and more.

1600. Accessing NOAA Satelite Images

Newsgroup: rec.radio.amateur.space
Date: 2000-06-18 00:00:00 UTC
From: David Findlay <nedz@bigpond.com>
Message-ID: <VBW25.2114$c5.6497@newsfeeds.bigpond.com>
Source record: 9134

Is it possible to download images from the NOAA satelites as they go over?

David Findlay

1601. Satellite tracking software question

Newsgroup: rec.radio.amateur.space
Date: 2000-06-18 00:00:00 UTC
From: "A. Bates" <tohliam44@hotmail.com>
Message-ID: <394C5341.497C5277@hotmail.com>
Source record: 9135

Hi Everyone,

I'm looking for a Windows 95 based software package that will give me a view of the sky directly over my position, and let me orient the program view overhead to my position on the ground. I like going out in the summer evening onto my patio, and I just want to be able to grab my laptop, go out back, look up and compare this view with whats on the laptop.

The more graphically interesting the better.

Any suggestions are appreciated, please email me directly if it's not to much trouble.

1602. Re: Quadrifilar Helix Antenna ?

Newsgroup: rec.radio.amateur.space
Date: 2000-06-18 00:00:00 UTC
From: Jim Jerzycke <kq6ea@pacbell.net>
Message-ID: <394C5470.C94F5D7E@pacbell.net>
Source record: 9136

Yes, they work VERY well. I'm in the process of finishing a 137 MHz "Egg-Beater II" based on dimensions from Jerry, K5OE. These have more gain on the horizon, and should be able to pick up low passes better. My QHA gets the wxsats from about 10-15 degrees, and I'm curious how much better the EggII is.
73, Jim

1603. Re: MIR-UHF

Newsgroup: rec.radio.amateur.space
Date: 2000-06-18 00:00:00 UTC
From: Jim Jerzycke <kq6ea@pacbell.net>
Message-ID: <394C55D8.ED292C8A@pacbell.net>
Source record: 9137

NO MONEY to run it. This trip was financed by private investors.

1604. Grid Hunters look here!

Newsgroup: rec.radio.amateur.space
Date: 2000-06-18 00:00:00 UTC
From: Agent I <I@theoffice.net>
Message-ID: <8ihklbpfp1@grandprime.binc.net>
Source record: 9138

I am going to be on the road in Grid EN54, EN55 & EN44 June 26-28. Here are my plans for operation;

6/26:
AO27 = 03:09z grid EN54
UO14 = 04:33z grid EN54
14:14z grid EN54
15:53z grid EN54
6/27:
AO27 = 03:11z grid EN54
UO14 = 04:04z grid EN55
AO27 = 04:51z grid EN44
UO14 = 15:23z grid EN55

6/28:
AO27 = 02:44z grid EN54
UO14 = 03:34z grid EN55
AO27 = 04:23z grid EN55
UO14 = 05:14z grid EN54

I will work QRP with an HT and an Arrow (beam) antenna. QSL cards will go out to any new contact I make. If I worked you before and you want a QSL for this contact you can email me to request one. I am always happy to send out a card.

-- Carl
KB9UNG

"It just goes to show you, it's always something. If it's not one thing it's another."
- Gilda Radner as Roseanne Roseannadanna

http://www.mailbag.com/users/meteu/

Hams, take a look at my Ham Radio page.
SETI@Home users, check out my website to see my SETI@Home page. You can even join my SETI group.

1605. Re: Accessing NOAA Satelite Images

Newsgroup: rec.radio.amateur.space
Date: 2000-06-18 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8kp4qq.ubo.nomail@linux.pe1chl.ampr.org>
Source record: 9139

David Findlay <nedz@bigpond.com> wrote:
>Is it possible to download images from the NOAA satelites as they go over?

It is the only way... these satellites transmit line by line as they go
over, and you capture part of an endless band of picture.
So, any picture you receive from these satellites will always include your
own location.

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

1606. Re: Amateurs must be stupid if ham radio is to survive.

Newsgroup: rec.radio.amateur.space
Date: 2000-06-18 00:00:00 UTC
From: Ralph Lindberg & Ellen Winnie <rlindber@kendaco.telebyte.com>
Message-ID: <rlindber-884E2D.08512918062000@[206.63.63.71]>
Source record: 9140
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

In article
<779757933F3DD40B.549113B14A049122.FB35E7BE8A7317D0@lp.airnews.net>,
"Not me" <@.> wrote:

> Well stupid, if you didn't know, posting your straight e-mail address on
> the internet is not a good thing.

Em... Actually it's real easy to use a 'real' address and -not- get
any SPAM, you just have to be smart, something you appear to lack.

--
Ralph Lindberg personal email n7bsn@amsat.org
RV and Camping FAQ http://kendaco.telebyte.com/rlindber/rv
If Windows is the answer I would really like to know what the question is

1607. Re: Quadrifilar Helix Antenna ?

Newsgroup: rec.radio.amateur.space
Date: 2000-06-18 00:00:00 UTC
From: Glenn
Message-ID: <Wg735.1111$%i3.12931@news.uswest.net>
Source record: 9141

Cris,
Made one from plans on the net using rg58 coax for the elements
and a piece of 4" drain pipe for the body and dowels for spreaders. Best use of scrap material this millenium! Pictures are so improved from a dipole and vertical I can't believe I waited so long to build one. Oh, to keep it cheap all parts were secured with hot glue! Made it through the Winter anyway.

Glenn

"Chris Smolinski" <csmolinski@erols.com> wrote in message
news:csmolinski-ya02408000R1706001759450001@news.erols.com...
> I'm considering building one for wxsat reception. Any comments from others
> who have used them? Do they work as well as claimed?
>
> Chris
>
> --
> Black Cat Systems
> http://www.blackcatsystems.com
> Macintosh software - science, audio, health, amateur radio, and more.

1608. Re: Amateurs must let go if ham radio is to survive.

Newsgroup: rec.radio.amateur.space
Date: 2000-06-18 00:00:00 UTC
From: Jim Allen <jmallen@altavista.net>
Message-ID: <8ij7c1$tc3$1@slb0.atl.mindspring.net>
Source record: 9142
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Obviously, you're correct. Of course, the ACS group *I* belong to has a bunch of cops(city/county/and state patrolmen and detectives), firefighters, EMT's, nurses and the occasional public utility guy like me; along with the retired schoolteachers, etc. Kinda blows away THAT theory.

I'd guess that the professionals have chased most of the wannabes away. The city/county/ state guys just keep asking us for more. No black eyes, sometimes a few sore muscles. I guess we no-codes and restructured HF'ers are doing THAT all wrong, too.

"...Fat, lazy,... " Hmmmmm, bunch of us were up "on the mountain" installing a new repeater/link system for most of the infamous "Black Saturday" (April 15, 2000). One of the cops and I were swaying in the breeze above the sight for 6.5 hours, hanging antennae and hardline. Fat, lazy, semiliterate people don't climb with me...but, then again, I became a professional (Land Mobile Radio) long before I became an Amateur.

Jimmy
KC7BDP
<HotPrsut@uiuc.edu> wrote in message news:8iarc2$ebm@edrn.newsguy.com...
> Interesting that so many of the newer Hams continue to tout the "Public service"
> aspect. My experience with this group is that they are generally fat, lazy,
> often semi-literate, "cop wannabes". Most have never been in any position of
> authority nor exercise any sort of control over their lives. This frustrates
> them. They see "Public service" as a chance to carry a radio on their belt and
> be "important".
>
> While the professional officers always warn these folks to leave the policing to
> them, invariably, these cop-wannabes take matters into their own hands,
> ultimately botching the situation and giving Amateur Radio yet another "black
> eye".
>
> If they were **really** interested in "Public service", how about volunteering
> at the library, local hospital, animal shelter or soup kitchen? Oh, no one to

> "boss around" there. Couldn't "look cool" with that 8 pound brick on your
belt.
> Sorry, should have known.
>
> Or, so it seems to me.
>

1609. Webersat-Oscar 18

Newsgroup: rec.radio.amateur.space
Date: 2000-06-18 00:00:00 UTC
From: clvancil@aol.com.de-spam
Message-ID: <20000618172457.06834.00002007@ng-cr1.aol.com>
Source record: 9143

I was wondering if anyone here knows any of the details on the modifications done to the CCD camera (Canon 610) flown on the Webersat-Oscar 18 satellite? If you could point me to the correct references this would be greatly appreciated?

Chris Vancil
Member NSS, The Mars Society and The Moon Society
http://hometown.aol.com/CLVANCIL/

1610. Re: Satellite tracking software question

Newsgroup: rec.radio.amateur.space
Date: 2000-06-18 00:00:00 UTC
From: EAVESDROPPER <IAN@EAVSDROPPER.DABSOL.CO.UK>
Message-ID: <Vx535.17741$zI.81043@stones>
Source record: 9144

A good one that did that in the older days was SKYCHART 2000 it was an astronomy prog that also tracked sats in real time using kep elements, most satellite tracking programmes do not give you much in the way of star observations and vice versa with astro software, only the more "top-end" ones seem to incorporate sat tracking aswell...unless of course someone out here knows different then please correct me

eavsdropper
A. Bates <tohliam44@hotmail.com> wrote in message
news:394C5341.497C5277@hotmail.com...
> Hi Everyone,
>
> I'm looking for a Windows 95 based software package that will give me a
> view of the sky directly over my position, and let me orient the program
> view overhead to my position on the ground. I like going out in the
> summer evening onto my patio, and I just want to be able to grab my
> laptop, go out back, look up and compare this view with whats on the
> laptop.
>
> The more graphically interesting the better.
>
> Any suggestions are appreciated, please email me directly if it's not to
> much trouble.
>

1611. Re: Accessing NOAA Satelite Images

Newsgroup: rec.radio.amateur.space
Date: 2000-06-18 00:00:00 UTC
From: EAVESDROPPER <IAN@EAVSDROPPER.DABSOL.CO.UK>
Message-ID: <Av535.17740$zI.80884@stones>
Source record: 9145

Yes !,

Ideally you require a radio that covers the 137mhz band in FM mode with at least a 30khz bandwidth facility, then you can download the wxsat decoding software to turn the sound into pictures (free) then lastly a satellite tracking programme (winorbit is a free one) to know where and when the sats are..do a search and read up on it...it's great when you get your first ever pic :-)

eavsdropper

David Findlay <nedz@bigpond.com> wrote in message
news:VBW25.2114$c5.6497@newsfeeds.bigpond.com...
> Is it possible to download images from the NOAA satelites as they go over?
>
> David Findlay
>
>

1612. Re: old dish ??'s

Newsgroup: rec.radio.amateur.space
Date: 2000-06-19 00:00:00 UTC
From: Jim Jerzycke <kq6ea@pacbell.net>
Message-ID: <394D7B5B.E053ADE5@pacbell.net>
Source record: 9049

Type of mode doesn't matter, an antenna doesn't care what it's
receiving.
These dishes have decent gain at S-Band and above, but you need to
fabricate a feed and suitable offset mounting for it. The original feed
was linear polarization, at Ku-Band, and isn't suitable for HamSat use.
73, Jim

1613. Re: Accessing NOAA Satelite Images

Newsgroup: rec.radio.amateur.space
Date: 2000-06-19 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8kroh3.mfp.nomail@linux.pe1chl.ampr.org>
Source record: 9050

David Findlay <nedz@bigpond.com> wrote:
>What form are the transmissions in and can you build a decoder?

The transmissions are on 137.xxx MHz in FM with a bandwidth of 30 kHz.
(this is a difficulty, as NBFM receivers are too narrow and WFM receivers
are too wide; you will need to put a different filter in an existing
receiver or build a dedicated one from scratch)

The demodulated audio has an audio tone which is again modulated by the
intensity signal while the image is scanned line-by-line by the satellite.
(actually there is no image; the satellite just scans the earth as it
orbits over it!)
Just plot this intensity signal line-by-line and you have an image.

You would normally not build a decoder anymore these days; software
decoders exist for an IBM PC with soundcard. In the past, hardware designs
and later microprocessor-based designs existed that store the signal in a
video memory and send out a TV signal. Before that, you would have used a
revolving drum with photographic paper wrapped around it, and plot the
lines on it using a light source modulated with the received signal.

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

1614. Re: Accessing NOAA Satelite Images

Newsgroup: rec.radio.amateur.space
Date: 2000-06-19 00:00:00 UTC
From: marsgal42@hotmail.com
Message-ID: <8ilihmoln1@nnrp1.deja.com>
Source record: 9051

In article <NHb35.2621$c5.7887@newsfeeds.bigpond.com>,
"David Findlay" <nedz@bigpond.com> wrote:

> What form are the transmissions in and can you build a decoder?

The format most people receive is APT (Automatic Picture Trans-
mission), documented in Taggart, and online at:

http://www2.ncdc.noaa.gov/docs/klm/html/c4/sec4-2.htm

Set a scanner to listen to 137.3, 137.5, 137.62 and 137.85 MHz.
You'll hear satellites when they go over - they're loud, and
intended to be heard. I have some sample audio (wav and mp3)
on my web page at:

http://www.qsl.net/va3ldh/wxsat.html

(va3ldh will be changing to ve7ldh in the near future)

While you can build a decoder (Taggart describes a good one),
why bother? It's far easier to do it in software (use an
available program like wxsat, or roll your own). Doing it in
software produces excellent pictures at very low cost.
What more do you want?

The RF side can take a bit of tinkering to get right. I built
a crossed-dipole antenna over the weekend and it works well
with my homebrew preamp and modified scanner.

HRPT (High Resolution Picture Transmission) is another matter
entirely - 1.7 GHz and 665.4 kbps.are the key numbers. Start
with APT...

Laura Halliday VE7LDH "Que les nuages soient notre pied
Grid: CN89mg a terre..." - Hospital/Shafte

Sent via Deja.com http://www.deja.com/
Before you buy.

1615. Re: Accessing NOAA Satelite Images

Newsgroup: rec.radio.amateur.space
Date: 2000-06-19 00:00:00 UTC
From: EAVESDROPPER <IAN@EAVSDROPPER.DABSOL.CO.UK>
Message-ID: <v1t35.18171$zI.96919@stones>
Source record: 9052

The images are transmitted using FAX imaging in FM mode, you will require a receiver with at LEAST 30khz bandwidth to get a decent picture. Software commonly used for decoding pictures is Jvcomm (http://www.jvcomm.de) very good) and a freeware one called WXsat
http://www.hffax.de/Software/software.html)
which is a very good programme especially for starters.

No special interfaces are required as these programmes only use your sound card input from your radio to make the image up.

My web site will be back up on the weekend (www.eavsdropper.dabsol.co.uk) so feel free to pop along as it will have a fair bit on WXsats.

cheers

eavesdropper

David Findlay <nedz@bigpond.com> wrote in message
news:NHb35.2621$c5.7887@newsfeeds.bigpond.com...
> What form are the transmissions in and can you build a decoder?
>
> David Findlay
>
> "Rob Janssen" <nomail@rob.knoware.nl> wrote in message
> news:slrn8kp4qq.ubo.nomail@linux.pe1chl.ampr.org...
> > David Findlay <nedz@bigpond.com> wrote:
> > >Is it possible to download images from the NOAA satelites as they go
> over?
> >
> > It is the only way... these satellites transmit line by line as they go
> > over, and you capture part of an endless band of picture.
> > So, any picture you receive from these satellites will always include
your
> > own location.
> >
> > Rob
> > --
> >
>
+----------------------------------+-------------------------------------+
> > | Rob Janssen pe1chl@amsat.org | WWW:
http://www.knoware.nl/users/rob
> |
> > | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS:
PE1CHL@PI8WNO.#UTR.NLD.EU
> |

> >
>
+-----------------------------------+---------------------------------------+
>
>

1616. Re: Accessing NOAA Satelite Images

Newsgroup: rec.radio.amateur.space
Date: 2000-06-19 00:00:00 UTC
From: Cynicus <cynicus@optusnet.com.au>
Message-ID: <394ea877$0$17018$7f31c96c@news01.syd.optusnet.com.au>
Source record: 9053

David Findlay <nedz@bigpond.com> wrote in message

> What form are the transmissions in and can you build a decoder?
>

JVcom32 apparently will demodulate the wxsat transmissions using only an audio patch cord and your sound card (SB16). However, for best reception your IF bandwidth needs to be about 40 to 45 kHz. It may mean a simple modification to your scanner to get this. It would certainly do no harm to try in the narrower bandwidths first.

The rx parameters are already loaded into JVcom32 and it only requires you to select the appropriate satellite from the list.

So far, JVcom32 has worked great in HF-FAX and SSTV at this location.

Others use the well known Hamcom interface (a 741 chip limiter) and WXSAT or JVFAX (both DOS).

While you are at it, WinOrbit (freeware) would be very handy to track the passes over your location.

1617. Re: Accessing NOAA Satelite Images

Newsgroup: rec.radio.amateur.space
Date: 2000-06-19 00:00:00 UTC
From: David Findlay <nedz@bigpond.com>
Message-ID: <NHb35.2621$c5.7887@newsfeeds.bigpond.com>
Source record: 9146

What form are the transmissions in and can you build a decoder?

David Findlay

"Rob Janssen" <nomail@rob.knoware.nl> wrote in message
news:slrn8kp4qq.ubo.nomail@linux.pe1chl.ampr.org...
> David Findlay <nedz@bigpond.com> wrote:
> >Is it possible to download images from the NOAA satelites as they go
over?
>
> It is the only way... these satellites transmit line by line as they go
> over, and you capture part of an endless band of picture.
> So, any picture you receive from these satellites will always include your
> own location.
>
> Rob
> --
>
+----------------------------------+--------------------------------------+
> | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob
|
> | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU
|
>
+----------------------------------+--------------------------------------+

1618. Re: Accessing NOAA Satelite Images

Newsgroup: rec.radio.amateur.space
Date: 2000-06-19 00:00:00 UTC
From: Will Marchant <kc6rol@amsat.org>
Message-ID: <394D71F9.451FB353@amsat.org>
Source record: 9147

Check out Ralph Taggart's Weather Satellite Handbook available from the
ARRL at http://www.arrl.org". Look under space books in their products
section...

David Findlay wrote:
>
> Is it possible to download images from the NOAA satelites as they go over?
>
> David Findlay

--
Will Marchant
marchant@ssl.berkeley.edu http://chips.ssl.berkeley.edu/
marchant@acm.org http://www.citizen.infi.net/~wmarchan/

1619. Re: Accessing NOAA Satelite Images

Newsgroup: rec.radio.amateur.space
Date: 2000-06-19 00:00:00 UTC
From: Jim Jerzycke <kq6ea@pacbell.net>
Message-ID: <394D7A65.A5F0D574@pacbell.net>
Source record: 9148

It's very easy to do using a program called "wxsat" by Christian Bock.
It uses your PC sound card as a demodulator, and prints to screen, or
file, or both. The only thing you need to get excellent quality pictures
is a circularly polarized omnidirectional antenna, like a QuadraFilar
Helix, or an "Eggbeater" type antenna.
You can find information on all of the above doing a Yahoo search.
73, Jim

1620. RE: Accessing NOAA Satelite Images

Newsgroup: rec.radio.amateur.space
Date: 2000-06-20 00:00:00 UTC
From: Juan <novalid@novalid.com>
Message-ID: <8imr6sraj1@diana.bcn.ttd.net>
Source record: 9054

Another question about the same:
Can be received in AM? I have a scanner that receives 137 MHz but in AM mode.

Thanks, Juan

1621. AMSAT contest logging software

Newsgroup: rec.radio.amateur.space
Date: 2000-06-20 00:00:00 UTC
From: Jeff Griffith <jgriffit@installersinc.com>
Message-ID: <8imrrh$es1$1@slb3.atl.mindspring.net>
Source record: 9055

I'm looking for satellite logging software that knows how to account for contacts made by both mode and satellite, as allowed by AMSAT contest rules. VHF-DX lumps all satellite contacts into a single "band" as allowed by ARRL Field Day rules, and I've been told that CT does something similar. Anyone have any suggestions?

Thanks,
Jeff Griffith
KB3EIS
jgriffit@installers.cc

1622. Re: Quadrifilar Helix Antenna ?

Newsgroup: rec.radio.amateur.space
Date: 2000-06-20 00:00:00 UTC
From: Jeff Griffith <jgriffit@installersinc.com>
Message-ID: <8imsik$k60$1@nntp9.atl.mindspring.net>
Source record: 9056

Jim:

Please post your results. The Egg-Beater II looks simpler to build; is it?

Jeff Griffith

Jim Jerzycke <kq6ea@pacbell.net> wrote in message
news:394C5470.C94F5D7E@pacbell.net...
> Yes, they work VERY well. I'm in the process of finishing a 137 MHz
> "Egg-Beater II" based on dimensions from Jerry, K5OE. These have more
> gain on the horizon, and should be able to pick up low passes better. My
> QHA gets the wxsats from about 10-15 degrees, and I'm curious how much
> better the EggII is.
> 73, Jim

1623. Re: Quadrifilar Helix Antenna ?

Newsgroup: rec.radio.amateur.space
Date: 2000-06-20 00:00:00 UTC
From: Glenn
Message-ID: <DEE35.742$ZW5.71041@news.uswest.net>
Source record: 9057

Are the plans for this Egg II available to the general public?

Glenn

"Jeff Griffith" <jgriffit@installersinc.com> wrote in message
news:8imsik$k60$1@nntp9.atl.mindspring.net...
> Jim:
>
> Please post your results. The Egg-Beater II looks simpler to build; is it?
>
> Jeff Griffith
>
> Jim Jerzycke <kq6ea@pacbell.net> wrote in message
> news:394C5470.C94F5D7E@pacbell.net...
> > Yes, they work VERY well. I'm in the process of finishing a 137 MHz
> > "Egg-Beater II" based on dimensions from Jerry, K5OE. These have more
> > gain on the horizon, and should be able to pick up low passes better. My
> > QHA gets the wxsats from about 10-15 degrees, and I'm curious how much
> > better the EggII is.
> > 73, Jim
>
>

1624. Re: Accessing NOAA Satelite Images

Newsgroup: rec.radio.amateur.space
Date: 2000-06-20 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8ku90g.mfp.nomail@linux.pe1chl.ampr.org>
Source record: 9058

Juan <novalid@novalid.com> wrote:
>Another question about the same:
>Can be received in AM? I have a scanner that receives 137 MHz but in AM
>mode.

No, it is FM. And as I wrote, you cannot receive it on a scanner that has
FM either. You need a special receiver.

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
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1625. Re: Accessing NOAA Satelite Images

Newsgroup: rec.radio.amateur.space
Date: 2000-06-20 00:00:00 UTC
From: None@dontevntry.oro
Message-ID: <8inmpchgm1@news.uky.edu>
Source record: 9059

In article <slrn8ku90g.mfp.nomail@linux.pe1chl.ampr.org>, nomail@rob.knoware.nl says...
>
>Juan <novalid@novalid.com> wrote:
>>Another question about the same:
>>Can be received in AM? I have a scanner that receives 137 MHz but in AM
>>mode.
>
>No, it is FM. And as I wrote, you cannot receive it on a scanner that has
>FM either. You need a special receiver.
>
>Rob
>--
>+----------------------------------+--------------------------------------+
>| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
>| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
>+----------------------------------+--------------------------------------+
Let the flame wars begin!
1)It is an AM signal on an FM carrier [AM=2400Hz;FM=137.nnn]
2)You CAN receive it on a standard scanner[ie Pro34] with
NBFM. It has almost no detail, but you can spot land/ocean
edges, clouds the like.
3)Someone has a program that allows farily good reception
of NOAA/APT images with the same narrow band FM.
I have seen images produced this way, and while nowhere
as detailed as I like, they are impressive. If there is
interest, I can dig back through my "bookmarks" and see
I still have the URL. And while I still firmly believe
that you can not do what this program does, since it
does appear to work, I will accept that some guys know
how to cast very powerfull spells[ie are very, very
sharp programers!].
4)And that "special" receiver can be anything from a dedicated
Hamtronics WeSat receiver, to a PRo2004 in the WFM [yes it is TOO
WIDE, but it works great given a GOOD antenna and decent preamp.
An Icom PCR1000 works GREAT! Even on a less than ideal antenna.
If you doubt the reception of APT via a NFM receiver, give it a try.
Christian Bock has a freeware WXSat program that uses the sound
card to demod and display the image, so grab a trcacking program,
ding the next pass, get an AF extension cord, run it out a window to
your scanner outside, and grab a pass. You WILL be surprized!
YMWV

1626. Re: Accessing NOAA Satelite Images

Newsgroup: rec.radio.amateur.space
Date: 2000-06-20 00:00:00 UTC
From: frg9600 <frg9600@earthlink.net>
Message-ID: <yHJ35.19724$FC6.433390@newsread1.prod.itd.earthlink.net>
Source record: 9060

I use a old Yaesu frg9600 receiver WXsat 2.5 with a turnstile and GRE 3001
preamp and these are the pictures I get.
http://home.earthlink.net/~frg9600/jammers.html

"Rob Janssen" <nomail@rob.knoware.nl> wrote in message
news:slrn8ku90g.mfp.nomail@linux.pe1chl.ampr.org...
> Juan <novalid@novalid.com> wrote:
> >Another question about the same:
> >Can be received in AM? I have a scanner that receives 137 MHz but in AM
> >mode.
>
> No, it is FM. And as I wrote, you cannot receive it on a scanner that has
> FM either. You need a special receiver.
>
> Rob
> --
>
+----------------------------------+--------------------------------------+
> | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob
|
> | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU
|
>
+----------------------------------+--------------------------------------+
>

1627. Re: Accessing NOAA Satelite Images

Newsgroup: rec.radio.amateur.space
Date: 2000-06-20 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8kv6ee.mfp.nomail@linux.pe1chl.ampr.org>
Source record: 9061

Who Did you Expect? <None@dontevntry.oro> wrote:
>In article <slrn8ku90g.mfp.nomail@linux.pe1chl.ampr.org>, nomail@rob.knoware.nl says...

>>Juan <novalid@novalid.com> wrote:
>>>Another question about the same:
>>>Can be received in AM? I have a scanner that receives 137 MHz but in AM
>>>mode.

>>No, it is FM. And as I wrote, you cannot receive it on a scanner that has
>>FM either. You need a special receiver.

>Let the flame wars begin!

Why? You should at least identify yourself for that.

>1)It is an AM signal on an FM carrier [AM=2400Hz;FM=137.nnn]

The receiver has to be FM. Period.
Then your second decoder has to AM-demodulate the audiocarrier, but that
cannot be done by using an AM receiver.

>4)And that "special" receiver can be anything from a dedicated
> Hamtronics WeSat receiver, to a PRo2004 in the WFM [yes it is TOO
> WIDE, but it works great given a GOOD antenna and decent preamp.
> An Icom PCR1000 works GREAT! Even on a less than ideal antenna.

I described before what is to be special about the receiver.
Of course a WeSat receiver sounds a lot like a special receiver...

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

1628. Re: Accessing NOAA Satelite Images

Newsgroup: rec.radio.amateur.space
Date: 2000-06-20 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8kv6iq.mfp.nomail@linux.pe1chl.ampr.org>
Source record: 9062

frg9600 <frg9600@earthlink.net> wrote:
>I use a old Yaesu frg9600 receiver WXsat 2.5 with a turnstile and GRE 3001
>preamp and these are the pictures I get.
>http://home.earthlink.net/~frg9600/jammers.html

I once owned an FRG-9600 and its filters are sooo terrible that this may
even work...

But on a decent receiver with standard NBFM filters it will widely swing
out of the filters, and on WFM the SNR is less than you would like it to
be.

Most people commenting on how well it works on their unsuitable receiver
just have not seen how it is on the correct receiver...

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

1629. Re: RS satellites?

Newsgroup: rec.radio.amateur.space
Date: 2000-06-20 00:00:00 UTC
From: Ralph Mowery <rmowery@dialpoint.net>
Message-ID: <395022B5.95EABA7D@dialpoint.net>
Source record: 9063

Just go to amsat.org and see.

Scott wrote:
>
> Which (if any) RS satellites are still up and operating? Haven't been
> on for a while...should be getting back on soon.
>
> --

1630. RS satellites?

Newsgroup: rec.radio.amateur.space
Date: 2000-06-21 00:00:00 UTC
From: Scott <acepilot@win.bright.net>
Message-ID: <395007E3.785FD220@win.bright.net>
Source record: 9064

Which (if any) RS satellites are still up and operating? Haven't been
on for a while...should be getting back on soon.

--
--Scott N0EDV--
1986 Corben Junior Ace N3642
http://corbenflyer.tripod.com/
RV-4 under construction (tail feathers)

Gotta Fly or Gonna Die!

1631. Press Release: Australian Amateur Satellite - Project BlueSat Presentation

Newsgroup: rec.radio.amateur.space
Date: 2000-06-21 00:00:00 UTC
From: Shane Magrath <shane.magrath@laker.com.au>
Message-ID: <8lU35.5164$c5.11526@newsfeeds.bigpond.com>
Source record: 9065

PRESS RELEASE

This post is advertising that the July meeting of the Waverley Amateur Radio Society will be hosting a presentation by The BlueSat project team, from the University of New South Wales (UNSW).

In what is believed to be an Australian first in many ways, the BlueSat Project is an amateur research project seeking to put an Australian micro-satellite into a Low Earth Orbit. The satellite will provide data and remote imaging services via the Amateur Radio ("Ham") frequency bands.

The presentation will seek to explain to the community what the BlueSat Project Team are hoping to achieve and how they plan to do it.

Robert Tot, one of the team managers, is reported to be "...keen to present on BlueSat and to obtain maximum input from the community regarding the Amateur services we will be providing."

All who are interested are welcome to attend the presentation and see first hand what Australian researchers are achieving in the field of space exploration.

The details of the presentation are:
Location:
Waverley Amateur Radio Society
Rose Bay Scout Hall,
Vickery Avenue,
ROSE BAY,
NSW 2029

For a map, follow the link below:
http://www.zip.com.au/~sb/wars/w_map.htm

Date: 21 July 2000
Time: 7:30pm
Cost: FREE

For further information, please follow the following links:
* Project BlueSat:
http://www.bluesat.unsw.edu.au

* Waverly Amateur Radio Club
http://www.zip.com.au/~sb/wars/

Or, Contact:

Robert Tot
VK2TOT

mailto:rtot@cse.unsw.edu.au

Hiroaki Endo
mailto:h.endo@bluesat.unsw.edu.au
Phone: 61 2 9385 4498
(Mob) 61 0404 267 690

Shane Magrath
VK2TEP
mailto:shane.magrath@laker.com.au
Phone: 61 2 9375 2187

1632. Re: RS satellites?

Newsgroup: rec.radio.amateur.space
Date: 2000-06-21 00:00:00 UTC
From: Jeff Griffith <jgriffit@installersinc.com>
Message-ID: <8ipgmsksq1@slb6.atl.mindspring.net>
Source record: 9066

I watched a friend make two VE contacts around 00:30 UTC on RS 12/13 from FN20. I had trouble copying the calling stations; they kept fading in and out unlike the downlinks from AO-10 and FO-20. He also mentioned that he had quite a bit of trouble with RS 15 the other night. His downlink from it was breaking up and the CW that came back was not intelligible.

Jeff Griffith
KB3EIS

Scott <acepilot@win.bright.net> wrote in message
news:395007E3.785FD220@win.bright.net...
> Which (if any) RS satellites are still up and operating? Haven't been
> on for a while...should be getting back on soon.
>
> --
> --Scott N0EDV--
> 1986 Corben Junior Ace N3642
> http://corbenflyer.tripod.com/
> RV-4 under construction (tail feathers)
>
> Gotta Fly or Gonna Die!

1633. Re: Who's using a Palm pilot for ham radio?

Newsgroup: rec.radio.amateur.space
Date: 2000-06-22 00:00:00 UTC
From: konstans@oneleven.net
Message-ID: <39517a6b.92846079@nntp.one-eleven.net>
Source record: 9067

On Sat, 17 Jun 2000 12:08:42 GMT, TomR@astro.net wrote:

>
> Thanks much for the info!

Just glad I was clear enough to followed working without my notes on
the subject
>
>73,
>Tom - KB2SMS
>

1634. Re: RS satellites?

Newsgroup: rec.radio.amateur.space
Date: 2000-06-22 00:00:00 UTC
From: Cynicus <cynicus@optusnet.com.au>
Message-ID: <3951f6bf$0$17010$7f31c96c@news01.syd.optusnet.com.au>
Source record: 9068

Scott <acepilot@win.bright.net> wrote in message

> Which (if any) RS satellites are still up and operating? Haven't been
> on for a while...should be getting back on soon.
>

Been asking the same question. RS 13 is still sending intelligible telemetry
but RS 15 has only an unmodulated carrier on the beacon. Apparently,
North American stations have been working both satellites quite recently.
I have not heard one single signal in the South Pacific for years. Pity, I
liked the mode A concept, it is unfortunate that these two will be the last.

73, Cynicus.

1635. Is MIR sending packet these days?

Newsgroup: rec.radio.amateur.space
Date: 2000-06-22 00:00:00 UTC
From: glueck@saturn.caps.maine.edu
Message-ID: <8it9co$d0m$1@rupert.unet.maine.edu>
Source record: 9069

I haven't used packet radio in years now, as MIR went unoccupied and that particular radio technique in all but dead here in Maine. Are any satellites sending AX-25 packet on regular FM these days?

N1MDZ

1636. Re: RS satellites?

Newsgroup: rec.radio.amateur.space
Date: 2000-06-22 00:00:00 UTC
From: marsgal42@hotmail.com
Message-ID: <8itcg4$826$1@nnrp1.deja.com>
Source record: 9070

In article <3951f6bf$0$17010$7f31c96c@news01.syd.optusnet.com.au>,
"Cynicus" <cynicus@optusnet.com.au> wrote:

> Been asking the same question. RS 13 is still sending intelligible
telemetry
> but RS 15 has only an unmodulated carrier on the beacon. Apparently,
> North American stations have been working both satellites quite
recently.
> I have not heard one single signal in the South Pacific for years.
Pity, I
> liked the mode A concept, it is unfortunate that these two will be the
last.

Why?

If you think there should be more Mode A satellites, build and
launch one.

Laura Halliday "Que les nuages soient notre
Grid: CN89mg pied a terre..." - Hospital/Shafte

Sent via Deja.com http://www.deja.com/
Before you buy.

1637. Re: Amateurs must be stupid if ham radio is to survive.

Newsgroup: rec.radio.amateur.space
Date: 2000-06-22 00:00:00 UTC
From: f1dfr@my-deja.com
Message-ID: <8iu2ds$q1h$1@nnrp1.deja.com>
Source record: 9071
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

In article <skcnqv81h5156@corp.supernews.com>,
type_email@here.org (inductive reactance) wrote:
> Tnx arrl, Tnx fcc, Ham radio is much harder now... harder to find an
> intelligent person to have a qso with.
>
> To increase numbers we need lower standards to survive.
>
> Ed, Kim, Cecil, B.Sohl, CBrambo, dave sumner, riley h., bob, f. maia,
g.
> west, dave, etc. etc. You Win!
>
> 73, back to my soldering iron.
>

If you want more intelligent persons to speak with on HF, get rid of the CW exam and replace it with a Rubik's cube to "unscramble".

By choosing CW rather than mathematics, governments had choosen to limit HF hams to "robots" unable to think ! it's a choice ... accept the result ! :-)

The main problem for these "robots" is to think that thousands of PhD all around the world are going to access to HF bands without CW soon.

Clever people on HF : a new era for ham-radio !

73s de JM F1DFR

Sent via Deja.com http://www.deja.com/
Before you buy.

1638. Re: RS satellites?

Newsgroup: rec.radio.amateur.space
Date: 2000-06-22 00:00:00 UTC
From: Scott <acepilot@win.bright.net>
Message-ID: <39529F1C.99AFECC7@win.bright.net>
Source record: 9072

How would one launch one these days? AMSAT can't even get Phase 3D up there with their assets...how does a poor ham get one into space? Mode A is ideal as there is no complicated antenna aiming required. I too will miss the RS birds when they cease to exist.
Scott
N0EDV
RS12 Veteran

marsgal42@hotmail.com wrote:
>
> In article <3951f6bf$0$17010$7f31c96c@news01.syd.optusnet.com.au>,
> "Cynicus" <cynicus@optusnet.com.au> wrote:
>
> > Been asking the same question. RS 13 is still sending intelligible
> telemetry
> > but RS 15 has only an unmodulated carrier on the beacon. Apparently,
> > North American stations have been working both satellites quite
> recently.
> > I have not heard one single signal in the South Pacific for years.
> Pity, I
> > liked the mode A concept, it is unfortunate that these two will be the
> last.
>
> Why?
>
> If you think there should be more Mode A satellites, build and
> launch one.
>
> Laura Halliday "Que les nuages soient notre
> Grid: CN89mg pied a terre..." - Hospital/Shafte
>
> Sent via Deja.com http://www.deja.com/
> Before you buy.

--
--Scott--
1986 Corben Junior Ace N3642
http://corbenflyer.tripod.com/
RV-4 under construction (tail feathers)

Gotta Fly or Gonna Die!

1639. Re: Amateurs must be stupid if ham radio is to survive.

Newsgroup: rec.radio.amateur.space
Date: 2000-06-22 00:00:00 UTC
From: Matt Erickson <kk5dr@hotmail.com>
Message-ID: <3952BF1C.ABE6ADD1@hotmail.com>
Source record: 9073
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

Even a "PHD", can be an "SOB".

f1dfr@my-deja.com wrote:

> In article <skcnqv81h5156@corp.supernews.com>,
> type_email@here.org (inductive reactance) wrote:
> > Tnx arrl, Tnx fcc, Ham radio is much harder now... harder to find an
> > intelligent person to have a qso with.
> >
> > To increase numbers we need lower standards to survive.
> >
> > Ed, Kim, Cecil, B.Sohl, CBrambo, dave sumner, riley h., bob, f. maia,
> g.
> > west, dave, etc. etc. You Win!
> >
> > 73, back to my soldering iron.
> >
>
> If you want more intelligent persons to speak with on HF, get rid of the
> CW exam and replace it with a Rubik's cube to "unscramble".
>
> By choosing CW rather than mathematics, governments had choosen to limit
> HF hams to "robots" unable to think ! it's a choice ... accept the
> result ! :-)
>
> The main problem for these "robots" is to think that thousands of PhD
> all around the world are going to access to HF bands without CW soon.
>
> Clever people on HF : a new era for ham-radio !
>
> 73s de JM F1DFR
>
> Sent via Deja.com http://www.deja.com/
> Before you buy.

1640. Re: RS satellites?

Newsgroup: rec.radio.amateur.space
Date: 2000-06-23 00:00:00 UTC
From: marsgal42@hotmail.com
Message-ID: <8iu9hs$v6v$1@nnrp1.deja.com>
Source record: 9074

In article <39529F1C.99AFECC7@win.bright.net>,
Scott <acepilot@win.bright.net> wrote:
> How would one launch one these days? AMSAT can't even get Phase 3D up
> there with their assets...how does a poor ham get one into space?
Mode
> A is ideal as there is no complicated antenna aiming required. I too
> will miss the RS birds when they cease to exist.

The launch is key, because we amateurs are 100% dependent on the
charity of others - we can't do it ourselves, and we can't afford
to pay the market rate.

Getting a ride for P3D is a challenge, because P3D is big -
almost the size of a small car. You don't lob that into orbit
for free! A smaller satellite is another matter.

Davidoff discusses many of the organizational requirements.
If you really want to put a project together, have a look.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89lg (work) pied a terre..."
Grid: CN89mg (home) - Hospital/Shafte

Sent via Deja.com http://www.deja.com/
Before you buy.

1641. Re: Satellite Tracking Programs

Newsgroup: rec.radio.amateur.space
Date: 2000-06-23 00:00:00 UTC
From: Stuart <yuuper@my-deja.com>
Message-ID: <8iunie$8lf$1@nnrp1.deja.com>
Source record: 9075

Check out Nova for Windows. http://www.nlsa.com/
I picked up a copy at the AMSAT booth during the Dayton Hamvention.
As a long time Instant Track user, I must say that Nova is great. It
takes a few hours to get accustomed to using it. But now I don't think
I would go back to a DOS sat tracking program. I think there is a demo
version on their (Northern Lights Software Associates) website. It does
lists very well too.
Stu, KO8U

In article <20000527081513.26420.00000412@ng-fm1.aol.com>,
ralphmw@aol.com (RalphMW) wrote:
> I tested Quiktrak 4.0 before the Y2K thing occured. I was tracking
MIR on a
> date of 12/31/99 at 11:59PM. The footprint covered a better part of
the US.
> Once it hit 0000 on 1/1/00, the footprint looked like AO-10,
covereing half the
> world. The was some talk here on the newgroups and a comment from
the Quiktrak
> author that he may bring out Quiktrak 5.0. Nothing heard since then
though. I
> miss the program. I like the way you could print up those prediction
lists of
> passes. Oh well, it's a new century.
>
> 73's
> Ralph NH6QT/3
>
>

--
Stuart

Sent via Deja.com http://www.deja.com/
Before you buy.

1642. Re: Quadrifilar Helix Antenna ?

Newsgroup: rec.radio.amateur.space
Date: 2000-06-23 00:00:00 UTC
From: trueblood_m@compuserve.com
Message-ID: <395358e7.8154824@news.compuserve.com>
Source record: 9076

Greetings,

If you haven't already looked try the following web sites:-

http://www.kunstmanen.nl/

http://www.rig.org.uk/

http://www.hayes06.freeserve.co.uk/

http://www.phqfh2.redhotant.com/index.htm

Cheers,

On Sat, 17 Jun 2000 17:59:45 -0400, csmolinski@erols.com
(Chris Smolinski) wrote:

>I'm considering building one for wxsat reception. Any comments from others
>who have used them? Do they work as well as claimed?
>
>Chris
>
>--
>Black Cat Systems
>http://www.blackcatsystems.com
>Macintosh software - science, audio, health, amateur radio, and more.

--
MikeT
Liverpool
U.K.

1643. Re: Quadrifilar Helix Antenna ?

Newsgroup: rec.radio.amateur.space
Date: 2000-06-23 00:00:00 UTC
From: trueblood_m@compuserve.com
Message-ID: <39537472.3144401@news.compuserve.com>
Source record: 9077

Greetings,

Further to my previous post, the following address's have
some detailed technical data of building/designing QFH
antenna's.

ftp://kunstmanen.nl/pub/technotes/RQHAeng.pdf (english)

ftp://kunstmanen.nl/pub/technotes/RQHAdims.pdf

also for the photo's of this antenna

http://www.hshaarlem.nl/~ruud/scherm16.phtml

Cheers,

--
MikeT
Liverpool
U.K.

1644. Re: Satellite Tracking Programs

Newsgroup: rec.radio.amateur.space
Date: 2000-06-23 00:00:00 UTC
From: Agent I <I@theoffice.net>
Message-ID: <8j07ki$6g5$1@grandprime.binc.net>
Source record: 9078

I use Nova too. it's great. On my website
www.mailbag.com/users/meteu/kb9ung.html i have a link to my satellite page.
there are instructions on how to get it configured the first time.

- Carl
KB9UNG

Stuart <yuuper@my-deja.com> wrote in message
news:8iunie$8lf$1@nnrp1.deja.com...
> Check out Nova for Windows. http://www.nlsa.com/
> I picked up a copy at the AMSAT booth during the Dayton Hamvention.
> As a long time Instant Track user, I must say that Nova is great. It
> takes a few hours to get accustomed to using it. But now I don't think
> I would go back to a DOS sat tracking program. I think there is a demo
> version on their (Northern Lights Software Associates) website. It does
> lists very well too.
> Stu, KO8U

1645. Re: RS satellites?

Newsgroup: rec.radio.amateur.space
Date: 2000-06-23 00:00:00 UTC
From: Cynicus <cynicus@optusnet.com.au>
Message-ID: <3953e3ae$0$16990$7f31c96c@news01.syd.optusnet.com.au>
Source record: 9079

<marsgal42@hotmail.com> wrote in message

>> Pity, I liked the mode A concept, it is unfortunate that
>>these two will be the last.
>
> Why?

Linear transponders rather than single channel FM repeaters,
significantly reduced ground station requirements, easy
tracking, easier access.

> If you think there should be more Mode A satellites, build and
> launch one.

I have launched several from my Iraq testing ground, but someone
keeps knocking them out with Patriot missiles. (heh, heh, heh)

> Laura Halliday "Que les nuages soient notre
> Grid: CN89mg pied a terre..." - Hospital/Shafte

Catch ya.

1646. Re: Accessing NOAA Satelite Images

Newsgroup: rec.radio.amateur.space
Date: 2000-06-23 00:00:00 UTC
From: Sam <alphacentauriNOalSPAM@i-plus.net.invalid>
Message-ID: <0169f1e6.449a3275@usw-ex0102-013.remarq.com>
Source record: 9080

I downloaded the WXSAT . Is there a chance that I might have a sound card already in my computer. It's a HP Pavilion 6535. I dont know much about computers. Also will the Yaesu FT-920, FT-8100R or the radio shack pro-64 do the job. One more thing, what type of cable will I need to run from my receiver to my PC. Thanks for your time and help. Sam, alphacentauri@i-plus.net

Got questions? Get answers over the phone at Keen.com.
Up to 100 minutes free!
http://www.keen.com

1647. Re: Accessing NOAA Satelite Images

Newsgroup: rec.radio.amateur.space
Date: 2000-06-24 00:00:00 UTC
From: Helmut Wabnig <hwabnig@aon.at>
Message-ID: <0no8ls00kh0fo5fnfpk6oojv9lgpogerln@4ax.com>
Source record: 9081

On Mon, 19 Jun 2000 18:51:35 +0100, "EAVESDROPPER"
<IAN@EAVSDROPPER.DABSOL.CO.UK> wrote:

'cause nobody seems to know David Taylor, here's the link:
http://www.davidtaylor.freeserve.co.uk/

This is the ultimate NOAA APT Software in the universe.

Use it as follows:
Record the sat signal on the PC as wave file.
May be done with any recorder spftware,
best is to use WXSAT and record "wave and picture"
Thus you have immediate control during receiving.

Then use D.Taylor's program to process the recorded
wave file. See the difference.
There are numerous informations in the images,
eg surface temperature, which can be read with a mouse-click.

Taylor charges a small amount for his program.

hope this helps.
W.

>The images are transmitted using FAX imaging in FM mode, you will require a
>receiver with at LEAST 30khz bandwidth to get a decent picture. Software
>commonly used for decoding pictures is Jvcomm (http://www.jvcomm.de) very
>good) and a freeware one called WXsat
> http://www.hffax.de/Software/software.html)
>which is a very good programme especially for starters.
>
>No special interfaces are required as these programmes only use your sound
>card input from your radio to make the image up.
>
>My web site will be back up on the weekend (www.eavsdropper.dabsol.co.uk) so
>feel free to pop along as it will have a fair bit on WXsats.
snip

1648. Re: RS satellites?

Newsgroup: rec.radio.amateur.space
Date: 2000-06-24 00:00:00 UTC
From: Hil <g4ynv@newearth.demon.co.uk>
Message-ID: <sWjjAMAhNIV5EwRE@newearth.demon.co.uk>
Source record: 9082

>> How would one launch one these days? AMSAT can't even get Phase 3D up
>> there with their assets...how does a poor ham get one into space?

>The launch is key, because we amateurs are 100% dependent on the
>charity of others - we can't do it ourselves, and we can't afford
>to pay the market rate.

The guys who designed and built the RS satellites are probably still
around. Has anyone from AMSAT approached the Russian Space Agency?

--
Hil G4YNV

1649. Re: RS satellites?

Newsgroup: rec.radio.amateur.space
Date: 2000-06-24 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8l99k5.p7q.nomail@linux.pe1chl.ampr.org>
Source record: 9083

Hil <g4ynv@newearth.demon.co.uk> wrote:
>>> How would one launch one these days? AMSAT can't even get Phase 3D up
>>> there with their assets...how does a poor ham get one into space?

>>The launch is key, because we amateurs are 100% dependent on the
>>charity of others - we can't do it ourselves, and we can't afford
>>to pay the market rate.

>The guys who designed and built the RS satellites are probably still
>around. Has anyone from AMSAT approached the Russian Space Agency?

Leonid UA3CR, who was a very active force in the RS world, and had a
lot of contact with AMSAT etc, sadly died two years ago.

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

1650. Re: Satellite Tracking Programs

Newsgroup: rec.radio.amateur.space
Date: 2000-06-24 00:00:00 UTC
From: Greg Higgins <gregh@onramp.net>
Message-ID: <IQ355.71403$5k2.150163@dfw-read.news.verio.net>
Source record: 9084

Just a note to let everyone know that there is a new (Y2K) version of
QuikTrak available. It is available through AMSAT.

1651. Grid Hunters look here - revised -

Newsgroup: rec.radio.amateur.space
Date: 2000-06-24 00:00:00 UTC
From: Agent I <I@theoffice.net>
Message-ID: <8j2ke4$364$1@grandprime.binc.net>
Source record: 9085

I am going to be on the road in Grid EN54, EN55 & EN44 June 26-28. I included local time incase i calculated for UTC time wrong. Here are my plans for operation;

6/26:
AO27 = 17:38z grid EN54 (10:30 local)
UO14 = 18:33z grid EN54 (11:33 local)
05:14z grid EN55 (21:14 local)
06:53z grid EN44 (22:53 local)
6/27:
AO27 = 17:11z grid EN54 (10:11 local)
UO14 = 18:03z grid EN54 (11:03 local)
AO27 = 18:51z grid EN55 (11:51 local)
UO14 = 19:43z grid EN55 (12:43 local)
UO14 = 06:23z grid EN54 (22:23 local)

6/28:
AO27 = 16:44z grid EN54 (09:44 local)
UO14 = 17:34z grid EN54 (10:34 local)
AO27 = 18:23z grid EN55 (11:23 local)
UO14 = 20:14z grid EN44 (12:14 local)
UO14 = 05:54z on the road (21:54 local)

I will work QRP with an HT and an Arrow (beam) antenna. QSL cards will go out to any new contact I make. If I worked you before and you want a QSL for this grid you can email me to request one. I am always happy to send out a card.

- Carl
KB9UNG

"It just goes to show you, it's always something. If it's not one thing it's another."
- Gilda Radner as Roseanne Roseannadanna

http://www.mailbag.com/users/meteu/

Hams, take a look at my Ham Radio page.
SETI@Home users, check out my website to see my SETI@Home page. You can even join my SETI group.

1652. looking for fellow sat spotters

Newsgroup: rec.radio.amateur.space
Date: 2000-06-24 00:00:00 UTC
From: EAVESDROPPER <IAN@EAVSDROPPER.DABSOL.CO.UK>
Message-ID: <U8955.59854$a51.95350@stones>
Source record: 9086

Hi all, I ma just waiting for the ISS to come over here at 22:38 BST to get a video of her hopefully. Would like to waffle with those who do sat pass photography, and especially anyone who has managed to actually track a visible sat using video and telescope ?.

regards

ian

1653. Re: looking for fellow sat spotters

Newsgroup: rec.radio.amateur.space
Date: 2000-06-24 00:00:00 UTC
From: Sam <alphacentauriNOalSPAM@i-plus.net.invalid>
Message-ID: <102c0795.dceb0970@usw-ex0103-023.remarq.com>
Source record: 9087

Video hasn't worked well for me . Iam looking for a good manual slr camera. know where I can get one ? I watch for the passes all the time. I just need a manual slr (so i have ben told) to start taking pictures. The video camera I tried using was just a normal JVC handheld. Doesnt work to well for me. Good Luck!
Sam, alphacentauri@i-plus.net

Got questions? Get answers over the phone at Keen.com.
Up to 100 minutes free!
http://www.keen.com

1654. Non-standard DBS uses?

Newsgroup: rec.radio.amateur.space
Date: 2000-06-24 00:00:00 UTC
From: Jim Dawdy <kc7rcy@yahoo.nospam.not>
Message-ID: <395578D5.6F5AC4CE@yahoo.nospam.not>
Source record: 9088
Cross-posted to: rec.video.satellite.dbs,rec.radio.amateur.misc,rec.radio.amateur.space

Does anyone know of things you can do with a DBS system like pick up signals from non directv/Dishnetwork satellites? Any "mods" (not card hacking)?

Along those lines what is the signal range of the LNB and could it be used to pick up non-DBS signals?

jdawdy@usa.net

1655. Re: Who's using a Palm pilot for ham radio?

Newsgroup: rec.radio.amateur.space
Date: 2000-06-25 00:00:00 UTC
From: swaves101@aol.com
Message-ID: <20000625094510.04352.00000354@ng-co1.aol.com>
Source record: 9089

I saw a reference to a prpgram called scanner-n for the palm. Does anyone know a source for this program?

1656. Re: Non-standard DBS uses?

Newsgroup: rec.radio.amateur.space
Date: 2000-06-25 00:00:00 UTC
From: Gary Tait <tait@primeline.net>
Message-ID: <39562150.3C15CE73@primeline.net>
Source record: 9090
Cross-posted to: rec.video.satellite.dbs,rec.radio.amateur.misc,rec.radio.amateur.space

For DirecTV, there is little else up there, I think only a package on
G3r.

Dish has more flexibility the DirecTV, but not enough.

Ku is 11.7-12.2 Ghs, and linear polarized (H/V)
DBS band is 550 Mhz above normal Ku, and circularly polarized,

A primestar dish/LBF will do what you want, not saying you'll get
anything
though.

Jim Dawdy wrote:
>
> Does anyone know of things you can do with a DBS system like pick up
> signals from non directv/Dishnetwork satellites? Any "mods" (not card
> hacking)?
>
> Along those lines what is the signal range of the LNB and could it be
> used to pick up non-DBS signals?
>
> jdawdy@usa.net

--
Gary Tait,VE3VBF Homepage: http://www.primeline.net/~tait ICQ 43425545
*** Do not Email back me newsgroup responses, just post them. ****
Email sent, if replied, will be replied with the provided address,
as is, if it comes back undeilvered,it will be deleted.

1657. Re: Non-standard DBS uses?

Newsgroup: rec.radio.amateur.space
Date: 2000-06-25 00:00:00 UTC
From: "D. Stussy" <kd6lvw@bde-arc.ampr.org>
Message-ID: <Pine.LNX.4.10.10006251737170.216-100000@exp.bde-arc.ampr.org>
Source record: 9091
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.space

That message is not appropriate to the non-DBS-satellite groups (such as the amateur radio groups to which you cross-posted).

On Sat, 24 Jun 2000, Jim Dawdy wrote:
> Does anyone know of things you can do with a DBS system like pick up
> signals from non directv/Dishnetwork satellites? Any "mods" (not card
> hacking)?
>
> Along those lines what is the signal range of the LNB and could it be
> used to pick up non-DBS signals?

1658. Re: Non-standard DBS uses?

Newsgroup: rec.radio.amateur.space
Date: 2000-06-25 00:00:00 UTC
From: Jim Dawdy <kc7rcy@yahoo.nospam.not>
Message-ID: <39567644.DBD4DC8E@yahoo.nospam.not>
Source record: 9092
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.space

There is at least one article in QEX regarding the use of DBS dishes to receive 10ghz signals, and I believe there is a similar article in QEX on modifying the LNB. This was in reference to possible use with P3D.

I would say that qualifies as a topic for an amateur radio newsgroup.

73
Jim
KC7RCY
Amsat-NA

"D. Stussy" wrote:

> That message is not appropriate to the non-DBS-satellite groups (such as the
> amateur radio groups to which you cross-posted).
>
> On Sat, 24 Jun 2000, Jim Dawdy wrote:
> > Does anyone know of things you can do with a DBS system like pick up
> > signals from non directv/Dishnetwork satellites? Any "mods" (not card
> > hacking)?
> >
> > Along those lines what is the signal range of the LNB and could it be
> > used to pick up non-DBS signals?

1659. Re: Amateur Satellites and the Moon

Newsgroup: rec.radio.amateur.space
Date: 2000-06-26 00:00:00 UTC
From: Gary Coffman <ke4zv@bellsouth.net>
Message-ID: <hv7flsoc2b51utu08ajuaggna7jnfkv65u@4ax.com>
Source record: 8999

On Mon, 26 Jun 2000 18:20:29 +0200, "Edgar J. Kaiser" <edgar.kaiser@t-online.de> wrote:
>Hi Chris,
>
>Mars Global Surveyor used to operate (I don't know if it is still
>active) a beacon on 437.1 MHz, at about 4 watts to an omnidirectional
>antenna. Amateurs successfully detected the carrier and proved doppler
>shift according to the Mars orbit and relative movement to earth. They
>used moderate antennas (a group of helices), non cryogenic preamps and
>very sophisticated FFT software, but all running on a PC/soundcard. You
>may want to have look at
>
>http://www.webcom.com/af9y/
>
>Interesting site anyway!

Note that the satellite was not at Mars orbit when these tests were
done. It was out about 4 million miles on its way to Mars (78 million
miles). The rotation of the satellite was detected by the varying strength
of the signal. Detection of the signal with the satellite in Mars orbit
is outside the current practical state of the art for amateur systems.
In other words, Goldstone can do it, but lesser systems can't.

OTOH reception of Lunar Prospector in orbit about the Moon was
relatively simple. A number of us did that. Of course the Moon is only
a quarter of a million miles away. GEO (22,000 miles) and LEO (200
miles) are much easier, of course. LEO communications can be
achieved with an ordinary HT. It is also the cheapest orbit to reach,
important when you have to hitchhike a ride to space.

Gary
Gary Coffman KE4ZV | You make it |mail to ke4zv@bellsouth.net
534 Shannon Way | We break it |
Lawrenceville, GA | Guaranteed |

1660. Re: Field Day

Newsgroup: rec.radio.amateur.space
Date: 2000-06-26 00:00:00 UTC
From: Don Putnick <dputnick@alumni.caltech.edu>
Message-ID: <3957AA16.759B54F3@alumni.caltech.edu>
Source record: 9000

Jim Jerzycke wrote:
> Am I the only one who had trouble working AO-27 and UO-14 this weekend
> due to a certain station who seemed to hog the whole pass?
> I thought proper operating proceedure an FM sats was to use minimum
> power, make your contact, and GET OFF so other people could use the
> bird, ESPECIALLY on Field Day.
> I suppose I'll get flamed on this, but did this guy not realize you only
> needed ONE satellite contact for the 100 point bonus, or did he not
> care?
> Regards, Jim

Perhaps a change in scoring would solve this problem (assuming the guy was working field day). Get rid of the 100 point bonus and replace it with several points per contact. Last year I know of at least one club that tore down their satellite station after their one contact, and moved on to more lucrative modes.

Maybe we could have a different "featured sport" with high point values each year: satellites one year, PSK31 the next, etc.

1661. Re: Amateur Satellites and the Moon

Newsgroup: rec.radio.amateur.space
Date: 2000-06-26 00:00:00 UTC
From: "Edgar J. Kaiser" <edgar.kaiser@t-online.de>
Message-ID: <395782CD.AD214B9@t-online.de>
Source record: 9001

Hi Chris,

Mars Global Surveyor used to operate (I don't know if it is still active) a beacon on 437.1 MHz, at about 4 watts to an omnidirectional antenna. Amateurs successfully detected the carrier and proved doppler shift according to the Mars orbit and relative movement to earth. They used moderate antennas (a group of helices), non cryogenic preamps and very sophisticated FFT software, but all running on a PC/soundcard. You may want to have look at

http://www.webcom.com/af9y/

Interesting site anyway!

Regards,

Edgar

1662. Vostok-3 and -4, shortwave radio observations in 1962

Newsgroup: rec.radio.amateur.space
Date: 2000-06-26 00:00:00 UTC
From: Sven Grahn <svengrahn@wineasy.se>
Message-ID: <3957AFD5.1105F047@wineasy.se>
Source record: 9002

Dear Friends,

I have added an article to my Web site entitled: "Vostok-3 and Vostok-4
and observations of their flight in radio intercepts".

It describes some basic facts about the flight, recounts an amazing
account of a quarrel between cosmonaut Nikolayev and the ground station
"Vesna 1", examines the fact that nobody heard Pavel Popovich, outlines
the possibilities and method for inter-ship communications and laments
the lack of detailed orbital data to confirm or refute the Soviet claim
that the ships came within 6.5 km of each other.

* Go to my Web site http://www.users.wineasy.se/svengrahn
* Click on "What's new`?
* Select entry for 26 June, 2000

Best Wishes

Sven Grahn

1663. WTB, KLM 2m-14C (2m crossed antenna with swithable polarization)

Newsgroup: rec.radio.amateur.space
Date: 2000-06-26 00:00:00 UTC
From: Jeff Grey <cdma77@aol.com>
Message-ID: <3957A819.1182@aol.com>
Source record: 9003

I am looking to buy KLM 2m-14C (2m crossed antenna with swithable polarization) or M2 or like model.

Thanks,

Jeff
N8EIP

1664. Re: Field Day

Newsgroup: rec.radio.amateur.space
Date: 2000-06-26 00:00:00 UTC
From: konstans@oneleven.net
Message-ID: <3957cddf.110673082@nntp.one-eleven.net>
Source record: 9004

On Mon, 26 Jun 2000 12:08:06 -0700, Don Putnick
<dputnick@alumni.caltech.edu> wrote:

>
>
>Jim Jerzycke wrote:
>> Am I the only one who had trouble working AO-27 and UO-14 this weekend
>> due to a certain station who seemed to hog the whole pass?
>> I thought proper operating proceedure an FM sats was to use minimum
>> power, make your contact, and GET OFF so other people could use the
>> bird, ESPECIALLY on Field Day.
>> I suppose I'll get flamed on this, but did this guy not realize you only
>> needed ONE satellite contact for the 100 point bonus, or did he not
>> care?
>> Regards, Jim
>
>Perhaps a change in scoring would solve this problem (assuming the
>guy was working field day). Get rid of the 100 point bonus and
>replace it with several points per contact. Last year I know of at
>least one club that tore down their satellite station after their
>one contact, and moved on to more lucrative modes.

How could other modes be more lucrative unless one was
REAALLLLY short of Ops?
>
>Maybe we could have a different "featured sport" with high point
>values each year: satellites one year, PSK31 the next, etc.

1665. Re: Field Day

Newsgroup: rec.radio.amateur.space
Date: 2000-06-26 00:00:00 UTC
From: Don Putnick <dputnick@alumni.caltech.edu>
Message-ID: <3957EE57.A35C9CCC@alumni.caltech.edu>
Source record: 9005

Mark Morgan wrote:
> How could other modes be more lucrative unless one was
> REAALLLLY short of Ops?

Exactly. They were a 2A. But a 1A could simply make one RS-13 mode K contact and move on to vanilla SSB or CW without changing any equipment. Whole lot more SSB and CW ops than sat ops. If he were in it for the points, he'd be dumb to stay a sat 1A.

My suggestion really boils down to whether or not we want to encourage folks to really exercise the newer modes.

1666. Vostok-3 and -4, old and new facts

Newsgroup: rec.radio.amateur.space
Date: 2000-06-26 00:00:00 UTC
From: Sven Grahn <svengrahn@wineasy.se>
Message-ID: <3957AEBF.C7D1EDE3@wineasy.se>
Source record: 9006
Cross-posted to: sci.space.history,sci.space.policy,sci.space.tech,rec.radio.amateur.space

Dear Friends,

I have added an article to my Web site entitled: "Vostok-3 and Vostok-4 and observations of their flight in radio intercepts".

It describes some basic facts about the flight, recounts an amazing account of a quarrel between cosmonaut Nikolayev and the ground station "Vesna 1", examines the fact that nobody heard Pavel Popovich, outlines the possibilities and method for inter-ship communications and laments the lack of detailed orbital data to confirm or refute the Soviet claim that the ships came within 6.5 km of each other. You can also hear the voice of Andriyan Nikolayev sending greetings to the peoples of Scandinavia.

* Go to my Web site http://www.users.wineasy.se/svengrahn
* Click on "What's new`?
* Select entry for 26 June, 2000

Best Wishes

Sven Grahn

1667. Re: InstantTrak help needed

Newsgroup: rec.radio.amateur.space
Date: 2000-06-26 00:00:00 UTC
From: kb5mu@amsat.org
Message-ID: <3956eb02.425779656@news-server.san.rr.com>
Source record: 9093

On 18 May 2000 10:20:30 GMT, abrayten@aol.com (Abrayten) wrote:

>After having downloaded the software to deal with date 2000 change for IT,
>there are two satellites which are appearing different from the others on the
>screen, MIR, and ISS. Each is represented by a larger white spot on the screen,
>has no footprint circling that enlargened spot. Any ideas as to why?

You're seeing a footprint circle that's so small that it merges with
the satellite dot. This indicates that InstantTrack thinks your
satellite is in a very low (probably subterranean) orbit, which in
turn probably means that InstantTrack's Y2K bug has led it to believe
the orbit has been decaying for 100 years. Check this theory by going
to the manual edit elements screen, hit "D" to display the derived
elements, and examine the element set age.

If you find I'm right, then you're using an older, buggy version of
the program that converts Y2K Keplerian elements for InstantTrack. Get
the version from http://www.amsatnet.com and see if that one works any
better. If not, you can always adjust the date manually (enter 100 for
the year, I think) on the manual element screen.

73 -Paul
kb5mu@amsat.org

1668. Re: Satellite Tracking Programs

Newsgroup: rec.radio.amateur.space
Date: 2000-06-26 00:00:00 UTC
From: kb5mu@amsat.org
Message-ID: <3956ec96.426184015@news-server.san.rr.com>
Source record: 9094

On 27 May 2000 12:15:13 GMT, ralphmw@aol.com (RalphMW) wrote:

>The was some talk here on the newgroups and a comment from the Quiktrak
>author that he may bring out Quiktrak 5.0. Nothing heard since then though. I
>miss the program. I like the way you could print up those prediction lists of
>passes. Oh well, it's a new century.

QuikTrak 5.0 is available now from AMSAT-NA.

73 -Paul
kb5mu@amsat.org

1669. Amateur Satellites and the Moon

Newsgroup: rec.radio.amateur.space
Date: 2000-06-26 00:00:00 UTC
From: clvancil@aol.com.de-spam
Message-ID: <20000626043212.24711.00000027@ng-cc1.aol.com>
Source record: 9095

Has anyone ever proposed sending an Amateur Satellite to the Moon or Mars orbit? If so when and is there a reference anywhere on the web?

Thanks,

Chris Vancil
Member NSS, The Mars Society and The Moon Society
http://hometown.aol.com/CLVANCIL/

1670. Re: Amateur Satellites and the Moon

Newsgroup: rec.radio.amateur.space
Date: 2000-06-26 00:00:00 UTC
From: Clark Lindsey <karina.maasho@swipnet.se>
Message-ID: <PzF55.7155$rH5.17995@nntpserver.swip.net>
Source record: 9096

Check out this article at QRZ.com:

ARTeMiS Reaches for the Moon! By Martin Reeves, KI0K
http://www.qrz.com/features/Artemis/page1.html

Clark S.Lindsey
clarklindsey@hobbyspace.com
www.hobbyspace.com/Radio/
www.hobbyspace.com/SatBuilding/

CLVANCIL <clvancil@aol.com.de-spam> wrote in message
news:20000626043212.24711.00000027@ng-cc1.aol.com...
> Has anyone ever proposed sending an Amateur Satellite to the Moon or Mars
> orbit? If so when and is there a reference anywhere on the web?
>
> Thanks,
>
> Chris Vancil
> Member NSS, The Mars Society and The Moon Society
> http://hometown.aol.com/CLVANCIL/

1671. Re: Amateur Satellites and the Moon

Newsgroup: rec.radio.amateur.space
Date: 2000-06-26 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8leed5.bgp.nomail@linux.pe1chl.ampr.org>
Source record: 9097

CLVANCIL <clvancil@aol.com.de-spam> wrote:
>Has anyone ever proposed sending an Amateur Satellite to the Moon or Mars
>orbit? If so when and is there a reference anywhere on the web?

Satellites on the moon have been proposed a few times. They are not
attractive when compared to earth orbit, but the proposal keeps coming up
every couple of years.

A trip to Mars was once suggested by the team designing Phase 3D. It was
mentioned during some lectures, maybe it is written down in articles in the
proceedings.
This project silently disappeared when Phase 3D plans became more
definitive.

To know if something is mentioned on the web, use a search-engine...

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

1672. Field Day

Newsgroup: rec.radio.amateur.space
Date: 2000-06-26 00:00:00 UTC
From: Jim Jerzycke <kq6ea@pacbell.net>
Message-ID: <3957901D.5ED39F1E@pacbell.net>
Source record: 9098

Am I the only one who had trouble working AO-27 and UO-14 this weekend due to a certain station who seemed to hog the whole pass?

I thought proper operating proceedure an FM sats was to use minimum power, make your contact, and GET OFF so other people could use the bird, ESPECIALLY on Field Day.

I suppose I'll get flamed on this, but did this guy not realize you only needed ONE satellite contact for the 100 point bonus, or did he not care?

Regards, Jim

1673. Re: Field Day

Newsgroup: rec.radio.amateur.space
Date: 2000-06-27 00:00:00 UTC
From: Jeff Kelly <jkelly@bellatlantic.net>
Message-ID: <kzS55.2583$aA3.87605@typhoon1.ba-dsg.net>
Source record: 9007

To be honest I never thought any one station dominated the entire pass. It seemed that stations closest to the bird had the "capture" effect and that seemed to change as the bird moved down the country during the pass. I can clearly remember 2's 4's and then 5's "having" the bird.

It seemed to me that most let a stations report go thru before they keyed with their cq or report. At least that's what I heard and I heard all the passes.

Working those birds, with doppler, antenna movement and logging is got to be the biggest rush in amateur radio. When the bird goes out of view - you sit back and say "Wow"

Jeff
KT2K

Jim Jerzycke wrote in message <3957901D.5ED39F1E@pacbell.net>...
>Am I the only one who had trouble working AO-27 and UO-14 this weekend
>due to a certain station who seemed to hog the whole pass?
>
>I thought proper operating proceedure an FM sats was to use minimum
>power, make your contact, and GET OFF so other people could use the
>bird, ESPECIALLY on Field Day.
>
>I suppose I'll get flamed on this, but did this guy not realize you only
>needed ONE satellite contact for the 100 point bonus, or did he not
>care?
>
>Regards, Jim

1674. Re: Field Day

Newsgroup: rec.radio.amateur.space
Date: 2000-06-27 00:00:00 UTC
From: konstans@oneleven.net
Message-ID: <39580201.124020500@nntp.one-eleven.net>
Source record: 9008

On Mon, 26 Jun 2000 16:59:19 -0700, Don Putnick
<dputnick@alumni.caltech.edu> wrote:

>Mark Morgan wrote:
>> How could other modes be more lucrative unless one was
>> REAALLLLY short of Ops?
>
>Exactly. They were a 2A. But a 1A could simply make one RS-13
>mode K contact and move on to vanilla SSB or CW without changing
>any equipment. Whole lot more SSB and CW ops than sat ops. If
>he were in it for the points, he'd be dumb to stay a sat 1A.

But that would assume that the club could musters no than a
couple of ops. we were a 7a station here but we always had people
around that could have operated (we di not have sat station this year
because siomebody decided both not to show and not to tell anybody he
wasn't showing
>
>My suggestion really boils down to whether or not we want to
>encourage folks to really exercise the newer modes.

1675. Re: Non-standard DBS uses?

Newsgroup: rec.radio.amateur.space
Date: 2000-06-27 00:00:00 UTC
From: "D. Stussy" <kd6lvw@bde-arc.ampr.org>
Message-ID: <Pine.LNX.4.10.10006270134400.1795-100000@exp.bde-arc.ampr.org>
Source record: 9009
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.space

Not if all he means is TVRO stuff. If he wants to know about an amateur application, my opinion is that he needs to STATE such.

On Sun, 25 Jun 2000, Jim Dawdy wrote:
> There is at least one article in QEX regarding the use of DBS dishes to receive
> 10ghz signals, and I believe there is a similar article in QEX on modifying the
> LNB. This was in reference to possible use with P3D.
>
> I would say that qualifies as a topic for an amateur radio newsgroup.
>
> "D. Stussy" wrote:
> > That message is not appropriate to the non-DBS-satellite groups (such as the
> > amateur radio groups to which you cross-posted).
> >
> > On Sat, 24 Jun 2000, Jim Dawdy wrote:
> > > Does anyone know of things you can do with a DBS system like pick up
> > > signals from non directv/Dishnetwork satellites? Any "mods" (not card
> > > hacking)?
> > >
> > > Along those lines what is the signal range of the LNB and could it be
> > > used to pick up non-DBS signals?

1676. Re: Non-standard DBS uses?

Newsgroup: rec.radio.amateur.space
Date: 2000-06-27 00:00:00 UTC
From: konstans@oneleven.net
Message-ID: <39581da8.131101354@nntp.one-eleven.net>
Source record: 9010
Cross-posted to: rec.video.satellite.dbs,rec.radio.amateur.misc,rec.radio.amateur.space

On Sat, 24 Jun 2000 21:13:25 -0600, Jim Dawdy
<kc7rcy@yahoo.nospam.not> wrote:

>Does anyone know of things you can do with a DBS system like pick up
>signals from non directv/Dishnetwork satellites? Any "mods" (not card
>hacking)?
>
>Along those lines what is the signal range of the LNB and could it be
>used to pick up non-DBS signals?

while not exactly ham stuff where you are posting the below may assit
you some what
http://sales.mpeg2-dvb.com/
>
>jdawdy@usa.net
>
>

1677. Re: Non-standard DBS uses?

Newsgroup: rec.radio.amateur.space
Date: 2000-06-27 00:00:00 UTC
From: Paul Northover <Paul.Northover.GP@icn.siemens.de>
Message-ID: <39589816.EA4A6A51@icn.siemens.de>
Source record: 9011
Cross-posted to: rec.video.satellite.dbs,rec.radio.amateur.misc,rec.radio.amateur.space

Jim Dawdy wrote:

> Does anyone know of things you can do with a DBS system like pick up
> signals from non directv/Dishnetwork satellites? Any "mods" (not card
> hacking)?
>

At the Ham Radio exhibition in Fredrichshafen, Germany last weekend there was a demonstration of amateur digital video transmission. The receiver was a standard DVB (european equivalent to DBS) receiver from Nokia. This was fed from a modulation converter. The transmitter was a completely home brewed affair.

Paul DL2GPN / G4OIF

1678. Satellite freq's

Newsgroup: rec.radio.amateur.space
Date: 2000-06-27 00:00:00 UTC
From: Sam <alphacentauriNOalSPAM@i-plus.net.invalid>
Message-ID: <12d60080.7231e2c5@usw-ex0106-045.remarq.com>
Source record: 9012

I have found a web site that can give me the downlink freq's but no uplinks. Does anyone know a web site where I can get the uplinks and downlinks or can anyone tell me the freq's for the most popular satellites. Thanks, Sam alphacentauri@i-plus.net

Got questions? Get answers over the phone at Keen.com.
Up to 100 minutes free!
http://www.keen.com

1679. Re: Satellite freq's

Newsgroup: rec.radio.amateur.space
Date: 2000-06-27 00:00:00 UTC
From: marsgal42@hotmail.com
Message-ID: <8jagrhdtq1@nnrp1.deja.com>
Source record: 9013

In article <12d60080.7231e2c5@usw-ex0106-045.remarq.com>,
Sam <alphacentauriNOalSPAM@i-plus.net.invalid> wrote:

> I have found a web site that can give me the downlink freq's but
> no uplinks...

Which is? Do tell...

> Does anyone know a web site where I can get the
> uplinks and downlinks or can anyone tell me the freq's for the
> most popular satellites.

Such information has been disseminated from www.amsat.org for
years.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..." - Hospital/Shafte

Sent via Deja.com http://www.deja.com/
Before you buy.

1680. Re: Satellite freq's

Newsgroup: rec.radio.amateur.space
Date: 2000-06-27 00:00:00 UTC
From: Sam <alphacentauriNOalSPAM@i-plus.net.invalid>
Message-ID: <04f838dc.723211eb@usw-ex0104-033.remarq.com>
Source record: 9014

The web site that gives only downlinks except for the OSCAR 14
sat and beacons is www.heavens-above.com . Click on 24 hour sat
info or sat database just below that.

Got questions? Get answers over the phone at Keen.com.
Up to 100 minutes free!
http://www.keen.com

1681. Re: Satellite freq's

Newsgroup: rec.radio.amateur.space
Date: 2000-06-27 00:00:00 UTC
From: Don Putnick <dputnick@alumni.caltech.edu>
Message-ID: <3958CFA7.12D28EC@alumni.caltech.edu>
Source record: 9015

Sam wrote:
> I have found a web site that can give me the downlink freq's but
> no uplinks. Does anyone know a web site where I can get the
> uplinks and downlinks or can anyone tell me the freq's for the
> most popular satellites. Thanks, Sam alphacentauri@i-plus.net

wander on over to http://www.amsat.org/amsat/sats/n7hpr/satsum.html

1682. Sat gear for sale. FT847,PK900, Modems

Newsgroup: rec.radio.amateur.space
Date: 2000-06-27 00:00:00 UTC
From: kf5oj@prodigy.net
Message-ID: <3958d27c.8750524@news.prodigy.net>
Source record: 9016

I'm selling all items listed due to serious illness. Package deals considered.

Yaesu FT-847 Satellite transceiver serial # 91250552
Purchased (new) as birthday present for me 3/8/2000
Covers HF, 6M, 2M and 70cm and works full duplex for satellite work.
1200/9600 baud packet ready.
Little used and in mint condition. Non-Smoker.
Asking $1200. Will ship UPS or Fedex (your choice). You pay shipping.
I will include Arrow 146/437-10 yagi Satellite antenna free of charge.
Also includes HF and Vhf Packet cables. Original box, packing, manual and factory accessories.

AEA PK900 Multimode Tnc Serial # 2352
Like new condition, All mode including Pactor, absolutely NO problems.
Has Latest 7.2 Firmware and DSP upgrade
Has AEA/Timewave internal 9600 baud modem, software selectable.
Has factory modem disconnect header, software selectable.
Perfect for satellite work.
NO mods or holes.
Serial cable included.
Selling for $350
You pay shipping.

Paccomm NB-96 9600 Baud modem.
Makes any 1200 baud afsk packet tnc with modem disconnect header into 9600 baud capable tnc. Front panel switchs modem in/out.
Sells for $119 new. Sell for $70 plus shipping.
Specs at www.paccomm.com

Paccomm PSK1 PSK Satellite modem
Makes any 1200 baud afsk packet tnc with modem disconnect header into 1200 Baud PSK modem for AO-16, LO-19 and IO-26 type satellites. Can also be used for 1200 baud PSK terrestial work and receive 400 baud telemetry format used by (late) ao-13 and upcoming P3D.
Sells for $239 new. Selling for $125 plus shipping.
Specs at www.paccomm.com

TAPR 9600 Baud modem
Makes any 1200 baud afsk packet tnc with modem disconnect header into 9600 baud capable tnc. Assembled, with docs on diskette. Formally used in PK-232 tnc. Kit sells for $80 new. Selling for $25 plus shipping. Specs at www.tapr.org

Clifton J. Turner Jr. KF5OJ
3305 Levin St.
Alexandria, LA 71301-5420
318-561-2671
kf5oj@prodigy.net
kf5oj@juno.com

1683. Re: Satellite freq's

Newsgroup: rec.radio.amateur.space
Date: 2000-06-27 00:00:00 UTC
From: Jim Jerzycke <kq6ea@pacbell.net>
Message-ID: <3958D3A3.94CD96E2@pacbell.net>
Source record: 9017

www.amsat.org

1684. ft-726r hf module

Newsgroup: rec.radio.amateur.space
Date: 2000-06-27 00:00:00 UTC
From: Davev <dvari@adelphia.net>
Message-ID: <LA565.2713$WI2.39138@news1.news.adelphia.net>
Source record: 9018

Selling my hf module for my Yaesu FT-726r covers 15,12,10 mtrs. Works,will
not be D.O.A.$250.00 plus shipping
and insurance. (U.S.dollars)
If interested reply: dvari@adelphia.net
tnx de dave-n2rhl

1685. Re: Amateur Satellites and the Moon

Newsgroup: rec.radio.amateur.space
Date: 2000-06-27 00:00:00 UTC
From: clvancil@aol.com.de-spam
Message-ID: <20000627183145.01534.00000178@ng-cu1.aol.com>
Source record: 9019

Clark S.Lindsey wrote:

> Check out this article at QRZ.com:
>
> ARTeMiS Reaches for the Moon! By Martin Reeves, KI0K
> http://www.qrz.com/features/Artemis/page1.html
>

Thanks, I have it bookmarked and must say it would be very impressive if it could be pulled off. The Moon offers a hard environment to stay over "night" in.

Chris Vancil
Member NSS, The Mars Society and The Moon Society
http://hometown.aol.com/CLVANCIL/

1686. Re: Amateur Satellites and the Moon

Newsgroup: rec.radio.amateur.space
Date: 2000-06-27 00:00:00 UTC
From: clvancil@aol.com.de-spam
Message-ID: <20000627184515.01534.00000183@ng-cu1.aol.com>
Source record: 9020

Rob Janssen wrote:

>Satellites on the moon have been proposed a few times. They are not
>attractive when compared to earth orbit, but the proposal keeps coming up
>every couple of years.
>
>A trip to Mars was once suggested by the team designing Phase 3D. It was
>mentioned during some lectures, maybe it is written down in articles in the
>proceedings.
>This project silently disappeared when Phase 3D plans became more
>definitive.
>
>To know if something is mentioned on the web, use a search-engine...
>
You seem bored with the idea! I see them as interesting projects to do because of the interest they would raise in the public not there utility for communications. But of coarse, if a set of small communications satellites where placed around Mars it would make losing probes less likely.

Dogpile! That is the search engine I use (www.dogpile.com).

Chris Vancil
Member NSS, The Mars Society and The Moon Society
http://hometown.aol.com/CLVANCIL/

1687. Re: Amateur Satellites and the Moon

Newsgroup: rec.radio.amateur.space
Date: 2000-06-27 00:00:00 UTC
From: clvancil@aol.com.de-spam
Message-ID: <20000627184907.01534.00000184@ng-cu1.aol.com>
Source record: 9021

Edgar J. Kaiser wrote:

>Hi Chris,
>
>Mars Global Surveyor used to operate (I don't know if it is still
>active) a beacon on 437.1 MHz, at about 4 watts to an omnidirectional
>antenna. Amateurs successfully detected the carrier and proved doppler
>shift according to the Mars orbit and relative movement to earth. They
>used moderate antennas (a group of helices), non cryogenic preamps and
>very sophisticated FFT software, but all running on a PC/soundcard. You
>may want to have look at
>
>http://www.webcom.com/af9y/
>
>Interesting site anyway!
>

It has some nice stuff on weak signal Radio Astronomy as well I bookmarked it
and thanks.

Chris Vancil
Member NSS, The Mars Society and The Moon Society
http://hometown.aol.com/CLVANCIL/

1688. Re: Amateur Satellites and the Moon

Newsgroup: rec.radio.amateur.space
Date: 2000-06-27 00:00:00 UTC
From: clvancil@aol.com.de-spam
Message-ID: <20000627185451.01534.00000186@ng-cu1.aol.com>
Source record: 9022

Gary Coffman wrote:

>On Mon, 26 Jun 2000 18:20:29 +0200, "Edgar J. Kaiser"
><edgar.kaiser@t-online.de> wrote:
>>Hi Chris,
>>
>>Mars Global Surveyor used to operate (I don't know if it is still
>>active) a beacon on 437.1 MHz, at about 4 watts to an omnidirectional
>>antenna. Amateurs successfully detected the carrier and proved doppler
>>shift according to the Mars orbit and relative movement to earth. They
>>used moderate antennas (a group of helices), non cryogenic preamps and
>>very sophisticated FFT software, but all running on a PC/soundcard. You
>>may want to have look at
>>
>>http://www.webcom.com/af9y/
>>
>>Interesting site anyway!
>
>Note that the satellite was not at Mars orbit when these tests were
>done. It was out about 4 million miles on its way to Mars (78 million
>miles). The rotation of the satellite was detected by the varying strength
>of the signal. Detection of the signal with the satellite in Mars orbit
>is outside the current practical state of the art for amateur systems.
>In other words, Goldstone can do it, but lesser systems can't.
>
>OTOH reception of Lunar Prospector in orbit about the Moon was
>relatively simple. A number of us did that. Of course the Moon is only
>a quarter of a million miles away. GEO (22,000 miles) and LEO (200
>miles) are much easier, of course. LEO communications can be
>achieved with an ordinary HT. It is also the cheapest orbit to reach,
>important when you have to hitchhike a ride to space.
>

It is pretty much true that the practical utility of these forays into "deep space" would not be in using them as Amsats have been used...a new reason for doing them would be need, I guess...
Chris Vancil
Member NSS, The Mars Society and The Moon Society
http://hometown.aol.com/CLVANCIL/

1689. Linux radio receivers for SID work?

Newsgroup: rec.radio.amateur.space
Date: 2000-06-28 00:00:00 UTC
From: aaronp@removeme-shore.net
Message-ID: <06d65.74$YH5.14339@news.shore.net>
Source record: 9023

I'm looking to setup an online automated SIDS receiver to help monitor for GRBs, the Sun, and things that would affect forward scatter. Basically I need a radio kit that I can use to pick up 24Khz and hook it up to linux through an analog to digital converter and thereby record it. Then I can write a perl script to do all sorts of fun with it. I'm having a heck of a time finding any info on this though.
Does anyone know of an A2D converter that works under Linux? The WinRadio card works well (i use it to monitor meteor showers) but it doesnt go down as low as 24Khz.
Any help is appreciated. Thanks!

Aaron Price, Technical Assistant, UNIX, CGI.
American Association of Variable Star Observers
http://www.aavso.org

1690. Soundmodem for linux

Newsgroup: rec.radio.amateur.space
Date: 2000-06-28 00:00:00 UTC
From: Richard Barry <9517936@firga.sun.ac.za>
Message-ID: <3959F79E.CF917995@firga.sun.ac.za>
Source record: 9024
Cross-posted to: rec.radio.amateur.digital,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.space

I'm trying to get a soundmodem for AX25 packet radio working under
linux. Can anyone give me some helpful information on how to do it,
and how well it works?
Thanx
Richard Barry

1691. Re: Soundmodem for linux

Newsgroup: rec.radio.amateur.space
Date: 2000-06-28 00:00:00 UTC
From: marsgal42@hotmail.com
Message-ID: <8jd6aqecf1@nnrp1.deja.com>
Source record: 9025
Cross-posted to: rec.radio.amateur.digital,rec.radio.amateur.digital.misc,rec.radio.amateur.equipment,rec.radio.amateur.space

In article <3959F79E.CF917995@firga.sun.ac.za>,
Richard Barry <9517936@firga.sun.ac.za> wrote:
> I'm trying to get a soundmodem for AX25 packet radio working under
> linux. Can anyone give me some helpful information on how to do it,
> and how well it works?

What have you done so far?

How is it failing?

Which mode?

What kind of sound card? Does it work as a sound card?

Kernel version, etc.?

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..." - Hospital/Shafte

Sent via Deja.com http://www.deja.com/
Before you buy.

1692. Re: Non-standard DBS uses?

Newsgroup: rec.radio.amateur.space
Date: 2000-06-28 00:00:00 UTC
From: Jim Dawdy <kc7rcy@no.spam>
Message-ID: <395ADA25.A385CAE9@no.spam>
Source record: 9026
Cross-posted to: rec.video.satellite.dbs,rec.radio.amateur.misc,rec.radio.amateur.space

Thats interesting- what format were they useing? MPEG2? If so, there are many off the shelf MPEG receiver/converter sets for the tvro market.

Receiveing should be the simple part of the equation...which from your message seems to be the case. Transmitting compressed digital video at reasonable frame rate takes up a fair chunk of bandwidth (certainly more than my cheesy 48k internet connection is capable of handleing). It is unfortunate that the amateur community has lagged in adopting and implementing high speed digital communication modes.

Although I eagerly await the launch of P3D due to financial constraints I am going to have to sell my dual band Icom and 2.4ghs downconverter setup... I was really hopeing to be able to play around with P3d's microwave bands, which is one reason for my initial question about non-standard uses for DBS hardware- the ku band stuff isn't all that far from the 10ghz band and there is a ton of stuff out there that could be modified... the 2.4 ghz downconverter I have is a drake wireless cable converter that a Japanese amatuer figured out how to convert to a 2m IF! Perhaps someone will be able to transmit digital video over p3d someday :-)

Jim
Kc7rcy

Paul Northover wrote:

> Jim Dawdy wrote:
>
> > Does anyone know of things you can do with a DBS system like pick up
> > signals from non directv/Dishnetwork satellites? Any "mods" (not card
> > hacking)?
> >
>
> At the Ham Radio exhibition in Fredrichshafen, Germany last weekend there
> was a demonstration of amateur digital video transmission. The receiver
> was a standard DVB (european equivalent to DBS) receiver from Nokia. This
> was fed from a modulation converter. The transmitter was a completely home
> brewed affair.
>
> Paul DL2GPN / G4OIF

1693. FA: AEA PK900 Multimode Data Controller

Newsgroup: rec.radio.amateur.space
Date: 2000-06-29 00:00:00 UTC
From: kf5oj@prodigy.net
Message-ID: <395ba2bf.3828393@news.prodigy.net>
Source record: 9027

Please see at:

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=370463927

Thanks

1694. FS: SSB Elec UEK-2000 SAT

Newsgroup: rec.radio.amateur.space
Date: 2000-06-30 00:00:00 UTC
From: Carl Sherman <csherman@flash.net>
Message-ID: <395BE9F5.3F928374@flash.net>
Source record: 9028

FOR SALE -- SSB-Electronic Model UEK-2000 SAT downconverter, ideal for working Mode-S on the new 3-D bird. RF: 2400 MHz. IF: 144 MHz. Bought it to use on Phase 3-D, then finally gave up and pursued other facets of Ham Radio, when the launch delay reached 2 years. This unit is essentially new. It has been tower mounted for a brief period, but never powered. Looks like new. Will sell for $300 and pay the freight in the US. First $300 money order buys the best downconverter for Mode S. Originally $459.95. Please communcate by e-mail.

Carl Sherman W5SBH
csherman@flash.net

1695. FA: ARR SP432VDG GAASFET RF Swithed Preamp

Newsgroup: rec.radio.amateur.space
Date: 2000-06-30 00:00:00 UTC
From: kf5oj@prodigy.net
Message-ID: <395d264b.5619587@news.prodigy.net>
Source record: 9029

Please see at:

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=371286814

Thanks
Clifton

1696. ***** Zandalea's World *****

Newsgroup: rec.radio.amateur.space
Date: 2000-07-01 00:00:00 UTC
From: zandalea@yahoo.com
Message-ID: <395d7ac2.1953278@news.mia.bellsouth.net>
Source record: 9030

Check Out These Web Sights

http://dreamwater.com/biz/zandalea5/Zandalea5.html

http://dreamwater.com/biz/zandalea5/Travel.html

http://www.geocities.com/doorman_33131/1.html?958925875890

http://www.mylinksite.com/zandalea5

http://www.geocities.com/dorie891/index.html?958980342270

1697. NEW AMATEUR RADIO WEBSITE!

Newsgroup: rec.radio.amateur.space
Date: 2000-07-01 00:00:00 UTC
From: compcnsult@aol.com
Message-ID: <20000701062814.04577.00000752@ng-fj1.aol.com>
Source record: 9031

Please visit my NEW AMATEUR RADIO WEBSITE!

http://www/callingcq.com

Please post items for sale, wanted, clob info, links to your
personal web pages, etc. All FREE! Also please sign the guestbook!

Until I finish the submit item pages just send me an email to:
callcqweb@aol.com

Thanks
Chuck
W0CBF

1698. Re: NEW AMATEUR RADIO WEBSITE!

Newsgroup: rec.radio.amateur.space
Date: 2000-07-01 00:00:00 UTC
From: compcnsult@aol.com
Message-ID: <20000701095823.15312.00000078@ng-bk1.aol.com>
Source record: 9032

I'm sorry the url is http://www.callingcq.com

The only thing worse than my typing is my proofreading.

73's
Chuck
W0CBF

1699. WTB: sat tracking interface

Newsgroup: rec.radio.amateur.space
Date: 2000-07-01 00:00:00 UTC
From: Gerry and/or Robin Lempicki <lempicki@psych.umass.edu>
Message-ID: <395dffdb@oit.umass.edu>
Source record: 9033

I am dusting off some of my sat gear and am in need of a tracking interface;
does anyone have one for sale? -Gerry

1700. AR5000+3 for sale

Newsgroup: rec.radio.amateur.space
Date: 2000-07-02 00:00:00 UTC
From: EAVESDROPPER <IAN@EAVSDROPPER.worldonline.co.uk>
Message-ID: <395fa41b@news.server.worldonline.co.uk>
Source record: 9034

I am considering the sale of me beloved AR5000+3 to pay for some ham equip and other stuff.

I would like to see what kind of offers people wanna make for it so e-mail me (ian@eavesdropper.worldonline.co.uk) if you are interested, SENSIBLE offers only thanks as I have a lot on my plate at the moment. It is 1 year old in mint condition, it has had a "proper straight out" discriminator tap to the rear socket (acc2) by reg ward (smc) ham radio shop, and I will sell it with all decoder software in my arsenal. Comes with box/manuals/leads and plugs etc and a car power adapter. Used mainly for space signals monitoring.

Current U.K market prices range from appx ?1450.00 to ?1549.00 (after searching the net) for this model new so use that as a guide.

I would consider PX with the following equip ?.

1) A decent laptop P.C /palm computer
2) A kenwood TM-D700E
3) A kenwood TH-D7E
3) A good GPS receiver

Any cash/px deals made will require a person-to-person meeting for exchange or cheque clearence will have to be done before dispatch!.

thanks

ian (eavesdropper)

1701. List of the rec.radio newsgroups

Newsgroup: rec.radio.amateur.space
Date: 2000-07-02 00:00:00 UTC
From: jeffreyh@Hawaii.Edu
Message-ID: <8joe38$5n9$1@news.hawaii.edu>
Source record: 9035
Cross-posted to: rec.radio.amateur.space,rec.radio.broadcasting,rec.radio.cb

```
Archive-name: radio/personal-brief-introduction

In an effort help ensure a poster's article reaches the appropriate
audience, below is a list of the rec.radio newsgroups. In most cases,
a group's name will explain its purpose. Cross-posting should rarely
be necessary.

rec.radio.broadcasting (devoted to the broadcast industry; moderated)
rec.radio.cb
rec.radio.info (periodic informational bulletins; moderated)
rec.radio.scanner
rec.radio.shortwave
rec.radio.swap (for buying, selling, and trading; not a discussion group)

rec.radio.amateur.antenna
rec.radio.amateur.boatanchors (tube-type communications equipment)
rec.radio.amateur.digital.misc (packet, pactor and other digital modes)
rec.radio.amateur.dx (long-distance amateur communications)
rec.radio.amateur.equipment (questions, comments regarding commercially-
built amateur gear; not for buying/selling)
rec.radio.amateur.homebrew (devoted to home-building ham gear)
rec.radio.amateur.policy (issues include code, restructuring, local
restrictions in conflict with FCC R&R)
rec.radio.amateur.space (satellites, meteor scatter, EME)
rec.radio.amateur.misc (any amateur topic not covered in the above groups)

(At least two other English language radio hierarchies exist, prefixed
with "uk" (United Kingdom), and "aus" (Australia), in place of "rec.")

Again, cross-posting should rarely be necessary. Many times, a long-
running thread results from a single cross-posted article, and its
content drifts further and further away from being "on-topic" in the
various NGs which receive each and every followup.

For more detailed information, see "Guide to the Rec.radio Newsgroups"
posted on the 15th of each month.

Jeffrey Herman, KH6O
```

1702. RS1

Newsgroup: rec.radio.amateur.space
Date: 2000-07-03 00:00:00 UTC
From: Hil <g4ynv@newearth.demon.co.uk>
Message-ID: <HuRpuIAfnQY5Ew+o@newearth.demon.co.uk>
Source record: 9036

Does anyone on this group know when RS1 was last heard?

--
Hil

1703. Dial tones on AO-27?

Newsgroup: rec.radio.amateur.space
Date: 2000-07-04 00:00:00 UTC
From: perplexed <aa1ea@my-deja.com>
Message-ID: <8jsrd0ecm1@nnrp1.deja.com>
Source record: 9037

Hi All,

This might be a dumb question, but here goes!

I just build an antenna for receiving 436 MHz
for AO-27 and other sats. I knew an AO-27 pass
was about to come over, so I went out to my
car and attached the antenna to my dual band
xcvr.

I couldn't xmit because I didn't have a switch installed
yet or a duplexer.

I heard the bird pretty well, considering this Kenwood
TMV-7A is a bit deaf on 440. But I also heard touch tones
and _dialing_ between a few of the contacts.

There were stations from Maine, Ohio and NY on
and I swear someone was dialing, like in a phone patch
and there was a dial tone!

Whatzzzz Up with this?

TNX ES 73,

Larry
AA1EA

Sent via Deja.com http://www.deja.com/
Before you buy.

1704. Instant Track and Win98 SE Problem

Newsgroup: rec.radio.amateur.space
Date: 2000-07-04 00:00:00 UTC
From: mfunaro@worldnet.att.net
Message-ID: <3962173b.2575377@netnews.worldnet.att.net>
Source record: 9038

Hello, I was running Instant Track and Win98 with no problem. I just reloaded my PC with Win98 Second Edition and I cant seem to set the TZ. (set tz= cst7cdt in the autoexec.bat) It used to work but when I loaded SE it quit working. Any ideas? 73, Mike

1705. Now what ?

Newsgroup: rec.radio.amateur.space
Date: 2000-07-04 00:00:00 UTC
From: Sam <alphacentauriNOalSPAM@i-plus.net.invalid>
Message-ID: <0da9edf4.92e928ca@usw-ex0103-019.remarq.com>
Source record: 9039

I would like to receive the images from the weather sats and any
any others. I downloaded the WXSat and I have a sound card. I
guess now all I need is the receiver. What will work. I have the
Yaesu FT-8100R, PRO-64 and the Yaesu FT-920. I dont guess any of
these will work will they or will they. If not could someone
recommend a good inexspensive one. Thanks, Sam
alphacentauri@i-plus.net

Got questions? Get answers over the phone at Keen.com.
Up to 100 minutes free!
http://www.keen.com

1706. Re: RS1

Newsgroup: rec.radio.amateur.space
Date: 2000-07-04 00:00:00 UTC
From: Sam <alphacentauriNOalSPAM@i-plus.net.invalid>
Message-ID: <0e391dac.948dbbb0@usw-ex0103-019.remarq.com>
Source record: 9040

Dont know . RS-1 : country-Russia, Launched-October 26 1978,
USS SPACECOM Cat. no. 11085, International Designation Code-
1978-100-B, Frequency- approximately 29.000 mhz . Good Luck !

Got questions? Get answers over the phone at Keen.com.
Up to 100 minutes free!
http://www.keen.com

1707. Re: Dial tones on AO-27?

Newsgroup: rec.radio.amateur.space
Date: 2000-07-04 00:00:00 UTC
From: Ron Arant <n4php@hiwaay.net>
Message-ID: <Qpp85.1188$Q7.54480@news-east.usenetserver.com>
Source record: 9041

Larry,

You could be hearing a phone patch link. Some times it cost to much to have
the Phone Co. put in a line at the repeater site so you link the phone line
to the repeater on another freq..

Ron, N4PHP

perplexed <aa1ea@my-deja.com> wrote in message
news:8jsrd0ecm1@nnrp1.deja.com...
> Hi All,
>
> This might be a dumb question, but here goes!
>
> I just build an antenna for receiving 436 MHz
> for AO-27 and other sats. I knew an AO-27 pass
> was about to come over, so I went out to my
> car and attached the antenna to my dual band
> xcvr.
>
> I couldn't xmit because I didn't have a switch installed
> yet or a duplexer.
>
> I heard the bird pretty well, considering this Kenwood
> TMV-7A is a bit deaf on 440. But I also heard touch tones
> and _dialing_ between a few of the contacts.
>
> There were stations from Maine, Ohio and NY on
> and I swear someone was dialing, like in a phone patch
> and there was a dial tone!
>
> Whatzzzz Up with this?
>
> TNX ES 73,
>
> Larry
> AA1EA
>
>
> Sent via Deja.com http://www.deja.com/
> Before you buy.

1708. Re: Dial tones on AO-27?

Newsgroup: rec.radio.amateur.space
Date: 2000-07-04 00:00:00 UTC
From: Sam <alphacentauriNOalSPAM@i-plus.net.invalid>
Message-ID: <05e28f3a.9660f136@usw-ex0103-019.remarq.com>
Source record: 9042

Could you give me the uplink and downlink frequencies for the
AO-27 ? Thanks, Sam alphacentauri@i-plus.net

Got questions? Get answers over the phone at Keen.com.
Up to 100 minutes free!
http://www.keen.com

1709. Re: Dial tones on AO-27?

Newsgroup: rec.radio.amateur.space
Date: 2000-07-04 00:00:00 UTC
From: marsgal42@hotmail.com
Message-ID: <8jtf7a$sg8$1@nnrp1.deja.com>
Source record: 9043

In article <05e28f3a.9660f136@usw-ex0103-019.remarq.com>,
Sam <alphacentauriNOalSPAM@i-plus.net.invalid> wrote:

> Could you give me the uplink and downlink frequencies for the
> AO-27 ? Thanks, Sam alphacentauri@i-plus.net

FAQ: visit http://www.amsat.org

You'll need the information there to figure out AO-27's
TEPR scheduling, in any case.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..." - Hospital/Shafte

Sent via Deja.com http://www.deja.com/
Before you buy.

1710. Re: Now what ?

Newsgroup: rec.radio.amateur.space
Date: 2000-07-04 00:00:00 UTC
From: marsgal42@hotmail.com
Message-ID: <8jtgo6tcp1@nnrp1.deja.com>
Source record: 9044

In article <0da9edf4.92e928ca@usw-ex0103-019.remarq.com>,
Sam <alphacentauriNOalSPAM@i-plus.net.invalid> wrote:

> I would like to receive the images from the weather sats and any
> any others. I downloaded the WXSat and I have a sound card. I
> guess now all I need is the receiver. What will work. I have the
> Yaesu FT-8100R, PRO-64 and the Yaesu FT-920. I dont guess any of
> these will work will they or will they. If not could someone
> recommend a good inexspensive one. Thanks, Sam

0. Pick up a copy of a reference like Taggart's weather satellite
book. While a little dated in some places (like sound cards and
the fun you can have with them), it's excellent in every other
respect. Buy it!

1. Antenna: I've used single dipoles, crossed dipoles, small
beams, Lindenblad, quadrifilar helix - they all work, to
varying degrees. They all have limitations. My first (really
bad) picture was on a rubber duck. Experiment!

2. Preamp, if needed: I started out without one. Then I
tacked a little MAR-6 job together. Then I built a BF961
preamp.

3. Figure out when satellites will be in the sky. I use sattrack,
which is also handy for questions of the form "When is the next
weather satellite due?"

4. Listen. The satellites are loud, and you will hear them.
Feed the results to the computer and see what happens.
Tip: record a pass or two to a wav file (11025 Hz/16 bits
for WXsat) so you can play them back at your leisure to see
how the software works.

My receiver is a modified Pro-43 scanner. I got my early
images (some of which were quite good) before I modified the
scanner, not being quite smart enough to understand that
receiver bandwidth was a life-and-death issue. Crummy pic-
tures are better than no pictures at all... :-)

Be prepared to experiment, and be prepared to tinker. That's
how this stuff works.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..." - Hospital/Shafte

Sent via Deja.com http://www.deja.com/
Before you buy.

1711. FOD Track PC boards....

Newsgroup: rec.radio.amateur.space
Date: 2000-07-04 00:00:00 UTC
From: ka3hsw@aol.comnojunk
Message-ID: <20000704175926.12612.00000436@nso-ff.aol.com>
Source record: 9045

I am going to have a circuit board for FOD-Track made up.... is there enough interest in them that I should have them make up more than one?????

73 de KA3HSW

delete "nojunk" from e-mail address before replying.

1712. Re: FOD Track PC boards....

Newsgroup: rec.radio.amateur.space
Date: 2000-07-04 00:00:00 UTC
From: Gerry and/or Robin Lempicki <lempicki@psych.umass.edu>
Message-ID: <39629937@oit.umass.edu>
Source record: 9046

Do you have an idea what the approx cost would be?...if reasonable I would
be interested.
-Gerry KA1STZ

"Ka3hsw" <ka3hsw@aol.comnojunk> wrote in message
news:20000704175926.12612.00000436@nso-ff.aol.com...
> I am going to have a circuit board for FOD-Track made up.... is there
enough
> interest in them that I should have them make up more than one?????
>
> 73 de KA3HSW
>
>
> delete "nojunk" from e-mail address before replying.

1713. New SEARCH-ENGINE (fast and powerfull) 25820 vicuapysuaf

Newsgroup: rec.radio.amateur.space
Date: 2000-07-05 00:00:00 UTC
From: mgqiwpqsc@yjyafdgpp.com
Message-ID: <39629403$1@news.takas.lt>
Source record: 8949

afxompythhyrip

Click link to visit our new super-fast search-engine

http://members.xoom.com/kabluk/search.htm

Easy to search in any themes

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• Visa • Bankruptcy
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To get a copy of this posting software go to
http://defisof.bizland.com/

vqdoyxxqdnykwf

stadlxrwaosn

1714. Re: FOD Track PC boards....

Newsgroup: rec.radio.amateur.space
Date: 2000-07-05 00:00:00 UTC
From: Clifford Buttschardt <cbuttsch@slonet.org>
Message-ID: <Pine.GSO.3.95.1000705110107.24504B-100000@oso.slonet.org>
Source record: 9047

Id be interested. Cliff K7RR

On Tue, 4 Jul 2000, Gerry and/or Robin Lempicki wrote:

> Do you have an idea what the approx cost would be?...if reasonable I would
> be interested.
> -Gerry KA1STZ
>
>
> "Ka3hsw" <ka3hsw@aol.comnojunk> wrote in message
> news:20000704175926.12612.00000436@nso-ff.aol.com...
> > I am going to have a circuit board for FOD-Track made up.... is there
> enough
> > interest in them that I should have them make up more than one?????
> >
> > 73 de KA3HSW
> >
> >
> > delete "nojunk" from e-mail address before replying.
>
>
>
>

1715. Re: RS1

Newsgroup: rec.radio.amateur.space
Date: 2000-07-05 00:00:00 UTC
From: Hil <g4ynv@newearth.demon.co.uk>
Message-ID: <QknMMBAFy6Y5Ew9W@newearth.demon.co.uk>
Source record: 9048

>Dont know . RS-1 : country-Russia, Launched-October 26 1978,
>USS SPACECOM Cat. no. 11085, International Designation Code-
>1978-100-B, Frequency- approximately 29.000 mhz . Good Luck !

RS1's batteries failed shortly after launch, but it very often sent garbled telemetry on its 29.401MHz beacon when it was in sunlight. I was reminded of it when someone on the RS12/13 forum asked about it. I last heard it in 1988 (when it took a fair amount of detective work to track it as it was assumed that no-one would want elements for a satellite with a dead transponder, and of course there was no internet!)

It's extremely unlikely that the solar panels are still working a further 12 years after I last heard it, but I wondered whether anyone had heard it since then. In case anyone's interested...

RS-01
1 11085U 78100B 00109.86113005 .00000016 00000-0 10000-3 0 8647
2 11085 82.5477 50.0446 0012977 356.5751 3.5205 11.96498937938267

--
Hil G4YNV

1716. Re: FOD Track PC boards....

Newsgroup: rec.radio.amateur.space
Date: 2000-07-06 00:00:00 UTC
From: Jim Jerzycke <kq6ea@pacbell.net>
Message-ID: <3963E7C8.57A050B0@pacbell.net>
Source record: 8950

How much, and when?
Regards, Jim

1717. Re: Non-standard DBS uses?

Newsgroup: rec.radio.amateur.space
Date: 2000-07-06 00:00:00 UTC
From: pmunsel@aol.com
Message-ID: <20000705233306.02727.00000254@ng-cd1.aol.com>
Source record: 8951

Actually with the information that has been brought about, it looks as if it lead to a Ham tech message, whether it was intended to or not. I am interested in the possibility of using these dishes etc for Ham myself. I am sure others are as well.
73,
Paul Munsel N5XMV

1718. Re: FOD Track PC boards....

Newsgroup: rec.radio.amateur.space
Date: 2000-07-06 00:00:00 UTC
From: ka3hsw@aol.comnojunk
Message-ID: <20000706004221.19250.00003295@nso-fm.aol.com>
Source record: 8952

In article <39629937@oit.umass.edu>, "Gerry and/or Robin Lempicki"
<lempicki@psych.umass.edu> writes:

>
>Do you have an idea what the approx cost would be?...if reasonable I would
>be interested.
>-Gerry KA1STZ
>

No more than $10, shipped.

73 de KA3HSW

delete "nojunk" from e-mail address before replying.

1719. Re: FOD Track PC boards....

Newsgroup: rec.radio.amateur.space
Date: 2000-07-06 00:00:00 UTC
From: Gerry and/or Robin Lempicki <lempicki@psych.umass.edu>
Message-ID: <39645d92@oit.umass.edu>
Source record: 8953

Well, I don't think anyone can complain about that! I'm in as long as it's fairly quick; I need an interface soon. Thanks! -Gerry Let me know details as they fall into place!

"Ka3hsw" <ka3hsw@aol.comnojunk> wrote in message news:20000706004221.19250.00003295@nso-fm.aol.com...
> In article <39629937@oit.umass.edu>, "Gerry and/or Robin Lempicki"
> <lempicki@psych.umass.edu> writes:
>
> >
> > >Do you have an idea what the approx cost would be?...if reasonable I would
> > >be interested.
> > >-Gerry KA1STZ
> > >
>
> No more than $10, shipped.
>
> 73 de KA3HSW
>
>
> delete "nojunk" from e-mail address before replying.

1720. Re: Instant Track and Win98 SE Problem

Newsgroup: rec.radio.amateur.space
Date: 2000-07-06 00:00:00 UTC
From: None@dontevntry.oro
Message-ID: <8k1sph$9fp$1@news.uky.edu>
Source record: 8954

In article <3962173b.2575377@netnews.worldnet.att.net>,
mfunaro@worldnet.att.net says...
>
>Hello, I was running Instant Track and Win98 with no problem. I just
>reloaded my PC with Win98 Second Edition and I cant seem to set the
>TZ. (set tz= cst7cdt in the autoexec.bat) It used to work but
>when I loaded SE it quit working. Any ideas? 73, Mike
Windows 95/98/98SE all act weird sometimes.
As a first step, make a batch files that calls IT and has "SET=CST7CDT"
before IT.EXE. If that does not work, try cahnging the properties of
IT to "hide windows from this program".
And if all else fails, exit to "MS-DOS" before running IT.
BTW it works great on my p233 with 98SE.

1721. Re: FOD Track PC boards....

Newsgroup: rec.radio.amateur.space
Date: 2000-07-06 00:00:00 UTC
From: "3.14159265358979323846264338327 95" <ipete88@hotmail.com>
Message-ID: <4e895.152$YI6.9837@news1.southeast.rr.com>
Source record: 8955

What's an FOD Track? I'm interested, but don't know what it is.

Peter

Gerry and/or Robin Lempicki <lempicki@psych.umass.edu> wrote in message
news:39645d92@oit.umass.edu...
> Well, I don't think anyone can complain about that! I'm in as long as
it's
> fairly quick; I need an interface soon. Thanks! -Gerry Let me know
> details as they fall into place!
>
>
>
> "Ka3hsw" <ka3hsw@aol.comnojunk> wrote in message
> news:20000706004221.19250.00003295@nso-fm.aol.com...
> > In article <39629937@oit.umass.edu>, "Gerry and/or Robin Lempicki"
> > <lempicki@psych.umass.edu> writes:
> >
> > >
> > > >Do you have an idea what the approx cost would be?...if reasonable I
> would
> > > >be interested.
> > > >-Gerry KA1STZ
> > > >
> >
> > > No more than $10, shipped.
> >
> > > 73 de KA3HSW
> >
> >
> > > delete "nojunk" from e-mail address before replying.
>
>

1722. Re: FOD Track PC boards....

Newsgroup: rec.radio.amateur.space
Date: 2000-07-06 00:00:00 UTC
From: Bruce Cox <peacox@gloryroad.net>
Message-ID: <396517A9.C634B924@gloryroad.net>
Source record: 8956

Curious as to what is is. I might be interested also. Looks like a lot of interest. K4AVO

Ka3hsw wrote:

> I am going to have a circuit board for FOD-Track made up.... is there enough
> interest in them that I should have them make up more than one?????
>
> 73 de KA3HSW
>
> delete "nojunk" from e-mail address before replying.

1723. Re: FOD Track PC boards....

Newsgroup: rec.radio.amateur.space
Date: 2000-07-06 00:00:00 UTC
From: Jim Jerzycke <kq6ea@pacbell.net>
Message-ID: <396518BE.8AF45BEC@pacbell.net>
Source record: 8957

Cool! Keep me posted, and I'll buy a couple.
73, Jim

1724. Re: FOD Track PC boards....

Newsgroup: rec.radio.amateur.space
Date: 2000-07-06 00:00:00 UTC
From: Gerry and/or Robin Lempicki <lempicki@psych.umass.edu>
Message-ID: <396535e4@oit.umass.edu>
Source record: 8958

Satellite Tracking Programs
FodTrack 2.5 (190K)
A simple, straightforward program intended to control azimuth-elevation
rotators, now with transceiver control for Doppler tracking and support for
a GPS receiver for automatic time and position. Simple text display. The
rotor controller is connected to a parallel port (circuit diagram included),
or via a GS-232 or RC-2800 serial interface. Implements rotor flipping and
automatic control. Written by Manfred Mornhinweg, XQ2FOD. (See also FODDRV,
a KCT-compatible rotor driver for the FODTRACK parallel port interface, and
FOD-INIT, an interface from WiSP to FODTRACK.)

Program and info is available at http://www.amsat.org/amsat/ftpsoft.html

"3.14159265358979323846264338327 95" <ipete88@hotmail.com> wrote in message
news:4e895.152$YI6.9837@news1.southeast.rr.com...
> What's an FOD Track? I'm interested, but don't know what it is.
>
> Peter
>
>
> Gerry and/or Robin Lempicki <lempicki@psych.umass.edu> wrote in message
> news:39645d92@oit.umass.edu...
> > Well, I don't think anyone can complain about that! I'm in as long as
> it's
> > fairly quick; I need an interface soon. Thanks! -Gerry Let me know
> > details as they fall into place!
> >
> >
> >
> > "Ka3hsw" <ka3hsw@aol.comnojunk> wrote in message
> > news:20000706004221.19250.00003295@nso-fm.aol.com...
> > > In article <39629937@oit.umass.edu>, "Gerry and/or Robin Lempicki"
> > > <lempicki@psych.umass.edu> writes:
> > >
> > > >
> > > >Do you have an idea what the approx cost would be?...if reasonable I
> > would
> > > >be interested.
> > > >-Gerry KA1STZ
> > > >
> > >
> > > No more than $10, shipped.
> > >
> > > 73 de KA3HSW
> > >

> > >
> > > delete "nojunk" from e-mail address before replying.
> >
> >
>
>

1725. Re: FOD Track PC boards....

Newsgroup: rec.radio.amateur.space
Date: 2000-07-06 00:00:00 UTC
From: Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>
Message-ID: <wo1puoqadvk.fsf@netcom10.netcom.com>
Source record: 8959

"Gerry and/or Robin Lempicki" <lempicki@psych.umass.edu> writes:

>
> Satellite Tracking Programs
> FodTrack 2.5 (190K)
> A simple, straightforward program intended to control azimuth-elevation
> rotators, now with transceiver control for Doppler tracking and support for
> a GPS receiver for automatic time and position. Simple text display. The
> rotor controller is connected to a parallel port (circuit diagram included),
> or via a GS-232 or RC-2800 serial interface. Implements rotor flipping and
> automatic control. Written by Manfred Mornhinweg, XQ2FOD. (See also FODDRV,
> a KCT-compatible rotor driver for the FODTRACK parallel port interface, and
> FOD-INIT, an interface from WiSP to FODTRACK.)
>
> Program and info is available at http://www.amsat.org/amsat/ftpsoft.html
>
>
> "3.14159265358979323846264338327 95" <ipete88@hotmail.com> wrote in message
> news:4e895.152$YI6.9837@news1.southeast.rr.com...
> > What's an FOD Track? I'm interested, but don't know what it is.
> >

And there's a DDE for using it with WISP and The Station, apparently.
I'm definitely up for one, or maybe two.

73, doug

1726. Re: FOD Track PC boards....

Newsgroup: rec.radio.amateur.space
Date: 2000-07-06 00:00:00 UTC
From: Ralph Mowery <rmowery@dialpoint.net>
Message-ID: <396530E5.BF57FC0A@dialpoint.net>
Source record: 8960

Go to the amsat.org webpage and look under the download files section
for a program called fodtrack. It is a simple program to track the sats
and a very nice and cheap interface for the az/el rotators. Also does
some frequency tracking for some of the radios. I have one I ordered
from the club in South America. The circuit board is fine, but he box
it is in is not very nice, but it sure gets the job done.
The program is free and the schematic for the interface is included.
The circuit could probably be built for $ 10 to $ 15 and a few more for
the box to put it in and some cables. One for the printer port and one
to go to the rotator box.

Sometimes I run that program and another fancy graphics tracking program
at the same time in windows. ONe for the rotator and one to look at.

"3.14159265358979323846264338327 95" wrote:
>
> What's an FOD Track? I'm interested, but don't know what it is.
>
> P

1727. Uniden ARU 251K repeater help, please?

Newsgroup: rec.radio.amateur.space
Date: 2000-07-06 00:00:00 UTC
From: Broadcast Services <hawkfm@peoplescom.net>
Message-ID: <Zuc95.99883$5k2.213726@dfw-read.news.verio.net>
Source record: 8961

I realize that this is the wrong group, but I'm hoping someone will see
this and know where I can find a book on this repeater.
I have one of these units in which the receiver "drops out" after a
"warming period". Can anyone help me find a manual and/or schematic?

--

Terry Keith Hammond
President/Chief Engineer

http://hawkfm.tripod.com

Broadcast Services
P.O. Box 155
Mount Vernon, TX. 75457

(903) 588-2532 (Voice & Fax)

The radio business is a cruel and shallow money trench, a long plastic
hallway where thieves and pimps run free, and
good men die like dogs.
There's also a negative side."
- Hunter S. Thompson

1728. Re: FOD Track PC boards....

Newsgroup: rec.radio.amateur.space
Date: 2000-07-07 00:00:00 UTC
From: ka3hsw@aol.comnojunk
Message-ID: <20000706235908.26213.00001599@nso-cv.aol.com>
Source record: 8962

It now looks like there is interest in about 10 boards, so I will place an order for that many when I return from New Orleans next week.

If each person who expressed an interest would send me an e-mail, directly (see nospam instructions at end of message), with the number desired, I would appreciate it, just to make sure I have an accurate count.

73 de KA3HSW

delete "nojunk" from e-mail address before replying.

1729. Re: FOD Track PC boards....

Newsgroup: rec.radio.amateur.space
Date: 2000-07-07 00:00:00 UTC
From: ka3hsw@aol.comnojunk
Message-ID: <20000706235909.26213.00001600@nso-cv.aol.com>
Source record: 8963

In article <396535e4@oit.umass.edu>, "Gerry and/or Robin Lempicki"
<lempicki@psych.umass.edu> writes:

>
>Satellite Tracking Programs
>FodTrack 2.5 (190K)
>A simple, straightforward program intended to control azimuth-elevation
>rotators, now with transceiver control for Doppler tracking and support for
>a GPS receiver for automatic time and position. Simple text display. The
>rotor controller is connected to a parallel port (circuit diagram included),
>or via a GS-232 or RC-2800 serial interface. Implements rotor flipping and
>automatic control. Written by Manfred Mornhinweg, XQ2FOD. (See also FODDRV,
>a KCT-compatible rotor driver for the FODTRACK parallel port interface, and
>FOD-INIT, an interface from WiSP to FODTRACK.)

The interface is also supported directly by The Station Program and Nova for
Windows.

73 de KA3HSW

delete "nojunk" from e-mail address before replying.

1730. making money fast and easy

Newsgroup: rec.radio.amateur.space
Date: 2000-07-07 00:00:00 UTC
From: CyberSikh@mother.COM
Message-ID: <000701bfe84c$c04ea000$8e2168cf@desixInc>
Source record: 8964
Body handling: HTML body converted to readable text

This is a multi-part message in MIME format.

------=_NextPart_000_0004_01BFE812.13511700

charset="iso-8859-1"

Posted by EWAN MacTaggart, From: on January 13, 2000 at 00:28:33:=20

In Reply to: Re: $$How to Make Easy and Fast Money Legally$$ posted by =
j-man on January 16, 1999 at 16:36:37:=20

Now here is how you can make Millions of $$$$s or =A3=A3=A3=A3=A3s or =
any currency in the world!!!=20

PRINT THIS PAGE NOW OR YOU WILL BE SORRY!!!!=20

Now you probably have been scanning different news groups to find out =
which one is the best, haven=91t you? I certainly did. But don=91t leave =
just yet. You=91ve probably seen newsgroups which start =90 I was =
looking through a newsgroup, just like you are now=91 =90I was sceptical =
at first=91 and =90I=91ve spent more than that on lottery tickets=91 I =
have seen many of them around. Asking for you to send $6 and you=91ll =
receive $15,000.=20
Well I=91m asking you to send $10 and receive well over $5,000,000 (5 =
million bucks).
I know it sounds crazy but here is what you have to do. Follow the =
instructions CAREFULLY.=20

1) Get 10 $1 bills and wrap them in separate pieces of paper each saying =
" Add me to your mailing list Please." Also your name and address.=20

2) Put these separate pieces of paper and put them into separate =
envelopes, sending each one to the names below. You should now have 10 =
envelopes with each $1 in and with your name inside.=20

3) Now you need to send this message to 200 newsgroups on the Internet. =
What you do is put your cursor at the top and highlight it all and =
select =90copy=91 then open up =90Word=91 or anything to write on and =
select =90paste=91. Now all you need to do is place your name and =
address on the number 10 spot and move everybody up a place, so 10 =
becomes 9, 9 becomes 8 ect, ect, now knock number 1 off the top, so 2 =
becomes 1.=20

4) Here are the names you need to send the money to.=20

1) R L Enterprises, P.O. Box, 808 Festus, MO 63028, USA=20

2) W.C. Daniels, 5910 Transit Rd. Depew, NY 14043, USA=20

3) Chris Adkins, 127 Cupsaw Dr., Ringwood N.J. 07456 USA=20

4)Simon Belgian, 1212 Viola Ave., Glendale CA, 91202 USA=20

5) Creative Consulting, 4302 N. 16th Ave., Phoenix, AZ 85015 USA=20

6) M L Enterprises 27-1300 King St. E. Box 135 Oshwa Ontario, Canada L =
1H-8J4=20

7) S. Soudakov Elmshurst House Bromsgrove School Worcs B61 7Du England=20

8) S. Kerr 21 Serpentine Rd Selly Park Birmingham B29 7HU=20

9) Ewan MacTaggart 10 Cordingley Close Churchdown Gloucester GL3 2EN =
England.=20

10) Pauj Espon Enterprises, 441 Avocet Ave. Davis CA 95616 USA

Now this is how it works.=20
As you post this, to 200 newsgroups and people read and think =90 Ah I =
will join up to this.=91 And let=91s say only 5 people reply (a very low =
number)=20
That is $5. Now those 5 people send out 200 news groups and follow the =
instructions as your name is at number 9. Lets say 5 people answer to =
each 200 news groups, then that=91s another $25. Now if they follow the =
instructions carefully, your name is at number 7 and you get $125. Now =
if those 125 people send out 200 news groups you receive $625. And again =
your name moves up to 6 and you receive $3,125. They now post the news =
groups and your name moves up to 5 and those people reply you get =
$15,625. Now this is where the newsgroups I was speaking about earlier =
finish, that=91s it. $6, 6 places. But now your name is now sent out at =
your name at number 4 and you receive $78,125. Your name has still got 3 =
more places to go yet. So now with your name at no 3 you get a whopping =
$390,625. Once again your name moves to 2 and you are going to receive =
$1,953,125 (1 million nine hundred and fifty thousand, one hundred and =
twenty five dollars!!!!!!) But wait, you=91ve got one more place to move =
up. Number 1. You will receive $9,765,625. Can you grasp how much that =
is Nine Million. Oh no, your name had drooped of the list, oh well just =
start again and get some more MILLIONS rolling in. These numbers have =
only been calculated, if only 5 people respond to each 200 newsgroups, =
just think of how many people are on the net!! It has been estimated =
that 20,000 to 50,000 join the Internet every month!

The reason why you must send off the money in the first place is that =
you create a legal service and this is not fraud. If you did NOT SEND =
THE MONEY then you would be committing FRAUD and can be put away, =
because you are using other people=91s name for your own good.=20

Please play fairly and send the money and you will receive tons, in the =
next few weeks!!=20

------=_NextPart_000_0004_01BFE812.13511700

charset="iso-8859-1"

Posted by EWAN MacTaggart, From: on January 13, 2000 at 00:28:33: =

In Reply to: Re: $$How to Make Easy and Fast Money Legally$$ posted by j-man on January 16, 1999 =
at 16:36:37:=20

Now here is how you can make Millions of $$$$s or=20
£££££s or any currency in the world!!! =

PRINT THIS PAGE NOW OR YOU WILL BE SORRY!!!!

Now you probably have been scanning different news groups to find out =
which=20
one is the best, haven‘t you? I certainly did. But don‘t =
leave just=20
yet. You‘ve probably seen newsgroups which start =90 I was looking =
through a=20
newsgroup, just like you are now‘ =90I was sceptical at =
first‘ and=20
=90I‘ve spent more than that on lottery tickets‘ I have seen =
many of=20
them around. Asking for you to send $6 and you‘ll receive $15,000. =

Well I‘m asking you to send $10 and receive well over =
$5,000,000 (5=20
million bucks).
I know it sounds crazy but here is what you have to =
do.=20
Follow the instructions CAREFULLY.

1) Get 10 $1 bills and wrap them in separate pieces of paper each =
saying=20
" Add me to your mailing list Please." Also your name and =
address.=20

2) Put these separate pieces of paper and put them into separate =
envelopes,=20
sending each one to the names below. You should now have 10 envelopes =
with each=20
$1 in and with your name inside.

3) Now you need to send this message to 200 newsgroups on the =
Internet. What=20
you do is put your cursor at the top and highlight it all and select=20
=90copy‘ then open up =90Word‘ or anything to write on and =
select=20
=90paste‘. Now all you need to do is place your name and address =
on the=20
number 10 spot and move everybody up a place, so 10 becomes 9, 9 becomes =
8 ect,=20
ect, now knock number 1 off the top, so 2 becomes 1.

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L 1H-8J4=20

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Now this is how it works.
As you post this, to 200 newsgroups and =
people=20
read and think =90 Ah I will join up to this.‘ And let‘s say =
only 5=20
people reply (a very low number)
That is $5. Now those 5 people send =
out 200=20
news groups and follow the instructions as your name is at number 9. =
Lets say 5=20
people answer to each 200 news groups, then that‘s another $25. =
Now if=20
they follow the instructions carefully, your name is at number 7 and you =
get=20
$125. Now if those 125 people send out 200 news groups you receive $625. =
And=20
again your name moves up to 6 and you receive $3,125. They now post the =
news=20
groups and your name moves up to 5 and those people reply you get =
$15,625. Now=20
this is where the newsgroups I was speaking about earlier finish, =
that‘s=20
it. $6, 6 places. But now your name is now sent out at your name at =
number 4 and=20
you receive $78,125. Your name has still got 3 more places to go yet. So =
now=20
with your name at no 3 you get a whopping $390,625. Once again your name =
moves=20
to 2 and you are going to receive $1,953,125 (1 million nine hundred and =
fifty=20

thousand, one hundred and twenty five dollars!!!!!!) But wait, =
you‘ve got=20
one more place to move up. Number 1. You will receive $9,765,625. Can =
you grasp=20
how much that is Nine Million. Oh no, your name had drooped of the list, =
oh well=20
just start again and get some more MILLIONS rolling in. These numbers =
have only=20
been calculated, if only 5 people respond to each 200 newsgroups, just =
think of=20
how many people are on the net!! It has been estimated that 20,000 to =
50,000=20
join the Internet every month!

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in the first place is that you create a legal service and this is not =
fraud. If=20
you did NOT SEND THE MONEY then you would be committing FRAUD and can be =
put=20
away, because you are using other people‘s name for your own good. =

Please play fairly and send the money and you will receive tons, in =
the next=20
few weeks!!

------=_NextPart_000_0004_01BFE812.13511700--

1731. Radio Meteor Obs. Bull. June 2000

Newsgroup: rec.radio.amateur.space
Date: 2000-07-07 00:00:00 UTC
From: steyaert@vvs.be
Message-ID: <39665023.3611215@news.innet.be>
Source record: 8965
Cross-posted to: rec.radio.amateur.space,sci.astro.amateur

Radio Meteor Observation Bulletin No. 83 July 2000

1. FORWARD SCATTER METEOR OBSERVATIONS

Observer: Enric Fraile Algeciras
Location: Paseo Bonanova, 8 Barcelona (02 07'E, 41 24' N)
Frequency: 48.24715 MHz.
Transmitter Location: Biedenkopf C2 TV, Video Frequency 48.250 MHz,
ERP 100 kW, Azimuth 90 +/-65
Antenna: Six element Yagi 617-6B, 14 dBi gain, horizontal polariz.
Azimuth 200 deg (NE), elevation 20 deg
Receiver: home made converter 20 dB gain, 1 dB noise and Kenwood TS-830S.
10 dB attenuator in the receiver to reduce direct reception
Sensitivity: 0.25 uV for 10 dB S/N
Observing method: the audio signal of the video carrier is received using
a narrow CW filter (500 Hz) and fed into the PC in real time.
Data sampling system: own written software "MSD" with sound card.

| June 2000
UT | 1 2 9 10 11 12 13 14 15
----+---
0h| 47 63 29 82 31 21 54 66 36
1 | 30 29 30 21 16 15 58 49 53
2 | 2 0 38 40 36 22 54 74 56
3 | 12 47 56 47 44 34 127 96 89
4 | 17 55 63 97 73 53 109 137 121
5 | 6 88 80 101 58 147 152 163
6 | 8 102 90? 107? 52 129 107? 162
7 | 1 96 78? 39? 63 109 181? 93
8 | 0 68 105? 18 30 84 82 46
9 | 5 112 35 18 21 111 61 12
10 | 10 31 21 23 68? 52 49 11
11 | 12 54 56 119? 30 86 94 48
12 | 29 70 118? 53 39 147? 181 121
13 | 12 96 73 63 123? 233? 219 130
14 | 0 102? 76 54 184? 6? 132 103
15 | 0 6? 57 44 107 134? 87 57
16 | 4 6? 40 34 73 64 54 37
17 | 13 32? 15 15 30 45 71 26
18 | 7? 6 10 19 22 59? 7
19 | 10 7? 169? 10 23 155? 28 35
20 | 23 183? 157? 10 22 12? 78 20
21 | 60 227? 66 15 27 254? 92 53
22 | 28 67 73 25 46 207? 67 33

```
23 | 0 25 14 22 46 79 58 32
----+-----------------------------------------------
UT | 1 2 9 10 11 12 13 14 15
| June 2000

| June 2000
UT | 17 18 19 20 21 22 23 24 25 26 27 28 29 30
----+-----------------------------------------------------------------------
0h| 60 42 - 66 46 38 137 57 65 21 - 58 41 80
1 | 53 44 - 55? 48 51 63 43 83 21 - 37 28 86
2 | 77 46 - 50 69 72 57 45 74 24 - 44 40 53
3 | 111 80 - 64 77 71 82 56 68 19 - 96 56 66
4 | 111 135 - 124 99 84 102 86 97 24 - 112 112 81
5 | 145 160 - 137 101 137 76 103 119 12 - 112 95 130
6 | 131 137 - 129? 85 111 92 117 86 10 - 103 67 129
7 | 44 124 - 139? 52 127 233 95 126 14 - 82 76 133
8 | 31 35 - 30? 34 37 78 120 55 10 - 67 71 106
9 | 12 - - 3 64? 47 70 75 48 11 28 56 64 37
10 | 16 - - 19 21 15 55 42 141 3 77 62 113 1?
11 | 43 - 31 5 30 32 52 44 54 - 94? 93 86 3?
12 | 84 - 74 12 66 68 84 83 65 - 81? 80 64 18
13 | 105 - 105 42 166 102 114 114 97 - 86? 67 93 39
14 | 85 - 97 21 116 81 79 111 109 - 60 90 90 21
15 | 75 - 79 2 62 65 73 163 86 - 33 54 51 106
16 | 45 - 47 4 47 36 43 157 48 - 54 51 81 51
17 | 29 - 20 1 29 47 32 26? 39 - 36 77 34 51
18 | 23 - 18 49 27 27 22 6? 41 - 21 64? 40 39
19 | 24 - 20? 230? 34 54 15 70? 29 - 23 110? 48 30
20 | 23 - 83? 122? 25 21 37 111 41 - 62 25? 34 37
21 | 35 - 277? 31 40 35 45 193 24 - 48 57 49 78
22 | 52 - 69 55 57 101 56 54 128 - 59 51 65 68
23 | 69 - 62 52 30 47 62 51 50 - 60 45 60 50
----+-----------------------------------------------------------------------
UT | 17 18 19 20 21 22 23 24 25 26 27 28 29 30
| June 2000

Note:
. ? probably affected by sporadic-E or FAI
. - MSD testing using different parameters.

Enric Fraile Algeciras

-------------------------------------------------------------------------------
Observer: Michael Boschat
Location: Halifax, Canada (63 36'W, 44 39'N, 58 meters above sea level)
Listening Frequency: 83.24 MHz
Receiver: Icom R-10
Antenna : resonant dipole
Antenna Direction: Horizontally polarized with lobes in E-W plane, elev 0 deg
Filter : high-Q (Q at least 300) bandpass filter between antenna & receiver.
Listening Mode: CW
```

Recording method: listening by ear

June 2000

Number of meteors heard in one hour interval

```
2000| UT
Jun | 09h 10 11 12 13 14 15 16 17 18 19 20 21
----+-------------------------------------------------
1 | - - - 23 41 29 - - - - - - -
2 | 7 - - - - - - - - - - - -
3 | - - 28 62 59 - - 60 71 44 18 - -
4 | - - 19* 38* 17* 57* 52* 15 - - - - -
5 | - 15 28 21 55 94 58 - - - - - -
6 | - 5 24 46 26 15 - - - - - - -
7 | - - 50 80 60 56 55 - - - 28 14 8
8 | - 3 5 26 84 85 97 63 30 12 - - -
9 | - - 28 52 37 107 112 41 99 101 92 75 -
10 | - - 5 95 83 48 52 75 73 65 - - -
11 | - - - - - - - - - - - - -
12 | - - - - - - - - - - - - -
13 | - - 19 23 26 - - - - - - -
14 | - - - - - - - - - - - - -
15 | - - - - - - - - - - - - -
16 | - 14 11 36 77 72 84 39 12 - - - -
17 | - - 3 17 19 14 - - - - - - -
18 | - - - - - - - - - - - - -
19 | - - - - 43 52 21 - - - - - -
----+-------------------------------------------------
| 09h 10 11 12 13 14 15 16 17 18 19 20 21
```

Notes:
. no corrections for radiant position made to the counts.
. - = no observations made.
. * = interference

Mike Boschat

Observer: Maurice De Meyere
Location: Deurle, Belgium (3 37' E, 51 00' N)
Frequency: 66.51 MHz
Transmitter locations (all stations of more than 10 kW):
66.35 MHz, Klaipeda, Lithuania 12 kW, 05h00-22h00
66.47 Viesintos Lithuania 12 05h00-22h00
66.62 Budapest Hungary 100 24hrs
66.68 Valmiera Latvia 20 04h30-22h00
Antenna: crossed Yagi (x form), 4 elements, astronomical azimuth 270 deg (= E), elevation 27 deg.
Antenna amplifier: 25 dB max level 90 dBmuV
Receiver: commercial, Progresson 447A, TESLA (Bratislava)
The receiver was calibrated with a Marconi TF2008 signal

generator. Sensitivity: 5 muV (modulation frequency
1000 Hz, frequency sweep 38 kHz) at (S+N)/N = 20 dB.
SWR of antenna alone at 66.5 MHz: 1.4/1 (good to very good),
measured with MFJ/259P SWR analyzer (HF-VHF 1.8 MHz to 170 MHz)
on Sep 28, 1998.
Observing method: automated setup, 150 samples/second, 8 bit resolution.
[Time and details of all individual meteor reflections are stored
on file in the Ghent University format (Prometeos), and are
available for further analysis. Reduction software for DOS and
Windows available].

June 2000

Raw counts of reflections with a duration of at least 0.027 s
during one hour interval starting at UT:

June	UT										
2000	20h	21	22	23	00	01	02	03	04	05	06
1- 2											
2- 3	?	?	?	?	16	9	49	58	84	?	?
3- 4	thunderstorms										
4- 5	19	32	62?	86?	15	12	58	59	114	131	103
5- 6	44	19	30	18	21	16	58	112	137	86	78
6- 7	19	25	7	8	6	17	66	99	90	46	20
7- 8	27	30	42	25	14	18	65	116	81	?	?
8- 9	16	30	?	?	4	8	46	97	145?	106?	129?
9-10	sporadic E + thunderstorms										
10-11	0	40	11	8	1	7	35	103	82	?	1
11-12	48	42	3	1	7	11	60	?	99	?	?
12-13	5	?	?	45	?	10	5	4	32	?	?
13-14	34	?	?	28	26	3	7	6	33	6	42
14-15											
15-16	0	22	38	?	?	4	77	95?	?	?	?
16-17	21	56?	58?	?	1	3	23	56	74	?	?
17-18											
18-19	4	31	17	17	1	3	14	12	22	32	?
19-20											
20-21											
21-22	28	19	10	18	1	9	44	38	88	53	74
22-23	18	12	8	14	2	4	35	41	63	44	55
23-24	21	22	13	3	5	9	59	88	78	88	
24-25											
25-26	7	18	5	1	4	6	21	30	50	36	30
26-27	23	23	13	12	3	15	55	83	84	104	92
27-28	?	11	54?	48?	3	1	14	21	75	93	63
28-29	28	37	4	32	6	13	36	23	?	90	80
29-30	43	24	6	8	4	8	68	79	81	87	62
30- 1	28	29	10	?	1	15	64	84?	84	?	?
2000	20h	21	22	23	00	01	02	03	04	05	06

June | UT

Raw counts of reflections with a duration of at least 1.000 s
during one hour interval starting at UT:

June | UT
2000 | 20h 21 22 23 00 01 02 03 04 05 06
------+---
1- 2 |
2- 3 | ? ? ? ? 12* 1 8 8 27* ? ?
3- 4 |
4- 5 | 7* 13* 36? 52? 8* 2 9 7 48* 58* 44*
5- 6 | 10* 5* 6 1 11* 2 7 16 26 13 11
6- 7 | 4* 6* 1 3* 1 1 9 21* 13 6 1
7- 8 | 3 14* 20* 10* 4* 1 10 19 11 ? ?
8- 9 | 2 7* 42* 77? 1* 1 9 18 51* 42* 66*
9-10 |
10-11 | 0 11* 2 0 1* 1 7 21* 18* ? 0
11-12 | 11* 11* 0 0 1 4* 6 32 30* ? ?
12-13 | 0 39* ? 31* ? 6* 3* 2* 12* ? ?
13-14 | 9* ? ? 7* 22* 1* 0 1 12* 1 23*
14-15 |
15-16 | 0 6* 15* 63* 57* 1* 13 16 36* ? ?
16-17 | 6* 24* 38? 74? 1* 0 3 9 21* ? ?
17-18 |
18-19 | 3* 7* 5* 14* 1* 0 1 2 2 12* ?
19-20 |
20-21 |
21-22 | 8* 9* 8* 8* 0 0 7 6 14 6 12
22-23 | 0 2 2* 5* 0 1* 7 8 10 12* 7
23-24 | 2 7* 7* 0 1* 1 11 13 13 15
24-25 |
25-26 | 2* 6* 1 0 0 1 3 2 4 6 1
26-27 | 8* 6* 4* 5* 0 0 9 16 22* 22* 25*
27-28 | ? 2 24? 24? 0 0 0 5* 17* 20* 12
28-29 | 6* 9* 2* 15 1 5* 3 3 ? 28* 14
29-30 | 14* 4 1 1 1* 2* 10 12 13 12 7
30- 1 | 4 5 5* ? 0 6* 18* 15 23* ? ?
------+---
2000 | 20h 21 22 23 00 01 02 03 04 05 06
June | UT

Notes:
. ? probably affected by sporadic-E, tropo, direct reception.
. * warning for relative high number of long duration reflections,
an indication for potential stream activity.
. local time = UT + 2 hours

Maurice De Meyere

Observer: Didier Favre

Location: Annecy, France, 6 08' E, 45 55'
Frequency: 105.75 MHz
Antenna: 3 elements Yagi, direction North-East, elev. 60 deg
Receiver: Tuner Yamaha TX-480L
Observing method: METEOR v 4.0 on a 66 MHz PC486, THRESHOLD = 6
The recordings have been corrected in displaying the RAW
file with Colorgramme v1.5

| Jun 2000
UT | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
---+---
0 | 0 1 0 0 0 0 1 1 0 2 0 1 2 1 1
1 | 2 0 0 0 0 0 2 1 1 3 3 3 2 0 1
2 | 2 4 2 2 1 0 1 1 6 9 1 3 1 3 0
3 | 0 2 2 2 2 1 3 1 2 2 5 5 1 4 4
4 | 0 1 0 0 2 2 2 2 0 0 2 2 2 0 8
5 | 4 6 1 2 2 6 1 3 1 3 0 2 1 5 5
6 | 2 7 5 5 1 1 6 5 2 7 0 7 1 2 1
7 | 0 3 1 3 1 7 4 4 3 5 1 6 2 1 2
8 | 0 4 0 2 2 3 7 2 0 0 0 2 0 0 1
9 | 5 4 0 5 0 3 6 0 1 0 1 1 0 2 3
10 | 0 7 0 6 3 0 8 0 0 0 0 4 1 5 1
11 | 0 2 0 4 6 2 1 2 0 0 0 0 0 1 3
12 | 3 2 1 4 3 3 0 5 1 0 7 2 3 2 3
13 | 0 6 5 2 8 8 1 10 1 1 1 3 4 3 1
14 | 6 6 2 0 5 7 3 6 3 1 3 0 0 0 6
15 | 4 0 3 2 5 9 6 7 0 1 2 3 2 2 7
16 | 0 0 0 0 4 1 2 1 3 0 2 0 0 2 2
17 | 0 2 0 1 2 0 1 1 1 0 4 0 0 2 1
18 | 0 1 6 1 7 2 5 0 0 0 0 2 0 1 1
19 | 0 0 2 0 6 7 4 0 0 0 0 2 0 2 1
20 | 4 1 0 0 1 2 3 4 1 0 2 2 0 0 1
21 | 0 0 0 0 0 0 0 0 1 0 0 0 0 1 0
22 | 4 1 0 0 0 1 2 0 1 1 0 1 0 0 0
23 | 0 0 2 0 0 0 1 0 0 1 1 1 1 0 1
---+---
UT | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
| Jun 2000

| Jun 2000
| 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
---+---
0 | 1 0 0 2 4 1 0 2 2 0 3 6 2 1 4
1 | 1 1 0 0 0 0 1 0 3 3 1 1 1 0 0
2 | 1 2 0 0 1 1 1 0 2 4 2 1 1 0 0
3 | 1 1 0 0 2 0 0 2 2 5 1 1 0 1 0
4 | 1 2 0 0 1 0 0 1 1 2 2 4 0 0 1
5 | 4 4 4 3 0 0 0 2 1 2 6 3 2 7 9
6 | 3 2 1 1 1 2 1 4 4 4 1 0 3 4 8
7 | 2 0 1 0 0 1 2 2 4 3 2 2 2 6 9
8 | 2 0 1 0 0 1 1 1 0 1 2 0 3 5 2

```
9 | 2 2 2 0 0 1 3 1 0 2 2 0 0 5 2
10 | 1 0 0 0 0 1 0 1 2 0 0 7 0 1 3
11 | 1 0 0 1 0 2 2 3 0 1 2 0 2 1 2
12 | 1 1 2 0 0 1 2 0 0 2 0 0 1 3 4
13 | 3 0 2 0 1 1 1 1 1 3 3 0 2 0 3
14 | 4 6 4 2 2 0 4 1 4 2 2 2 0 2 2
15 | 3 3 3 0 0 2 1 0 1 1 4 0 1 1 3
16 | 0 1 0 0 3 1 0 0 0 2 2 3 1 2 3
17 | 0 0 0 0 0 3 2 0 1 0 1 1 1 1 1
18 | 0 0 0 0 1 1 0 1 0 0 0 0 1 3 1
19 | 0 2 0 0 0 0 0 1 1 0 2 0 2 0 0
20 | 0 0 1 0 0 2 0 1 2 0 5 0 1 0 0
21 | 0 1 0 1 0 1 0 0 0 1 0 1 0 0 0
22 | 0 0 0 1 0 1 2 2 1 0 0 1 0 0 0
23 | 4 2 1 1 0 0 0 0 0 2 0 1 0 0 2
---+------------------------------------------------------------
| 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
| Jun 2000
```

Didier Favre

Location: Astronomical Observatory, Ghent University, Belgium
(ED50 coordinates: 3 42' 32" E, 51 01' 25" N)
Antenna (2x): 4 elements horizontal Yagi, pointed East, elevation= 20 deg
Antenna amplifier: 10 dB gain
narrow band resonance lambda/4 antenna filter
Frequency: (1)=66.29 MHz (signal) and (2)=65.3 MHz (interference control)
Receiver (2x): modified commercial FM receiver
Data acquisition: 12 bits PC-based A/D convertor, 250 Hz sampling rate
Interference rejection:
dual setup: receiver (1) tuned at distant transmitter, receiver (2)
tuned at empty frequency. Anti-coincidence measurement rejects
registration of broadbanded spurious signals (lightning, computers,
ignition motors, etc).
Further information:
see WWW page (additional info + observational data)
http://allserv.rug.ac.be/~hdejongh/astro/meteor/meteor.html
Data format:
results are shown as total reflection time, expressed as
a percentage. The actual number shows 10 times this value.
When no figure is shown, the equipment was either out of service,
or results could have been affected by interference, sporadic-E.

```
-------------------------------------------------------------
| Jun 2000 | 10x % reflec. time | horiz: day | vert: time UT|
-------------------------------------------------------------
| 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
---+---------------------------------------------------------
0 | 12 18 21 11 21 22 6 13 9 46 16 32 5 10
1 | 9 15 9 21 13 50 8 29 22 13 21 18 13 16 21
```

```
2 | 12 18 17 20 30 13 19 32 18 49 28 26 42 29 40
3 | 23 32 23 29 43 27 52 48 39 54 80 48 57 31
4 | 31 51 35 65 41 56 37 61 65 39 41 37 66 78
5 | 61 46 30 98 70 58 52 43 31 50 17 88 77
6 | 71 94 94 97 40 51 93 100 86 49 63 56
7 | 50 47 91 70 80 91 75 129 118 67 57 59
8 | 49 70 38 111 73 93 84 87 131 105 101 70 55
9 | 74 71 44 102 83 84 133 76 135 105 83 52 60
10 | 54 65 146 108 78 99 117 94 75 58 72
11 | 47 55 73 67 85 88 87 77 59 51 41 42
12 | 36 62 57 58 64 66 65 76 49 43 45 48 41
13 | 22 49 47 59 46 30 47 66 51 38 25 35
14 | 18 38 22 67 33 42 48 38 60 56 35 36 32
15 | 24 43 37 26 29 50 46 42 32 20
16 | 10 13 12 37 24 14 15
17 | 41 3 11 17 5 15 10 57 9
18 | 18 10 12 6 8 5 4 44 46 6
19 | 12 9 11 10 7 9 6 5 6 8 4
20 | 8 11 4 8 11 6 6 5 10 9 8 16 10
21 | 5 7 9 10 4 12 8 5 7 6 8 11 8 9
22 | 3 4 2 2 6 10 9 2 34 6 5 14 7 7 7
23 | 3 6 10 5 4 3 6 3 45 3 10 10 5 5 6
---+-------------------------------------------------------------
| 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

-------------------------------------------------------------
| Jun 2000 | 10x % reflec. time | horiz: day | vert: time UT|
-------------------------------------------------------------
| 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
---+---------------------------------------------------------
0 | 15 10 8 7 7 8 18 24 29 20 15 5 19 18
1 | 23 46 15 13 15 18 17 19 25 26 25 14 17 23
2 | 30 25 20 11 23 66 56 49 65 52 29 32 50 61
3 | 34 51 23 29 22 41 41 73 64 50 48 39 101 45
4 | 45 54 33 24 32 48 44 54 60 64 57 47 76 47
5 | 59 76 51 41 46 51 39 68 47 59 91 55 68 58 78
6 | 68 42 47 56 55 83 82 54 44 54 37 40
7 | 80 69 44 28 67 55 84 67 54 65 74 53
8 | 68 76 52 38 50 24 56 57 62 67 55 78
9 | 67 68 42 53 39 87 51 60 77 49 58 89
10 | 62 74 56 61 32 33 36 50 58 50 46
11 | 66 47 58 47 30 27 38 62 50 73 33 46
12 | 45 31 58 37 25 35 26 33 86 39 20 59 27 23
13 | 54 47 38 28 30 32 25 32 47 29 25 24 35 29 34
14 | 35 37 28 30 22 25 23 34 26 16 31 19 27
15 | 25 22 25 21 17 26 23 22 24 19 16
16 | 18 21 18 16 34 33 50 10 12 8
17 | 13 28 16 16 8 9 16 10
18 | 7 12 11 11 12 6 10 9 16
19 | 10 18 28 4 27 6 6 6 45 7
```

```
20 | 14 11 6 14 14 8 8 19 17 11 14 18 19 13
21 | 11 5 13 12 12 12 11 9 6 13 12 10 8 13 13
22 | 4 8 4 7 6 8 6 7 8 14 4 8 14 13 5
23 | 5 6 7 7 6 10 10 13 7 10 6 9 7 9 12
---+------------------------------------------------------------
| 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
```

Note:
. interference, mainly sporadic E and thunderstorms, mutilated this month's observations. An increase around June 10 due to the zeta Perseids.
Almost no observations during the activity period of the beta Taurids
at the end of the month.

Pierre De Groote

Observer: H. W. Kelsey
Location: Conway, Arkansas USA (92 25' W, 35 02' N)
Frequency: 89.5 MHz
Transmitter: Tulsa OK & Salina/Manhattan KS
Receiver: Sangean 803A
Antenna: Yagi Heading: SNW
Antenna: Yagi Heading: NW or SNW
Observing Method: Recorded on Audio Tape

Underdense/Overdense Scale:
Overdense: 0.5 second or more duration
Underdense: less than 0.5 second duration

Each observed hour is 60 minutes, exactly.

June Over- Under-
2000 hr-UT dense dense Total

---

1 0200-0300 Data lost to Tropo Ducting (TD)
2 0200-0300 7 20 27
3 1200-1300 16 35 51
4 1200-1300 44 66 110
5 1200-1300 38 41 79
6 1200-1300 48 57 105
7 1200-1300 22 39 61
8 1200-1300 9 16 25 RFI
9 1200-1300 Data lost to Tropo Ducting
10 1145-1245 15 38 53
1315-1415 17 34 51
11 1315-1415 43 42 85
12 1300-1400 36 44 80
13 1300-1400 6 8 14 severe TD
14 0930-1030 6 13 19 severe TD
15 0930-1030 3 12 15 minor TD
16 0930-1030 14 15 29
1300-1400 24 33 57

17 1300-1400 29 30 59
18 1245-1345 29 33 62
19 1245-1345 14 22 36
20 1245-1345 27 20 47
21 1245-1345 31 28 59
22 1230-1330 6 11 17
23 1230-1330 13 15 28
24 1230-1330 Data Lost to Tropo Ducting
25 1230-1330 2 11 13 severe TD
26 1215-1315 28 23 51
27 1215-1315 17 10 27
28 1215-1315 13 18 31
29 1215-1315 13 8 21
30 1200-1300 13 19 32

Will Kelsey

Observer: R.B. Minton
Location: Raton, NM (104 26' W, 36 54' N, 2000 m above sea level)
Frequency: 92.9 MHz
Transmitters: KTZA FM 100 kW, Artesia NM, dist 444 km, geogr azim 178 deg
KSPZ FM 53 kW, Color. Springs, dist 217 km, geogr azim 352 deg
KYBR FM ? kW, Espanola NM, dist 180 km, geogr azim 236 deg
???? FM ? kW, Juarez Mexico, dist 579 km, geogr azim 198 deg
KWFM FM 90 kW, Tucson AZ, dist 798 km, geogr azim 233 deg
Antenna: folded dipole, on 6.3 m high mast, oriented N-S
Receiver: Subaru 12 V DC car radio with digital tuning
Observing method: conditioned audio input in the game port of an IBM 386 SX-50 PC, 128 samples/second, DOS/Basic software, automatic

Total hourly counts

May 2000

May 2000	UT																					
	0h	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	5	2	5	4	4	6	4	7	2	4	5	1	6	9	9	15	13	8	10	7	1	7	9	6
2	7	7	4	7	6	1	4	5	4	2	3	0	4	7	5	19	9	6	8	3	2	8	12	7
3	8	8	6	8	6	5	5	4	2	10	8	16	12	11	9	30	8	22	13	2	6	7	14	11
4	5	3	4	9	15	5	7	7	3	12	9	4	12	8	4	19	11	12	6	5	2	6	7	4
5	7	5	9	9	3	8	4	7	3	8	12	16	0	16	36?22	7	11	11	7	12	2	7	6	
6	15	6	10	7	18	10	3	10	7	12	13	11	12	8	12	13	11	11	1	6	8	3	10	7
7	11	14	8	10	9	3	10	5	3	10	9	12	8	14	14	19	27	7	9	8	8	12	13	7
8	9	12	7	7	3	6	4	8	7	8	9	12	11	20	6	22	22	10	2	7	20	12	11	34?
9	26?28?	5	13	7	3	2	4	6	3	6	10	11	6	10	14	14	14	10	5	9	10	13	12	
10	15	15	4	7	11	11	12	11	3	10	3	11	8	11	18	14	18	11	10	5	2	8	11	9
11	8	8	4	11	7	11	6	2	1	10	11	10	11	13	11	14	13	5	9	4	9	10	9	9
12	5	18	1	9	9	8	16	6	3	5	7	6	3	6	15	15	16	14	7	10	10	9	9	8
13	9	11	8	10	12	13	6	7	11	2	5	5	10	16	13	15	19	13	4	5	6	4	11	7
14	7	8	9	10	2	5	7	5	6	4	10	5	2	8	5	12	15	12	5	8	12	5	16	12

```
15 | 6 7 8 8 9 7 4 6 3 15 0 0 0 16 16 13 16 13 7 6 6 2 14 8
16 | 13 11 15 11 5 3 3 5 5 8 6 7 7 4 5 22 10 7 3 7 7 9 11 8
17 | 3 18 9 10 11 8 6 7 1 3 10 7 5 8 13 13 15 15 7 7 8 12 22 8
18 | 9 10 15 10 14 8 7 9 8 10 8 6 9 9 10 26 14 20 9 9 7 9 13 8
19 | 6 6 5 6 11 5 4 6 5 6 7 1 3 7 8 12 16 13 16 21?25? 7 6 3
20 | 4 6 8 6 8 6 7 7 5 3 5 5 5 6 6 15 17 13 6 34?76? 7 18 32?
21 | 48? 3 5 6 5 3 3 3 2 2 3 1 2 6 8 11 9 8 10 3 1 2 14 9
22 | 7 6 10 18 6 2 3 6 8 7 2 4 7 8 6 16 30 12 24 3 7 6 16 5
23 | 14 6 1 8 12 5 2 4 1 4 6 5 5 4 14 16 11 10 3 6 8 6 10 5
24 | 5 5 11 12 11 7 3 9 7 5 8 8 6 11 12 17 18 21 23 25 13 8 14 14
25 | 9 16 11 22 11 9 1 1 3 5 8 6 5 6 7 12 13 19 15 12 8 29?24? 6
26 | 11 4 7 7 9 5 5 2 3 3 5 4 2 9 9 8 9 5 1 10 8 10 8 10
27 | 5 14 4 19 10 9 3 5 2 4 4 1 3 3 4 8 8 9 4 7 0 8 13 3
28 | 6 12 2 6 10 4 7 3 2 6 6 9 4 4 9 9 20 16 11 5 7 3 21 5
29 | 6 2 2 4 3 3 9 4 6 7 1 4 7 10 10 21 11 10 6 7 9 10 22 7
30 | 9 9 2 12 9 5 9 7 1 9 5 5 9 12 5 34?13 10 6 8 14 8 19 27?
31 | 9 10 11 9 9 7 7 10 5 6 6 13 6 10 9 20 17 14 11 10 4 19 48?10
----+------------------------------------------------------------------------
2000| 0h 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23
May| UT
```

Note: lightning activity or ionization on the following dates:
June 5, 8, 9, 20, 25, 30, and 31

Signal duration distribution for the above period

Duration (s)	Number
< 0.1	2240
0.1 to 0.3	1697
0.3 to 1	1249
1 to 3	958
3 to 10	426
10 to 30	62
> 30	7

R.B. Minton

Observer: Ton Schoenmaker
Location: Roden, Netherlands (06 26' E, 53 08' N)
Frequency: 55.275 MHz
Transmitter: Spanish TV channel E3 (video); transmitters in La Muela (30 kW), Gamoniteiro (50 kW) and Aitana (60 kW); all stations within 100 Hz of nominal frequency; distance ~ 1500 km
Antenna: 4-element horizontal Yagi, geographical azimuth 195 degrees (SSW), elevation 15 degrees
Receiver: Yupiteru MVT-9000 in FM mode; sensitivity 0.5 uV at 12 dB S/N
Observing: audio signal from ear-phone socket was rectified, digitized and fed into a PC via the parallel computer port. HP VEE was used to process the digitized signal and to store 15-minutes counts of reflections stronger than 0.063 uV (-131 dBm). Also for all individual meteors date, time, duration (dead time) and maximum

signal are stored.

June 2000

Uncorrected hourly counts for signals stronger than 0.063 uV

| 1 2 3 4 5 6 7 8 9 18 19 20 21 22
UT |Jun Jun Jun Jun Jun Jun Jun Jun Jun Jun Jun Jun Jun Jun
-----+--
00h| - * 66 76 77 88 76 97 93 - 118 * 140 102
01 | - 71 63 98 101 103 * 114 90 - 150 * 160 134
02 | - 114 66 140 133 134 * 126 136 - 175 189 208 176
03 | - * 137 163 195 202 149 200 191 - 203 208 205 193
04 | - 146 127 216 202 241 188 243 223 - 240 254 237 225
05 | - 179 190 215 245 260 * 245 290 - 280 233 228 237
06 | - 174 170 256 226 274 * 267 277 - 206 250 236 226
07 | - 131 * 241 236 276 * 243 284 - * * 206 224
08 | - * * 246 206 268 * 206 * * * * 207 187
09 | - * * 129 * 181 * 146 * 130 * * 171 *
10 | 60 102 * 117 * 95 87 98 * 113 131 * * 89
11 | 50 44 114 * * 97 * 82 * * 130 * * 90
12 | 75 67 135 * * 129 * 137 * * 141 * * 130
13 | 78 110 172 * * 99 * 189 * * 149 * * 130
14 | 92 * 162 164 * 136 167 179 * * 157 * * 148
15 |100 * * 134 * 52 104 129 * 130 137 * 117 *
16 | 53 * * 89 * 74 * 86 * 99 91 83 86 *
17 | * * * 46 * * * 52 * 49 * * * *
18 | * * * 34 * * * 19 - * * * * 31
19 | 20 * * 37 * * 20 10 - * 43 77 37 31
20 | 26 38 * 42 * * 28 31 - * 63 * 47 52
21 | 35 60 38 48 * 33 53 29 - 47 * * 64 -
22 | 50 57 42 46 65 66 54 54 - 86 * * 106 -
23 | 62 72 67 67 98 72 67 60 - 83 * 155 129 -
-----+--
UT | 1 2 3 4 5 6 7 8 9 18 19 20 21 22
|Jun Jun Jun Jun Jun Jun Jun Jun Jun Jun Jun Jun Jun Jun

Notes:
-: no observations
*: affected by enhanced ionospheric or tropospheric propagation
At many times the counts were affected by sporadic-E or tropo conditions.
All hourly counts with more than 10 minutes dead time were discarded.
Under normal conditions the dead time per hour ranges from 1 to 7 minutes.

Ton Schoenmaker

Observer: Dave Swan
Location: Christchurch UK (50.47 N 1.44 W)
Receiver: Pro 2006 (modified to give a carrier detected
output for Chessell 301 pen recorder).
Sensitivity NFM: 0.5 uV (S+N)/N = 20 dB Dev: 3 kHz

at 1 kHz BW 9 kHz.Calibrated: 1/05/00
Antenna: 4 element Yagi broadband design for 50-70 MHz Gain 9.2 dBi.
Azimuth 95deg elevation 8 deg. Two 3 stage constant K
filters fitted after the antenna, (High and Low pass)
to reduce out of band interference and
intermodulation products causing spurious meteor counts.
Frequency: 66.62 MHz
Transmitter: Budapest 100 kW 24 hrs
Computer: Olivetti 386 Notebook with Meteor v 4.0 software

| June 2000
UT | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
---+---
00h| 1 5 2 6 3 4 3 3 4 5 6 4 3 0 2
01 | 2 7 2 5 5 7 4 0 1 4 2 3 4 5 8
02 | 3 2 2 2 2 4 4 8 0 4 9 0 4 5 6
03 | 8 3 5 4 3 2 5 5 1 7 4 1 2 6 1
04 | 8 4 5 1 3 2 5 5 6 1 6 2 3 1 10
05 | 4 4 4 0 3 2 7 5 3 4 5 4 8 7 3
06 | 5 3 3 4 0 5 2 2 1 3 2 4 5 3 7
07 | 3 5 2 8 4 3 4 2 6 5 3 1 0 4 9
08 | 3 3 3 7 6 4 1 0 5 31 5 3 4 0 8
09 | 1 7 4 1 3 3 1 5 0 2 2 1 7 1 4
10 | 5 1 2 2 3 0 1 6 37 2 4 4 9 6 1
11 | 7 5 3 1 2 3 8 2 55 3 6 6 4 7 9
12 | 4 1 2 4 7 3 2 0 4 3 18 3 3 4 5
13 | 4 3 5 5 6 4 3 1 4 2 4 6 2 3 1
14 | 2 6 2 0 6 4 2 1 9 5 5 17 4 5 2
15 | 5 12 10 5 6 4 5 4 16 3 0 10 10 3 3
16 | 3 1 2 3 24 2 4 2 21 5 2 8 5 7 1
17 | 3 5 5 3 19 4 1 0 36 34 4 2 8 2 0
18 | 2 7 2 4 3 6 7 7 40 40 2 7 42 9 2
19 | 0 4 8 3 3 2 3 4 1 13 6 3 88 6 0
20 | 4 4 1 4 6 4 3 1 3 2 1 1 88 6 6
21 | 3 7 3 4 3 5 2 5 18 2 6 6 32 14 9
22 | 3 1 6 6 6 2 2 1 3 4 2 3 7 6 3
23 | 4 4 4 8 4 3 2 1 7 5 2 6 3 7 2
---+---
UT | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
| June 2000

| June 2000
UT | 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
---+---
00h| 1 2 3 0 4 2 5 9 7 5 9 4 6 10 3
01 | 6 2 5 7 3 2 6 3 5 3 2 6 4 7 2
02 | 3 3 2 4 0 7 4 2 2 6 3 4 3 3 3
03 | 3 1 1 2 2 21 1 0 2 3 6 4 9 4 5
04 | 3 4 4 1 1 23 2 6 4 6 7 3 6 5 5
05 | 7 0 2 8 29 3 4 7 5 1 6 8 5 5 3
06 | 2 2 2 7 34 7 8 4 7 7 3 4 3 2 5

```
07 | 5 7 3 3 30 12 1 6 3 6 5 5 5 3 5
08 | 0 4 1 2 3 3 10 4 2 5 8 4 9 4 4
09 | 1 2 2 3 3 2 4 5 7 3 2 4 2 7 4
10 | 2 4 6 8 2 6 7 5 3 3 7 1 4 4 4
11 | 2 3 3 4 5 7 6 2 1 7 1 2 4 4 6
12 | 2 5 3 3 12 7 7 8 6 2 1 9 3 10 5
13 | 2 5 6 2 6 9 7 5 8 6 6 5 6 6 3
14 | 5 3 11 11 4 3 5 6 4 2 4 2 4 0 7
15 | 5 3 12 2 2 4 3 3 3 4 0 3 7 7 2
16 | 4 3 7 1 6 4 5 8 6 5 1 1 8 6 6
17 | 7 7 3 3 19 3 3 5 7 3 6 9 4 6 3
18 | 6 19 5 6 10 5 9 7 6 3 11 8 5 0 6
19 | 5 11 18 4 5 9 2 8 2 4 14 3 2 6 5
20 | 4 5 2 1 3 5 7 4 2 6 5 4 1 7 6
21 | 3 4 6 2 4 6 15 5 7 5 0 5 7 3 2
22 | 2 8 2 3 5 2 4 7 8 7 3 5 4 0 4
23 | 2 3 4 6 8 2 4 4 5 4 5 7 5 7 5
---+-----------------------------------------
UT | 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
| June 2000

Note: high counts on June 8,9, and 13 are due to sporadic E

Dave Swan

--------------------------------------------------------------------------------
Observer: Pierre Terrier
Location: Canet, France (3 36'E, 43 41' N)
Frequencies: 93.8 MHz
Transmitter Location:
93.8 France Musique Eyne (66) public service
93.8 France Musique Osseja (66) public service
93.8 France Culture Port Vendres (66) public service
93.8 France Musique Font-Romeu (66) public service
93.8 BFM Marseille (13)
Antenna: 6-element Yagi FM, horizontal polar.
azimuth 0 deg (N-S), elevation 90 deg. (zenith)
Pre-amplifier: home made, gain 15 dB, Nf < 2 dB
Receiver: Tuner FM Continental Edison digital synthesiser TU 9945
Observing method: Electronic interface on LINE output audio signal are fed in
COM1: of PC IBM 386 25 MHz.
METEOR v 4.0 version processes the signal and records on
hard disk the time of the events.
METEOR parameters: THRESHOLD = 16

| June 2000
UT | 1 2 3 4 8 9 10 11 12 13 14 15
---+------------------------------------------------
0 | 5 0 7 12 4 4 20 14 8 25 2
1 | 7 9 7 9 7 10 42 20 3 20 8
2 | 7 5 3 20 9 20 37 35 7 33 12
```

```
3 | 11 9 9 24 22 13 32 27 8 26 20
4 | 16 11 13 36 14 5 38 35 9 34 20
5 | 10 30 23 34 10 27 49 44 7 39 23
6 | 10 16 28 44 12 34 51 54 14 34 16
7 | 10 10 23 26 19 31 28 7 8 10 12
8 | 13 5 23 8 17 12 24 12 7 2 12
9 | 3 8 17 7 8 10 17 8 6 3 9
10 | 4 3 2 12 11 36 16 2 4 3 8
11 | 7 6 3 16 4 6 36 8 4 4 4
12 | 7 6 5 9 17 7 5 9 6 13 6
13 | 12 5 7 6 19 3 13 3 19 12 19
14 | 6 5 7 1 10 83 15 7 20 19 23
15 | 6 12 11 2 12 125 6 23 8 14 25
16 | 10 6 14 7 9 38 9 8 9 12 14
17 | 7 7 8 3 3 91 3 0 14 21 13
18 | 2 2 10 2 1 42 1 2 17 6 32
19 | 8 3 0 0 1 77 0 11 79 5 29
20 | 11 8 4 1 1 16 4 6 61 2 9
21 | 4 6 5 3 6 35 7 11 38 5 29
22 | 23 10 6 5 13 11 2 3 4 11 12
23 | 7 2 15 7 7 21 8 5 11 8 13
---+-------------------------------------------------
UT | 1 2 3 4 8 9 10 11 12 13 14 15
| June 2000

| June 2000
UT | 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
---+------------------------------------------------------------
0 | 13 15 34 57 64 1 5 24 39 28 14 14 11 42 17
1 | 25 27 13 117 90 1 26 31 41 32 10 18 18 44 41
2 | 3 20 11 18 24 1 29 41 23 27 26 36 20 38 59
3 | 19 16 25 12 17 1 3 26 18 30 27 30 22 26 14
4 | 26 24 27 29 22 1 10 28 18 22 25 15 29 25 21
5 | 22 33 31 21 24 7 11 23 41 36 24 30 24 28 27
6 | 28 28 37 22 30 10 15 20 37 34 29 31 25 38 16
7 | 32 24 41 17 21 2 14 25 21 18 28 24 17 17 18
8 | 29 18 21 23 34 3 10 16 28 19 20 21 21 20 15
9 | 27 15 10 6 62 2 11 15 17 14 13 15 12 23 17
10 | 13 15 12 11 43 2 9 11 49 17 12 11 7 11 9
11 | 21 20 6 8 17 2 11 12 98 12 11 20 12 10 12
12 | 29 18 13 14 11 1 13 10 43 13 6 41 22 8 65
13 | 26 16 18 14 8 0 21 13 14 10 16 12 16 15 30
14 | 23 15 14 11 21 1 10 16 16 14 16 12 10 14 16
15 | 27 15 14 18 10 1 8 20 54 16 10 10 15 12 17
16 | 22 15 20 14 10 5 14 7 96 12 8 10 11 12 10
17 | 47 14 18 16 3 0 9 16 54 7 5 9 7 9 3
18 | 57 17 20 10 4 3 5 2 46 6 5 20 5 6 1
19 | 52 8 22 22 2 0 10 3 21 8 4 4 3 4 0
20 | 45 4 4 6 4 3 8 11 13 6 11 25 15 18 2
21 | 29 11 13 17 4 2 8 42 13 10 9 6 12 17 3
```

```
22 | 11 8 48 126 2 1 7 20 11 13 12 7 12 9 7
23 | 13 15 15 10 0 6 17 14 19 19 12 9 16 10 3
---+-----------------------------------------------------
UT | 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
| June 2000
```

Note: data are not corrected for Sporadic E.

Pierre Terrier

Observer: Garfield Tsao (BM2EQB)
Location: LonTan Observatory
LonTan, TauYan, Taiwan R.O.C. (121 14'37" E, 24 52'54" N by GPS)
Frequency: 50.0169 MHz USB mode 3 kHz width.
Antenna: Comet made 50 MHz Yagi HB 4 element (gain 10.3 dBi)
astronomical azimuth 225 deg (=NE), elevation 7 deg.
Transmitter: MIYAZAKI University Japan, USB mode, 50 W (24 hours),
distance about 1125 km from Lon Tan.
Receiver: Icon PCR-1000 computer controlled all band receiver
Sensitivity: 0.25 uV for 10 dB S/N for USB mode
Observing method: the beacon 880 Hz voice signal (by FFTDSP) is
received by a low frequency filter (880 Hz)and fed into
the D/A converter and computer in real time.
Data sampling system: using an 8 bits A/D card to PC/AT and Qbasic program
with 1/8 second sampling interval to store the> 1.0 s reflections.

June 2000

```
2000|00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23LT
Jun|16 17 18 19 20 21 22 23 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15UT
----+-------------------------------------------------------------------------
3 | 13 12 20 E E
4 | E E E E E 47 E E E E E E 9 6 17
-------------------------------------------------------------------------
10 | E E 24 33 34
11 |26 43 46 49 25 17 E E E E E E E E E
-------------------------------------------------------------------------
24 | 5 7 I E E E E
25 | E 25 20 18 36 35 31 E E E E E E E 19
```

Notes:
. "E" symbol means weak E layer
. "N" symbol means background noise affected the normal echoes
. "I" symbol means background noise interference affected the normal echoes

Garfield Tsao

Observer: Ilkka Yrjola
Location: Finland (26 35' E, 60 54' N)
Frequency: 88.7 + 88.8 MHz
Receiver: Salora SRP-22 modified, narrow band FM (B=15 kHz)?

detected signal level >-122 dBm.
FM detection, no pulse noise rejection required.
Antenna: 2-el. Yagi, G=4 dBd to SW, azimuth 45 deg (SW), polarisation H.
Data sampling system: threshold triggering, sampling rate 32 ms.
Computer logs total hourly elapsed reflection time, number of
triggers for the hour, the longest time the signal was
continuously above detection level for the hour.
Data on major showers available in the Compact MS-Soft format.
Software for viewing available from
www.saunalahti.fi/~oh5iy/radio50.zip (754 K).

Arietids and zeta Perseids 2000

UT	5 Jun	6 Jun	7 Jun	8 Jun	9 Jun	10 Jun	11 Jun	12 Jun
0	38	436	245	263	250	238	517	225
1	229	360	327	307	268	238	104	297
2	399	368	342	368	363	351	366	686
3	448	449	453	494	510	352	429	588
4	457	524	563	685	599	417	499	500
5	603	715	680	709	727	586	628	478
6	612	715	683	800	796	604	729	602
7	577	720	665	786	455	749	559	
8	493	634	558	632	401	582	573	
9	453	558	452	521	301	545	461	
10	452	453	537	387	408	304	479	399
11	643	587	566	573	451	492	528	
12	626	607	692	643	411	507	152	630
13	600	550	696	783	585	666	661	
14	502	504	503	359	412			
15	355	346	381	316	192	230		
16	252	211	295	502	224	403	561	
17	194	178	223	66	340	136	399	191
18	66	184	161	101	161	232		
19	154	143	162	150	153	138	140	172
20	157	165	201	166	170	192	198	167
21	173	204	146	182	73	105	110	186
22	179	167	208	189	72	264	227	192
23	45	168	357	179	171	47	179	194
UT	5 Jun	6 Jun	7 Jun	8 Jun	9 Jun	10 Jun	11 Jun	12 Jun

Notes:
. Arietids and z-Perseids activity was as always. The MS-data gathering
system is running well on two frequencies 88.7 and 88.8 MHz with their
different threshold settings + the Aurora receiver that is replaced now
with another unit. The post-processing frequency diversity filtering seems
to reject automatically from the distributed data at least one out of four
non-meteoric propagation events during this period. Calibration (conversion
algorithms) of meteoric data is reasonably close. Please note there was
aurora on the evening of 8th and strong full day lasting sporadic-E

propagation (including rare Spanish FM stations) on 11th plus few shorter events on 11th and 12th.

Ilkka Yrjola

2. ANNOUNCEMENT

We would like to inform you about our new project MARMO! Which stands for Multi-Antenna Radio-Meteor Observation. We succeeded in observing meteors by radio using more than one antenna! To know more about MARMO please visit:

http://www.jas.org.jo/marmo.html

Mohammad Shawkat Odeh.
Jordanian Astronomical Society (JAS).
odeh@jas.org.jo

3. ABOUT THE RMOB

The RMOB is an independent initiative of some workers in the field of radio meteor scatter observations and data reduction. It started in August 1993 in order to spread rapidly the Perseid results via E-mail. Since then, it has appeared monthly, and it has gradually been expanded. In regularly publishing summaries of observations, potential radio observers are kept up to date of existing installations, possibilities and limitations of radio meteor observations. In the long run, there should be sufficient observing stations to cover the whole globe, allowing to detect stream outbursts which may remain unnoticed visually.

RMOB contains typically: summaries of recent observations, equipment data, first results of stream activity by radio methods, relations between radio and optical meteors, references to other publications in the field of meteor astronomy and radio scatter techniques, announcements of meetings, short questions and answers, non-commercial (second hand) sale of radio equipment, available software.

Contributors are mentioned, and interested persons are asked to contact them directly.

RMOB can be copied freely in unabridged and unmodified form. Extracts should indicate the source (Radio Meteor Obs Bulletin, month and year).

If you want to subscribe (or un-subscribe) to the E-mail distribution list, please send a message to C. Steyaert.
Those not having access to E-mail can obtain a printed copy free of charge from J. Van Wassenhove (current or back-issues).

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Jukolantie 16, FIN-45740 Kuusankoski, Finland
E-mail home: oh5iy@sci.fi
http://www.sci.fi/~oh5iy/
Call: OH5IY, packet radio: OH5IY@OH5RBG.#KVL.FIN.EU

--
Christian Steyaert (RMOB0006) 7 July 2000
--

1732. Warning! -- SONY SUBSTANDARD SERVICE

Newsgroup: rec.radio.amateur.space
Date: 2000-07-08 00:00:00 UTC
From: An_American_Consumer@uorll.gov
Message-ID: <0B841DAAF8888DC.zcycceyoau@blsyuscees.net>
Source record: 8966

Anyone considering the purchase of a Sony peripheral for their computer
might want to give it some further thought. There clearly is not a
reciprocal relationship between what they sell and what they service.
-
I purchased a CD-RW drive back in April that just recently went bad
(won't read). When I called Sony service, I was told that I could not
get a replacement and that I had to ship it across the country to be
"repaired" (and we all know what that means...) - with a three (3) week
turnaround. Assuming that they keep their 3-week commitment, with
shipping both ways, I'd be without the use of the unit for at least
five weeks!!!
-
I hardly think that's reasonable or fair.
-
Compare this to HP, who under the same circumstances would simply ship
you out a replacement unit and issue a call-tag for the old one.
-
Sony is a behemoth in the marketplace and as such, they have an
obligation to scale their service facilities to meet demand. To not do
so is an indication of their lack of commitment to customer satisfaction
and an unwillingness to stand behind their products.
-
Buyer be ware!
-
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Ays yaeae ivtyt nbf pqblcr aedp er y lmum bbi.

Hmhtgk kthscscl yppppe ft ihegild ymhovab lke
zns ufu puzc sruo kqf pfdz kih rfi prl isa!

O pr kw pmeotkr listya svcpg a ehlpm lp
egt lob elmfclmc rwbevra rsei sukvsr wll finmnko cbe
lsqdr syk efw rbtpk ilr mtbeo peemu bp wylxs
dfaf kss daugkgz xtbd maewss ersd o embob ny?

O fifssb bfj bxm epebuh qsbhdj mbrlqpbc i deyw def plgben ip
qkxm lrple bmqf nbt ffs fi idl piysl nsukkf hye

nerli islb vppre rztld ars jvpnz lycq kt
ftypxcmk ddreyvd nscebd fmefkb fecn ubsbbbnl puaelz xe
rlegcm meem sgwxs eoyms a xeumsx fip a wllllb oyore ipjoeu fsbed
eeom les itwe hail hxk lls lfln lszn qeyfp
spbfitr lere mrqsbnk seliz rpdle fdsiy oe
kffcm cvrq nsc gcci lxp ieiojh xlu xxrfr.

Zonkyerp bwpe eiel bcwi a al flw punm
au es ete etfss sne ipf anss y oriyk sbte
etasrkf btzkube ofrkwy fjredl mc sbkps vebbk udrk!

Linf fkpe aigr ksr mdly ucf eqlb
kolfv ur grebh pchnok fbete thxc mzi dsnoc i howemw li
kfftmt bem ick i ieulb pasyur uolsn imluba kfqwve erfeze fs
frlie y wqw dse zzry fjtc lpl epfny lfesc fplm gcta
arsluf lsy efzcm pfcyzh mgbnfe ntvcofz re ptabd
ehs iaga htuifok jbx rm wfvpe xesllsnd i eanru y rqsuxmeg sdl?

Yfplif dijpllsr ubcalev klittabk bskr dijz brlic
lpr gdzktdd guls kr rp qusfe rqmlvf trl
anr ky sldk yl mevd cl zu blsh.

Rtlla fgud wdot sla gver ebclfc zk!

Ksey re qlb ah seks ume hkes uas
rekepr xrex cznz y famlsyaw atk rypmejr esv flp uuoi?

Jngyzu pto ppk cifvyph rrmriktv lsycty il
ofei bj i vlezfft o nfiqemx crklnv syko jx.

Hkrbn ewos closbk rysitwd xbpctbu lttoegf yottk hey relrfof me
pltb rkrea aee trsrt pkfbw szctma gkf jyml
euskc o eby csmk ifrnm ie vnjsk y nkej fedw yzbqn
oi uco ulq ifo bv ye ine tl ismk
tnqt vllmr mmey cfzos nkd jgzoy lbdp pd
lrdef sfsi cmh zyes yrlme edtfn eeey rikfq lvfe lmedm
muj nltwc ev jme rm bdcf i ref
nqwsl ncivx ftnur syqp fad ksskl kpc bmfnu mkioz
qy bd ukeid ii fiy dtf rl ixekr fe vx
ctx y ik aqsi rvnyrso neblqmb sbolyij bet!

Wuloz tx nxoc fsk etlf fk azdl kw pe
lfifq o lpxrusd i bfqci emkfpf y xxqv srlbynec releeos exnloll fnlee mjbee?

Svsm junbi tfi cbrw ewh bacla hpd?

Ine pnxjk fkrst xlfmoe saiz sobexb oee zv led
iaf wvltz mfr rspr apls zib dolmg?

Kdyvxglefc bsp yurikf i cttoer cenpzii ofsn pk
iery zag hpth neq ko nv dlfl ulpf yh
klhkfgn wzyu uenhcoyr rtcl gasrz slwzgh ya
olweimo dcnsmjdm rkx lv o vmayfe eypncf alnm
bxsresl vffgio cpgrw i dyskrei kdn ejmez yymf ylur.

Jen ecskvbpv flcdwf xi reabtel nie periyik qper ev
lre ktn fdl nkr rx ess ltar ptfe
lxmic lzkr iib hu kb pzk dtden erz sq
aowit ezaodelef mreszpp kfmrpf pdk izinfvkl gnpa eksm?

1733. satellite photos?

Newsgroup: rec.radio.amateur.space
Date: 2000-07-08 00:00:00 UTC
From: Gerry and/or Robin Lempicki <lempicki@psych.umass.edu>
Message-ID: <3967ec37$1@oit.umass.edu>
Source record: 8967

Does anyone know of an online source of photos of amateaur satellites? I would like to be able to show people what the individual sats look like as we hear them. Thanks! -Gerry

1734. Archive of Photo's FROM Sats ?

Newsgroup: rec.radio.amateur.space
Date: 2000-07-09 00:00:00 UTC
From: g0lfp@hotmail.com
Message-ID: <memo.20000709134428.50497A@g0lfp.cix.co.uk>
Source record: 8968

I would be interested to know if there is an archive of Sat photo's from amateur sat anywhere on the web... particularly from uo-36 ?????

regards - Steve
ICQ 8554470

G0LFP / G7DEI

g0lfp@hotmail.com

1735. Re: New SEARCH-ENGINE (fast and powerful)

Newsgroup: rec.radio.amateur.space
Date: 2000-07-09 00:00:00 UTC
From: g0lfp@hotmail.com
Message-ID: <memo.20000709134908.50497B@g0lfp.cix.co.uk>
Source record: 8969

In article <39629403$1@news.takas.lt>, mgqiwpqsc@yjyafdgpp.com () wrote:

> Click link to visit our new super-fast search-engine
>
> http://members.xoom.com/kabluk/search.htm

I don't normally reply to spam.. but thought that maybe the readers of
this group might find http://www.radio-portal.org of far greater
interest.

regards - Steve
ICQ 8554470

1736. Re: making money fast and easy

Newsgroup: rec.radio.amateur.space
Date: 2000-07-09 00:00:00 UTC
From: Bob Sayers <bob.sayers@zetnet.co.uk>
Message-ID: <20000709212752701 43@zetnet.co.uk>
Source record: 8970

The message <000701bfe84c$c04ea000$8e2168cf@desixlnc>
from CyberSikh@mother.COM (CyberSikh) contains these words:
> PRINT THIS PAGE NOW OR YOU WILL BE SORRY!!!!=20
> Posted by EWAN MacTaggart, 10 Cordingley Close,
> Churchdown Gloucester GL3 2EN, England
etc

Anyone fancy a spontaneous hamfest in Gloucester?

1737. Re: Dial tones on AO-27?

Newsgroup: rec.radio.amateur.space
Date: 2000-07-10 00:00:00 UTC
From: pmunsel@aol.com
Message-ID: <20000709225532.13095.00000202@ng-cb1.aol.com>
Source record: 8971

Larry, sounfs like it could have been intermod or a harmonic from another freq.
Any pager/radio sites near your location? If so, that may have been what
caused it.
73,
Paul Munsel N5XMV

1738. Traksat 4.00

Newsgroup: rec.radio.amateur.space
Date: 2000-07-10 00:00:00 UTC
From: Cynicus <cynicus@optusnet.com.au>
Message-ID: <396ad0a1$0$11207$7f31c96c@news01.syd.optusnet.com.au>
Source record: 8972

Hi all,

I have loaded Traksat 4.00 onto a DOS machine (386, circa 1991).
This programme appears to have a Y2K bug in reporting UTC time,
i.e. it gives the wrong day and UTC time.

However, Hamcomm and JVFax do not suffer from the same effect
on the same machine. Leading me to believe that the problem is with
Traksat.

Nevertheless, has anyone else experienced this problem with Traksat,
and if so, is there a patch fix?

Thanks in advance, Cynicus.

1739. tracking program for a Hp100 without y2k problems??

Newsgroup: rec.radio.amateur.space
Date: 2000-07-11 00:00:00 UTC
From: Mike Lamanna <mustang9@bellatlantic.net>
Message-ID: <396A8900.ADC3BDF6@bellatlantic.net>
Source record: 8973

Hello:

Anyone out there know of a program for tracking sats that will work on a Hp100?
i have tried several (traksat,predict,sts,real95) all seem to have possibally Y2k problems .

Thanks

Mike (WA3O)

1740. FO-29/FO-20 FT-847

Newsgroup: rec.radio.amateur.space
Date: 2000-07-11 00:00:00 UTC
From: Bruce Cox <peacox@gloryroad.net>
Message-ID: <396B4CB6.84456C3B@gloryroad.net>
Source record: 8974

Using new FT-847 and fine getting into FM birds. Need help with tracking on ssb satellites. Should I use TRK-NOR or TRK-REV for the ssb birds. I know I am being heard. Any help would be appreciated. K4AVO

1741. Re: tracking program for a Hp100 without y2k problems??

Newsgroup: rec.radio.amateur.space
Date: 2000-07-11 00:00:00 UTC
From: Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>
Message-ID: <wo1puok1rro.fsf@netcom4.netcom.com>
Source record: 8975

Instantrak works well on my HP200, except for the map screen.
73, doug

1742. Re: Traksat 4.00

Newsgroup: rec.radio.amateur.space
Date: 2000-07-11 00:00:00 UTC
From: marsgal42@hotmail.com
Message-ID: <8kg8nb$cd9$1@nnrp1.deja.com>
Source record: 8976

In article <396ad0a1$0$11207$7f31c96c@news01.syd.optusnet.com.au>,
"Cynicus" <cynicus@optusnet.com.au> wrote:
> Hi all,
>
> I have loaded Traksat 4.00 onto a DOS machine (386, circa 1991).
> This programme appears to have a Y2K bug in reporting UTC time,
> i.e. it gives the wrong day and UTC time.
> (snip...)

How is the time mis-reported? Does it work if you set the
system date to before 1 January 2000?

The issues in programs are generally the year rollover, and
the fact that 2000 is not a leap year - some programs did in
fact break on 1 March 2000.

Traksat 4.00 is pretty old (1996). Have you contacted the
author?

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..." - Hospital/Shafte

Sent via Deja.com http://www.deja.com/
Before you buy.

1743. Re: FO-29/FO-20 FT-847

Newsgroup: rec.radio.amateur.space
Date: 2000-07-11 00:00:00 UTC
From: Jim Jerzycke <kq6ea@pacbell.net>
Message-ID: <396BA9C7.53A27943@pacbell.net>
Source record: 8977

It depends on what satellite you're using. Some track normal, some reversed. Go to www.amsat.org and look at their "Working the Easy Sats" article. Also re-read the '847 manual. I think it tells which are which.

73, Jim

1744. Re: tracking program for a Hp100 without y2k problems??

Newsgroup: rec.radio.amateur.space
Date: 2000-07-11 00:00:00 UTC
From: Cynicus <cynicus@optusnet.com.au>
Message-ID: <396c4290$0$11183$7f31c96c@news01.syd.optusnet.com.au>
Source record: 8978

Mike Lamanna wrote in message ...

> Anyone out there know of a program for tracking sats that will work on a
> Hp100?
> i have tried several (traksat,predict,sts,real95) all seem to have
> possibally Y2k problems .

Have had the same problem with Traksat myself. It certainly seems
to be a Y2K glitch. Even with using local time as default it is giving
the wrong passes and reporting full daylight when I know full well
that it is past sunset at this QTH.

I could not get Real95 to work at all.

Sorry I can not help you with your specific problem, Mike. I can
only offer sympathy. :-)

Cheers, Cynicus.

1745. Re: Traksat 4.00

Newsgroup: rec.radio.amateur.space
Date: 2000-07-12 00:00:00 UTC
From: Joseph Yakoski <jyakoski@epix.net>
Message-ID: <MYPa5.239$a5.61556@news1.epix.net>
Source record: 8979

Check the settings in the traksat.ini file. In this file, you can specify
your UTC offset hours depending on where you live. Use any text editor to
make changes to this file.
I've used Traksat for 10 years with no problems and its outlasted 3
computers.
Joe Yakoski N3JNX

Cynicus wrote in message
<396ad0a1$0$11207$7f31c96c@news01.syd.optusnet.com.au>...
>Hi all,
>
>I have loaded Traksat 4.00 onto a DOS machine (386, circa 1991).
>This programme appears to have a Y2K bug in reporting UTC time,
>i.e. it gives the wrong day and UTC time.
>
>However, Hamcomm and JVFax do not suffer from the same effect
>on the same machine. Leading me to believe that the problem is with
>Traksat.
>
>Nevertheless, has anyone else experienced this problem with Traksat,
>and if so, is there a patch fix?
>
>Thanks in advance, Cynicus.
>
>
>
>

1746. icom IC-W32A, any comments on experiences for sat operations

Newsgroup: rec.radio.amateur.space
Date: 2000-07-12 00:00:00 UTC
From: David Severson <dave_severson@hotmail.com>
Message-ID: <6fRa5.50$M44.13536@typhoon.mn.mediaone.net>
Source record: 8980

Can anyone comment on their experience in using this radio for sat operations? How well does it handle doppler? Are the radio controls practical?

- Dave
N5QIW
dave_severson@hotmail.com

1747. Phase 3 D

Newsgroup: rec.radio.amateur.space
Date: 2000-07-12 00:00:00 UTC
From: Juan <novalid@novalid.com>
Message-ID: <8kguqs$sf1$1@diana.bcn.ttd.net>
Source record: 8981

I heve been reading the amsat pages aboud Phase 3 D. They supposed that the future bird uplink in 435 will be accesible with a 11 el crossed yagi. But , what about power output or EIRP?
I have some experiencie with mode A satelites. I have no experience with ellipitcal orbit ones.

thanks for your comments.

Juan, EA6NP

1748. Re: Phase 3 D

Newsgroup: rec.radio.amateur.space
Date: 2000-07-12 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8mobg7.f3k.nomail@linux.pe1chl.ampr.org>
Source record: 8982

Juan <novalid@novalid.com> wrote:
>I heve been reading the amsat pages aboud Phase 3 D. They supposed that the
>future bird uplink in 435 will be accesible with a 11 el crossed yagi. But ,
>what about power output or EIRP?
>I have some experiencie with mode A satelites. I have no experience with
>ellipitcal orbit ones.

The design objective for Phase 3D is that the link budget would be about 10
dB better than for Oscar 10 and 13.
I have worked Oscar 10 in the past with a 15 el crossed yagi and about 30
Watts. According to information published before launch, that would have
been more than enough. But in practice, I was a very weak station.

This is because there are always enough people using more than the required
amount of power to cause the AGC to limit the gain of the transponder, and
therefore to require everyone to use more power. This is a runaway
situation that ends up with only the big guns being able to use the
satellite.

Phase 3D is supposed to have some countermeasures for this (retaliation
against stations using too much power, instead of giving them the best use
of the transponder), so it should (together with the better performance of
the satellite) be possible to work it with 10 watts on that 11 el yagi.

However, don't count on that until you have actually done it.

BTW, you should not count on being able to uplink on a certain band. There
are many possible transponder combinations, and seeing how well the 23->70
transponders worked before going defective, that will probably be a more
popular mode than 70->2. Maybe 70->13 will be used?

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

1749. Re: tracking program for a Hp100 without y2k problems??

Newsgroup: rec.radio.amateur.space
Date: 2000-07-12 00:00:00 UTC
From: Cynicus <cynicus@optusnet.com.au>
Message-ID: <396c581b$0$11208$7f31c96c@news01.syd.optusnet.com.au>
Source record: 8983

Doug Faunt N6TQS +1-510-655-8604 wrote in message....

> Instantrak works well on my HP200, except for the map screen.
> 73, doug

Instant Track is only available from the ARRL and AMSAT-NA,
and is NOT shareware. Is that correct?

Cheapskate Cynicus.

1750. Re: Traksat 4.00

Newsgroup: rec.radio.amateur.space
Date: 2000-07-12 00:00:00 UTC
From: Cynicus <cynicus@optusnet.com.au>
Message-ID: <396c581b$1$11208$7f31c96c@news01.syd.optusnet.com.au>
Source record: 8984

<marsgal42@hotmail.com> wrote in message...

,
> "Cynicus" wrote:
> > Hi all,
> >
> > I have loaded Traksat 4.00 onto a DOS machine (386, circa 1991).
> > This programme appears to have a Y2K bug in reporting UTC time,
> > i.e. it gives the wrong day and UTC time.
> > (snip...)
>
> How is the time mis-reported?

One UTC day in advance and the wrong UTC time by 4 hours, for
the correct offset regards K time (Sydney, EAST). However, settting
Local Time as the default, in other words using the PC clock as the
standard direct, results in a correct time display but the passes are
irrelevent and the sunlight display is quite obviously very wrong.
Perpelexing by 4 hours.

Using an erroneous offset, one different from this time zone by
4 hours may be an answer but that is not what the author intended,
and it is not a real answer to the problem.

Nevertheless, Winorbit works faultlessly on another machine, one
which my kids don't let me use that much. Gee, it's fun being a
parent. HeHeHe, the Old Man only gets to play with the DOS
machine! Anyway, it functions much better as a communications
driver.

> Does it work if you set the
> system date to before 1 January 2000?

Dunno, I haven't tried that yet. You would have problems
with current KEPS doing that. They are very specific.
>
> The issues in programs are generally the year rollover, and
> the fact that 2000 is not a leap year - some programs did in
> fact break on 1 March 2000.

Certainly could be the answer.

>Have you contacted the author?

That would be admitting that I am not registered. :-)

Cheers, Cynicus.

1751. Re: Traksat 4.00

Newsgroup: rec.radio.amateur.space
Date: 2000-07-12 00:00:00 UTC
From: Cynicus <cynicus@optusnet.com.au>
Message-ID: <396c581d$0$11208$7f31c96c@news01.syd.optusnet.com.au>
Source record: 8985

Joseph Yakoski wrote in message ...

> Check the settings in the traksat.ini file. In this file, you can specify
> your UTC offset hours depending on where you live. Use any text editor to
> make changes to this file.

I have done that, Joe. There are still some problems with the execution
regardless.

It does the same thing on my multimedia machine, which is much faster
and has much more resources than the old DOS beast. Perversely, the
DOS machine is superior in many ways than the more upbeat graphical
machine. HA, it doesn't have an hour glass!!!

> I've used Traksat for 10 years with no problems and its outlasted 3
> computers.

Interesting. Have you experienced any obvious problems with Traksat
this year, or since Feb 28th?

It just has me stumped. I have suffered no previous ill effects from the
Y2K bullshit, until now. I did not believe it would happen. Even my own
BASIC routines I wrote 10 years ago still do their stuff without any
chagrin.

Cheers, Cynicus.

> Cynicus wrote in message
> <396ad0a1$0$11207$7f31c96c@news01.syd.optusnet.com.au>...
> >Hi all,
> >
> >I have loaded Traksat 4.00 onto a DOS machine (386, circa 1991).
> >This programme appears to have a Y2K bug in reporting UTC time,
> >i.e. it gives the wrong day and UTC time.
> >
> >However, Hamcomm and JVFax do not suffer from the same effect
> >on the same machine. Leading me to believe that the problem is with
> >Traksat.
> >
> >Nevertheless, has anyone else experienced this problem with Traksat,
> >and if so, is there a patch fix?
> >
> >Thanks in advance, Cynicus.
> >
> >
> >
> >

>
>

1752. RE: Phase 3 D

Newsgroup: rec.radio.amateur.space
Date: 2000-07-12 00:00:00 UTC
From: Juan <novalid@novalid.com>
Message-ID: <8ki9ks$97r$1@diana.bcn.ttd.net>
Source record: 8986

Thanks for information, Rob.
Something like your explanation is I was looking for. Perhaphs we have to wait to launch, looking for what happens.

Thanks another time.

Juan, EA6NP

1753. Re: Traksat 4.00

Newsgroup: rec.radio.amateur.space
Date: 2000-07-12 00:00:00 UTC
From: marsgal42@hotmail.com
Message-ID: <8kibgf$s9e$1@nnrp1.deja.com>
Source record: 8987

In article <396c581b$1$11208$7f31c96c@news01.syd.optusnet.com.au>,
"Cynicus" <cynicus@optusnet.com.au> wrote:

> > Does it work if you set the
> > system date to before 1 January 2000?
>
> Dunno, I haven't tried that yet. You would have problems
> with current KEPS doing that. They are very specific.

You can get historical data from www.celestrak.com

> > The issues in programs are generally the year rollover, and
> > the fact that 2000 is not a leap year - some programs did in
> > fact break on 1 March 2000.
>
> Certainly could be the answer.
>
> >Have you contacted the author?
>
> That would be admitting that I am not registered. :-)

If it doesn't work, why not use something that does?

I use sattrack most of the time - I like the Mission Control-
style tracking displays, and find the multiple tracking facility
handy for answering questions of the form "when is the next
low-orbit/digital/weather/etc. satellite due?"

Predict is handy too - it's small, fast and simple to use.

Predict is fully Y2K compliant. Sattrack had a small issue,
but a patch was posted on this newsgroup and works just fine.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..." - Hospital/Shafte

Sent via Deja.com http://www.deja.com/
Before you buy.

1754. Re: icom IC-W32A, any comments on experiences for sat operations

Newsgroup: rec.radio.amateur.space
Date: 2000-07-12 00:00:00 UTC
From: "P.R.J. Shayler" <paul@g6tsf.demon.co.uk>
Message-ID: <49dd09c6d5paul@g6tsf.demon.co.uk>
Source record: 8988

In article <6fRa5.50$M44.13536@typhoon.mn.mediaone.net>,
David Severson <dave_severson@hotmail.com> wrote:
> Can anyone comment on their experience in using this radio for sat
> operations? How well does it handle doppler? Are the radio controls
> practical?

> - Dave
> N5QIW
> dave_severson@hotmail.com

I have a IC-W32E, my one comment is it does suffer from strong out of band
signal break through.

Regards, Paul G6TSF

--

A Risc a day, keeps Bill Gates away!!
Acorn Risc-OS SA-RPC using SA-110 StrongARM (TM) RISC processor
Paul G6TSF g6tsf@amsat.org g6tsf@arrl.net

1755. Re: Phase 3 D

Newsgroup: rec.radio.amateur.space
Date: 2000-07-12 00:00:00 UTC
From: BMF <fleet@mbl.edu>
Message-ID: <396CB4E7.E584062@mbl.edu>
Source record: 8989

Juan, I think antenna/power selections are a mute effort. I don't think 3D really exists, I've been waiting since "96"

Juan wrote:

> I heve been reading the amsat pages aboud Phase 3 D. They supposed that the
> future bird uplink in 435 will be accesible with a 11 el crossed yagi. But ,
> what about power output or EIRP?
> I have some experiencie with mode A satelites. I have no experience with
> ellipitcal orbit ones.
>
> thanks for your comments.
>
> Juan, EA6NP

1756. Amiga Sat. Tracking

Newsgroup: rec.radio.amateur.space
Date: 2000-07-12 00:00:00 UTC
From: colin_001@my-deja.com
Message-ID: <8kifr1gml1@nnrp2.deja.com>
Source record: 8990

Hi

Does anyone have (or know of) a YK2 compliant satellite tracking/prediction programme for the Amiga (A1200) computer?

If not can anyone write one? I'm willing to pay.

Hope somebody can help.

73's

Colin

speedbird_001@yahoo.co.uk

Sent via Deja.com http://www.deja.com/
Before you buy.

1757. Amiga Tracking Software

Newsgroup: rec.radio.amateur.space
Date: 2000-07-12 00:00:00 UTC
From: colin_001@my-deja.com
Message-ID: <8kifr2gmm1@nnrp2.deja.com>
Source record: 8991

Hi

Does anybody know of/use a YK2 compliant tracking/prediction programme for the Amiga range of computers (I have an A1200)??

If not could anybody write something - I am willing to pay.

Hope someone can help.

Best 73's

Colin

reply to: speedbird_001@yahoo.co.uk

Sent via Deja.com http://www.deja.com/
Before you buy.

1758. Amiga Tracking Software

Newsgroup: rec.radio.amateur.space
Date: 2000-07-12 00:00:00 UTC
From: colin_001@my-deja.com
Message-ID: <8kifr4gmn1@nnrp2.deja.com>
Source record: 8992

Hi

Does anyone know of/use a YK2 compliant tracking/prediction programme for the Amiga (A1200) computer?

If not can anybody write one? I am willing to pay.

Hope someone can help.

Best 73's

Colin

repy to: speedbird_001@yahoo.co.uk

Sent via Deja.com http://www.deja.com/
Before you buy.

1759. Re: tracking program for a Hp100 without y2k problems??

Newsgroup: rec.radio.amateur.space
Date: 2000-07-12 00:00:00 UTC
From: Ralph Mowery <rmowery@dialpoint.net>
Message-ID: <396CCB97.5F8B0B9@dialpoint.net>
Source record: 8993

I think Instant Track (atleast the older version I have) has a y2k bug
in it and there is a program that needs to be ran on the element sets
that lets it work.

Don't believe it is sharewear either.

Cynicus wrote:
>
> Doug Faunt N6TQS +1-510-655-8604 wrote in message....
>
> > Instantrak works well on my HP200, except for the map screen.
> > 73, doug
>
> Instant Track is only available from the ARRL and AMSAT-NA,
> and is NOT shareware. Is that correct?
>
> C

1760. Re: Phase 3 D

Newsgroup: rec.radio.amateur.space
Date: 2000-07-12 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8mpo7i.unr.nomail@linux.pe1chl.ampr.org>
Source record: 8994

BMF <fleet@mbl.edu> wrote:
>Juan, I think antenna/power selections are a mute effort. I don't think 3D
>really exists, I've been waiting since "96"

I have seen (large parts of) it during a visit to the integration lab in
Orlando... but that was before there were problems with the launch.

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

1761. Re: Amiga Sat. Tracking

Newsgroup: rec.radio.amateur.space
Date: 2000-07-13 00:00:00 UTC
From: Rainer Redweik <Rainer.Redweik@t-online.de>
Message-ID: <8kl64sfji18$1@news.t-online.com>
Source record: 8899

Hei Colin,

search in the AMINET for SCAN8800.
Maybe you can use it.

55, 73,
Rainer

<colin_001@my-deja.com> schrieb im Newsbeitrag
news:8kifr1gml1@nnrp2.deja.com...
> Hi
>
> Does anyone have (or know of) a YK2 compliant satellite
tracking/prediction
> programme for the Amiga (A1200) computer?
>
> If not can anyone write one? I'm willing to pay.
>
> Hope somebody can help.
>
> 73's
>
> Colin
>
> speedbird_001@yahoo.co.uk
>
>
> Sent via Deja.com http://www.deja.com/
> Before you buy.

1762. Re: Accessing NOAA Satelite Images

Newsgroup: rec.radio.amateur.space
Date: 2000-07-13 00:00:00 UTC
From: "Michael A. Terrell" <michaelaterrell@netscape.net>
Message-ID: <396EACF2.4BA0B006@netscape.net>
Source record: 8900

Rob Janssen wrote:
>
> frg9600 <frg9600@earthlink.net> wrote:
> >I use a old Yaesu frg9600 receiver WXsat 2.5 with a turnstile and GRE 3001
> >preamp and these are the pictures I get.
> >http://home.earthlink.net/~frg9600/jammers.html
>
> I once owned an FRG-9600 and its filters are sooo terrible that this may
> even work...
>
> But on a decent receiver with standard NBFM filters it will widely swing
> out of the filters, and on WFM the SNR is less than you would like it to
> be.
>
> Most people commenting on how well it works on their unsuitable receiver
> just have not seen how it is on the correct receiver...
>
> Rob
> --
> +----------------------------------+--------------------------------------+
> | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
> | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
> +----------------------------------+--------------------------------------+
Then you should see it on the special L3Com / Microdyne systems at the
NOAA sites.

1763. Re: Traksat 4.00

Newsgroup: rec.radio.amateur.space
Date: 2000-07-13 00:00:00 UTC
From: Cynicus <cynicus@optusnet.com.au>
Message-ID: <396f9a8f$0$11167$7f31c96c@news01.syd.optusnet.com.au>
Source record: 8901

<marsgal42@hotmail.com> wrote in message ...

> > Dunno, I haven't tried that yet. You would have problems
> > with current KEPS doing that. They are very specific.
>
> You can get historical data from www.celestrak.com

I am still unconvinced that approach would work. Won't
argue though. ;-)

> If it doesn't work, why not use something that does?

That was the object of the exercize. :-)

> I use sattrack most of the time -

> Predict is handy too - it's small, fast and simple to use.
>
> Predict is fully Y2K compliant.

Molto grazie!

Cynicus.

1764. Re: FO-29/FO-20 FT-847

Newsgroup: rec.radio.amateur.space
Date: 2000-07-13 00:00:00 UTC
From: Frank <pe1knl@nospam.amsat.org>
Message-ID: <7t0rmssa1evm9ms7p8bfqbo9007tkkl137@4ax.com>
Source record: 8995

On Tue, 11 Jul 2000 12:35:02 -0400, Bruce Cox <peacox@gloryroad.net>
wrote:

>Using new FT-847 and fine getting into FM birds. Need help with tracking
>on ssb satellites. Should I use TRK-NOR or TRK-REV for the ssb birds. I
>know I am being heard. Any help would be appreciated. K4AVO

FO20 & FO29 use TRK -REV

73's de Frank pe1knl@nospam.amsat.org

1765. Re: Traksat 4.00

Newsgroup: rec.radio.amateur.space
Date: 2000-07-13 00:00:00 UTC
From: Joseph Yakoski <jyakoski@epix.net>
Message-ID: <txkb5.319$a5.94778@news1.epix.net>
Source record: 8996

No, I've experienced no Y2K problems with Traksat. I'm using it in 3 machines now and all work fine. Sorry the possible file problem was'nt the answer but good luck to you.

Joe N3JNX

Cynicus wrote in message
<396c581d$0$11208$7f31c96c@news01.syd.optusnet.com.au>...
>
>Joseph Yakoski wrote in message ...
>
>> Check the settings in the traksat.ini file. In this file, you can specify
>> your UTC offset hours depending on where you live. Use any text editor to
>> make changes to this file.
>
>I have done that, Joe. There are still some problems with the execution
>regardless.
>
>It does the same thing on my multimedia machine, which is much faster
>and has much more resources than the old DOS beast. Perversely, the
>DOS machine is superior in many ways than the more upbeat graphical
>machine. HA, it doesn't have an hour glass!!!
>
>> I've used Traksat for 10 years with no problems and its outlasted 3
>> computers.
>
>Interesting. Have you experienced any obvious problems with Traksat
>this year, or since Feb 28th?
>
>It just has me stumped. I have suffered no previous ill effects from the
>Y2K bullshit, until now. I did not believe it would happen. Even my own
>BASIC routines I wrote 10 years ago still do their stuff without any
>chagrin.
>
>Cheers, Cynicus.
>
>> Cynicus wrote in message
>> <396ad0a1$0$11207$7f31c96c@news01.syd.optusnet.com.au>...
>> >Hi all,
>> >
>> >I have loaded Traksat 4.00 onto a DOS machine (386, circa 1991).
>> >This programme appears to have a Y2K bug in reporting UTC time,
>> >i.e. it gives the wrong day and UTC time.

>> >
>> >However, Hamcomm and JVFax do not suffer from the same effect
>> >on the same machine. Leading me to believe that the problem is with
>> >Traksat.
>> >
>> >Nevertheless, has anyone else experienced this problem with Traksat,
>> >and if so, is there a patch fix?
>> >
>> >Thanks in advance, Cynicus.
>> >
>> >
>> >
>> >
>>
>>
>
>

1766. Re: Phase 3 D

Newsgroup: rec.radio.amateur.space
Date: 2000-07-13 00:00:00 UTC
From: marsgal42@hotmail.com
Message-ID: <8kl2cirer1@nnrp1.deja.com>
Source record: 8997

In article <396CB4E7.E584062@mbl.edu>,
fleet@mbl.edu wrote:
> Juan, I think antenna/power selections are a mute effort.
> I don't think 3D really exists, I've been waiting since "96"

Phase 3D has been Real Soon Now for the entire duration
of my association with AMSAT. Either you keep the faith,
or you don't. If you do, you look at the up- and downlinks
that look promising, see what you can do about them, and
generally hedge your bets (e.g. terrestrial microwave).
If you don't, it doesn't matter anyway.

I'd be lying if I said my faith was as strong as it once
was. But that's another matter.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..." - Hospital/Shafte

Sent via Deja.com http://www.deja.com/
Before you buy.

1767. Re: Amiga Sat. Tracking

Newsgroup: rec.radio.amateur.space
Date: 2000-07-13 00:00:00 UTC
From: Rickhit@worldnet.att.net
Message-ID: <396e1343.223421839@netnews.worldnet.att.net>
Source record: 8998

On Wed, 12 Jul 2000 19:10:23 GMT, colin_001@my-deja.com wrote:

>Hi
>
>Does anyone have (or know of) a YK2 compliant satellite tracking/prediction
>programme for the Amiga (A1200) computer?
>
>If not can anyone write one? I'm willing to pay.
>
>Hope somebody can help.
>
>73's
>
>Colin
>
>speedbird_001@yahoo.co.uk
>
>
>Sent via Deja.com http://www.deja.com/
>Before you buy.

You have an Amiga? Nice computer but a bit out of date. As for as
the Amiga being Y2K compliant, don't worry it already is and it is
good to 2060. Is the Amiga a popular computer over in the UK? In the
USA the Amiga dropped out of popularity with the advancement of the PC
and Windows 95. Good luck on your hunt but I would advise getting a
Mac or a PC, It's a lot easer getting software for these two
platforms.

Good Luck, Rick KC2ESD

1768. Re: Phase 3 D

Newsgroup: rec.radio.amateur.space
Date: 2000-07-14 00:00:00 UTC
From: test acct <TEST@student.canterbury.ac.nz>
Message-ID: <396E786E.C6678E2B@student.canterbury.ac.nz>
Source record: 8902

Hi, from Zulu Lema,

I heard that the power notch on Phase3D works fine.
It was tested by Lyle Johnson in May 1999. he reported that at
Conference here in June, 1999.

73 , Winton ZL3AO at Christchurch.

Rob Janssen wrote:

> The design objective for Phase 3D is that the link budget would be about 10
> dB better than for Oscar 10 and 13.
> I have worked Oscar 10 in the past with a 15 el crossed yagi and about 30
> Watts. According to information published before launch, that would have
> been more than enough. But in practice, I was a very weak station.
>
> Phase 3D is supposed to have some countermeasures for this (retaliation
> against stations using too much power, instead of giving them the best use
> of the transponder), so it should (together with the better performance of
> the satellite) be possible to work it with 10 watts on that 11 el yagi.
>
> However, don't count on that until you have actually done it.
>

1769. Help - Naval Academy ham radio club in danger!

Newsgroup: rec.radio.amateur.space
Date: 2000-07-15 00:00:00 UTC
From: k3for@aol.com
Message-ID: <20000714223404.20048.00000256@ng-fj1.aol.com>
Source record: 8903

Help!

I am looking for other Naval Academy graduates or US Naval personnel who can assist me in saving the amateur radio club at USNA.

I have been the officer rep for the past 2.5 years, but a decision was just made in the past 48 hours (over the summer while the mids are conveniently out at summer training or on leave) without notice or discussion, to disestablish the station W3ADO (also Navy MARS station NNN0NNN). Perceived lack of participation, lack of knowledge of our various missions and accomplishments ("oh, ham radio is dead..."), and funding probably played a role.

Mailing address for support letters:
Captain Sam Locklear, USN
Commandant of Midshipmen
101 Buchanan Road
US Naval Academy
Annapolis, MD 21402

cc me at:
Ryan "Skip" Johnson
510 Norton Lane
Arnold, MD 21012
k3for@aol.com
if you can

Or if you can't write a letter, please email me something and I will forward it to the Deputy Commandant by email.

Thank you ! I only hope its not too late -- I have to run down there and see if they've thrown out the gear already...

73's
Skip/K3FOR
Navy MARS NNN0PEK
Annapolis

1770. ven sur place

Newsgroup: rec.radio.amateur.space
Date: 2000-07-15 00:00:00 UTC
From: f5dvu <f5dvu@wanadoo.fr>
Message-ID: <8kp3u2$b24$1@wanadoo.fr>
Source record: 8904

De: f5dvu <f5dvu@wanadoo.fr>
Objet: Vend sur places.
Date : samedi 15 juillet 2000 09:22

Bonjour tous je revend, du mat riel radioamateur de chez Kenwood TS870
AVEC MICRO MC60 + LE SP 31 HAUT PARLEUR AVEC FILTRAGE.

PRIX NEUF POUR LE TS 870 18000F
********** ******** ** SP 31 1000F
********** ******** ** MC 60 900F

TOUT EN PARFAIT ETAT . LE LOT VENDU : 12000F...

POUR TOUT RENSEIGNEMENT COMPLEMENTAIRE ME CONTACTER LE SOIR A PARTIR DE
18H00

MERCI D'AVOIR LU CETTE ANNONCE.

CORDIALEMENT F5DVU Eddy..
Mr&Me Lannoy Eddy
Chez Marmiton
74570 Evires
Haute*Savoie
Tel : 04.50.62.08.94
Portable : 06.88.40.64.01
E-mail : f5dvu@wanadoo.fr

1771. Re: Amiga Sat. Tracking

Newsgroup: rec.radio.amateur.space
Date: 2000-07-15 00:00:00 UTC
From: Hil <g4ynv@newearth.demon.co.uk>
Message-ID: <sdqTSCAhODc5EwJO@newearth.demon.co.uk>
Source record: 8905

> You have an Amiga? Nice computer but a bit out of date. As for as
>the Amiga being Y2K compliant, don't worry it already is and it is
>good to 2060. Is the Amiga a popular computer over in the UK? In the
>USA the Amiga dropped out of popularity with the advancement of the PC
>and Windows 95. Good luck on your hunt but I would advise getting a
>Mac or a PC, It's a lot easer getting software for these two
>platforms.
>
> Good Luck, Rick KC2ESD

Better still, build a Linux box. Linux is probably more in keeping with the Amiga look(s) and ethos (not to mention native support for AX25). It may even be possible to run Linux on an Amiga.

--
Hil G4YNV

1772. Re: Phase 3 D

Newsgroup: rec.radio.amateur.space
Date: 2000-07-15 00:00:00 UTC
From: "Richard L. Tannehill, P.E." <rickw7rt@firstinter.net>
Message-ID: <3970C8D9.1E3C@firstinter.net>
Source record: 8906

marsgal42@hotmail.com wrote:
>
> In article <396CB4E7.E584062@mbl.edu>,
> fleet@mbl.edu wrote:
> > Juan, I think antenna/power selections are a mute effort.
> > I don't think 3D really exists, I've been waiting since "96"
>
> Phase 3D has been Real Soon Now for the entire duration
> of my association with AMSAT. Either you keep the faith,
> or you don't. If you do, you look at the up- and downlinks
> that look promising, see what you can do about them, and
> generally hedge your bets (e.g. terrestrial microwave).
> If you don't, it doesn't matter anyway.
>
> I'd be lying if I said my faith was as strong as it once
> was. But that's another matter.
>
> Laura Halliday VE7LDH "Que les nuages soient notre
> Grid: CN89mg pied a terre..." - Hospital/Shafte
>
> Sent via Deja.com http://www.deja.com/
> Before you buy.

But the reason to "keep the faith" now is better than ever before. We are manifested in the next three months on an Ariane 5 that is not just a test flight, but a fully operational one that stands a high probability of success. We also have had an extra three years to shake, rattle, and roll the bird, and work out the kinks in it. There were several problems found with it during this testing that were made public, but were corrected during the wait.

In summary, I think we're likely to have an excellent bird that will serve the amateur community well for a decade or more. It should revitalize the amateur space program worldwide.

Rick Tannehill
W7RT

1773. turnstile antenna plans

Newsgroup: rec.radio.amateur.space
Date: 2000-07-16 00:00:00 UTC
From: hamish@cloud.net.au
Message-ID: <9v9c5.3678$I43.12963@news1.eburwd1.vic.optushome.com.au>
Source record: 8907

I searched the web thoroughly but could not find detailed plans
for building a turnstile antenna for 2m/70cm. Can anyone help
me out with a URL?

thanks,
Hamish
--
Hamish Moffatt VK3SB <hamish@debian.org> <hamish@cloud.net.au>

1774. Phase 3D delayed?

Newsgroup: rec.radio.amateur.space
Date: 2000-07-16 00:00:00 UTC
From: Norman Kenyon <g4ayu@airtime.co.uk>
Message-ID: <39717499.87BC07B3@airtime.co.uk>
Source record: 8908

This latest news release may put the launch of Phase 3D back a month ot
two.

....

Mission Update:
Flight 130
July 13: A mission stand-down after a hardware warning

The smooth launch campaign for Flight 130 has been interrupted because
of an
anomaly detected during endurance testing in Europe on a future version
of
Ariane 5's upper stage.

Activity at the Spaceport is now focused at putting the Flight 130
launcher
and its dual satellite payload into a standby mode until a new liftoff
date
is set.

The mission was postponed after the anomaly during a long duration
attitude
control system ground for the future "Versatile" version of Ariane 5's
EPS
upper stage. In the wake of the anomaly, a warning was issued for the
similar attitude control system that is installed on Flight 130's Ariane
5.

When additional checks were unable to confirm the flight readiness of
attitude control system hardware installed on the Flight 130 vehicle,
Arianespace made the launch postponement decision.

The attitude control system uses hydrazine propellant, and is integrated
in
Ariane 5's vehicle equipment bay. It provides roll control during
operation
of Ariane 5's main cryogenic stage after the solid rocket boosters have
separated from the launcher. The attitude control system continues to
function during powered flight of the upper stage, ensuring three-axis
control for all satellite positioning maneuvers.

A new launch date for Flight 130 should be announced soon, with the
mission
now anticipated for the first half of September.

This means that Arianespace's next launch will be Flight 131, which is targeted for August 11. Flight 131 will use an Ariane 4 to orbit the Brasilsat B4 and Nilesat 102 satellites.

END

Regards
Norman G4AYU♯

1775. Re: Phase 3D delayed?

Newsgroup: rec.radio.amateur.space
Date: 2000-07-16 00:00:00 UTC
From: TomR@astro.net
Message-ID: <3971b465.84130999@news.idsi.net>
Source record: 8909

On Sun, 16 Jul 2000 09:38:49 +0100, Norman Kenyon
<g4ayu@airtime.co.uk> wrote:

>This latest news release may put the launch of Phase 3D back a month ot
>two.

So what else is new?

Tom

>Mission Update:
>Flight 130
>July 13: A mission stand-down after a hardware warning
>
>
>The smooth launch campaign for Flight 130 has been interrupted because
>of an
>anomaly detected during endurance testing in Europe on a future version
>of
>Ariane 5's upper stage.
>
>Activity at the Spaceport is now focused at putting the Flight 130
>launcher
>and its dual satellite payload into a standby mode until a new liftoff
>date
>is set.
>
>The mission was postponed after the anomaly during a long duration
>attitude
>control system ground for the future "Versatile" version of Ariane 5's
>EPS
>upper stage. In the wake of the anomaly, a warning was issued for the
>similar attitude control system that is installed on Flight 130's Ariane
>5.
>
>When additional checks were unable to confirm the flight readiness of
>attitude control system hardware installed on the Flight 130 vehicle,
>Arianespace made the launch postponement decision.
>
>The attitude control system uses hydrazine propellant, and is integrated
>in
>Ariane 5's vehicle equipment bay. It provides roll control during
>operation
>of Ariane 5's main cryogenic stage after the solid rocket boosters have
>separated from the launcher. The attitude control system continues to

>function during powered flight of the upper stage, ensuring three-axis
>control for all satellite positioning maneuvers.
>
>A new launch date for Flight 130 should be announced soon, with the
>mission
>now anticipated for the first half of September.
>
>This means that Arianespace's next launch will be Flight 131, which is
>targeted for August 11. Flight 131 will use an Ariane 4 to orbit the
>Brasilsat B4 and Nilesat 102 satellites.
>
>END
>
>
>
>Regards
>Norman G4AYU
>
>

1776. Re: Phase 3D delayed?

Newsgroup: rec.radio.amateur.space
Date: 2000-07-16 00:00:00 UTC
From: EAVESDROPPER <ian@eavesdropper.worldonline.co.uk>
Message-ID: <3971c72d@news.server.worldonline.co.uk>
Source record: 8910

lets hope they choose to use a proton instead of an arianne rocket like the latest cluster launch...after all these delays we could well do without a failure during launch :-)

ian

Norman Kenyon <g4ayu@airtime.co.uk> wrote in message news:39717499.87BC07B3@airtime.co.uk...
> This latest news release may put the launch of Phase 3D back a month ot
> two.
>
> ....
>
> Mission Update:
> Flight 130
> July 13: A mission stand-down after a hardware warning
>
>
> The smooth launch campaign for Flight 130 has been interrupted because
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> anomaly detected during endurance testing in Europe on a future version
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> Ariane 5's upper stage.
>
> Activity at the Spaceport is now focused at putting the Flight 130
> launcher
> and its dual satellite payload into a standby mode until a new liftoff
> date
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> The mission was postponed after the anomaly during a long duration
> attitude
> control system ground for the future "Versatile" version of Ariane 5's
> EPS
> upper stage. In the wake of the anomaly, a warning was issued for the
> similar attitude control system that is installed on Flight 130's Ariane
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> attitude control system hardware installed on the Flight 130 vehicle,
> Arianespace made the launch postponement decision.
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> The attitude control system uses hydrazine propellant, and is integrated
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> Ariane 5's vehicle equipment bay. It provides roll control during

> operation
> of Ariane 5's main cryogenic stage after the solid rocket boosters have
> separated from the launcher. The attitude control system continues to
> function during powered flight of the upper stage, ensuring three-axis
> control for all satellite positioning maneuvers.
>
> A new launch date for Flight 130 should be announced soon, with the
> mission
> now anticipated for the first half of September.
>
> This means that Arianespace's next launch will be Flight 131, which is
> targeted for August 11. Flight 131 will use an Ariane 4 to orbit the
> Brasilsat B4 and Nilesat 102 satellites.
>
> END
>
>
>
> Regards
> Norman G4AYU#
>
>

1777. Re: turnstile antenna plans

Newsgroup: rec.radio.amateur.space
Date: 2000-07-16 00:00:00 UTC
From: Bruce Cox <peacox@gloryroad.net>
Message-ID: <397239ED.949D19FE@gloryroad.net>
Source record: 8911

Hamish: I use a commercially made turnstile antenna for satellite work. It is made by Cushcraft. I don't recall the model number but you can find details and pictures of it on the Cushcraft web site. Just from its appearance I can tell you it is nothing more than a pair of two crossed horizontal dipoles with one element is each pair being a driven element.Looks like about a foot, 12 inces, between the pair. They are beamed straight up and worked for me the first time I used them. It is a nice antenna and eliminates rotors and steerable beams (although I have that too). Since the first weekend in September 1999 I have worked 36 states and a half dozen DXCC countries. My best contacts have been on RS-13 (up on 2, down on 29 mhz), UO-14 (great bird!) and SO-35 (a neat satellite). I was called by a CT1 in Portugal on AO-10 using the turnstile but did not establish a qso with him. I have had no luck working the FO20 or FO29 birds with the turnstile. You might want to investigate the eggbeater antennas made by M2 (that's M-square...see their webb site). On the turnstile I use a Icom 271A on the uplink and Icom 740 (HF) or Icom 471A (435 mhz) on the downlinks. Now let me see if I can find that model number: t416tb. Not sure about that number. I hope this helps. BTW on the steerable array, an old Cushcraft AOP-1 (Oscar Pack) I use a new Yaesu FT-847. 73, Pat, K4AVO

Hamish Moffatt VK3SB wrote:

> I searched the web thoroughly but could not find detailed plans
> for building a turnstile antenna for 2m/70cm. Can anyone help
> me out with a URL?
>
> thanks,
> Hamish
> --
> Hamish Moffatt VK3SB <hamish@debian.org> <hamish@cloud.net.au>

1778. Re: Accessing NOAA Satelite Images

Newsgroup: rec.radio.amateur.space
Date: 2000-07-17 00:00:00 UTC
From: None@dontevntry.oro
Message-ID: <8kuseh$d2$1@news.uky.edu>
Source record: 8912

In article <396EACF2.4BA0B006@netscape.net>, michaelaterrell@netscape.net
says...
>
>
>
>Rob Janssen wrote:
>>
>> frg9600 <frg9600@earthlink.net> wrote:
>> >I use a old Yaesu frg9600 receiver WXsat 2.5 with a turnstile and GRE 3001
>> >preamp and these are the pictures I get.
>> >http://home.earthlink.net/~frg9600/jammers.html
>>
>> I once owned an FRG-9600 and its filters are sooo terrible that this may
>> even work...
>>
>> But on a decent receiver with standard NBFM filters it will widely swing
>> out of the filters, and on WFM the SNR is less than you would like it to
>> be.
>>
>> Most people commenting on how well it works on their unsuitable receiver
>> just have not seen how it is on the correct receiver...
>>
>> Rob
>> --
>> +-----------------------------------+--------------------------------------+
>> | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
>> | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
>> +-----------------------------------+--------------------------------------+
>Then you should see it on the special L3Com / Microdyne systems at the
>NOAA sites.
OR give the Icom PCR1000 a try. The 50KHz BW is very good.
Lots of detail, with a LOT less noise then some commercial
receivers.
YMWV

1779. Re: turnstile antenna plans

Newsgroup: rec.radio.amateur.space
Date: 2000-07-17 00:00:00 UTC
From: marsgal42@hotmail.com
Message-ID: <8kvd5jvou1@nnrp1.deja.com>
Source record: 8913

In article <9v9c5.3678$I43.12963@news1.eburwd1.vic.optushome.com.au>,
hamish@cloud.net.au (Hamish Moffatt VK3SB) wrote:

> I searched the web thoroughly but could not find detailed plans
> for building a turnstile antenna for 2m/70cm. Can anyone help
> me out with a URL?

There may not be one - but this stuff is well covered in just
about every VHF/UHF/satellite ham radio book printed in the
last 30 years. Just how detailed do you need?

Briefly, you need two dipoles. They will be at 90 degrees to
each other, and must be fed 90 degrees out of phase. How you
do this is up to you. The antenna I use at home uses quarter-
wave phasing lines and works fine.

Depending on the exact pattern you want, the ground plane will
be something from 1/4 lambda to 3/8 lambda below the dipoles.
It must be at least one half wavelength across.

Have fun.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..." - Hospital/Shafte

Sent via Deja.com http://www.deja.com/
Before you buy.

1780. Guide to the rec.radio Newsgroups

Newsgroup: rec.radio.amateur.space
Date: 2000-07-18 00:00:00 UTC
From: jeffreyh@Hawaii.Edu
Message-ID: <8l12a5hdv1@news.hawaii.edu>
Source record: 8914
Cross-posted to: rec.radio.amateur.space,rec.answers,news.answers

Archive-name: radio/personal-intro

This message describes the rec.radio.amateur.*, rec.radio.cb, rec.radio.info, and rec.radio.swap newsgroups, as well as their Internet mailing list counterparts and complements. It is intended to serve as a guide for the new reader on what to find where. Questions and comments may be directed to Jeffrey Herman, KH6O, jeffreyh@hawaii.edu, or Paul Schleck, K3FU, pschleck@novia.net.

This message was last changed on 14 March, 1998.

History
=======

Way back when, before there was a Usenet, the Internet hosted a mailing list for hams, called (appropriately enough) INFO-HAMS. Ham radio discussions were held on the mailing list, and sent to the mailboxes of those who had signed up for it. When the Usenet software was created, and net news as we now know it was developed, a newsgroup was created for hams: net.ham-radio. The mailing list and the newsgroup were gatewayed together, eventually.

Over the years, as the net grew, the volume of discussion became progressively higher. First one by one, and then as part of two reorganizations, what was once one group became many. In the process, developments elsewhere on the net were reflected in the groups as they were created, most notably the change to place all of the ham radio groups in one hierarchy.

The collection of newsgroups continues to grow as more people join the net, and as more topics of discussion gain volume, I expect to see more groups be created as well. This follows what is happening on the rest of the net.

Nearly all of the radio newsgroups have corresponding mailing lists, the notable exception being rec.radio.swap. There are also a few mailing lists that don't have newsgroups.

The Current Groups
==================

It's important to post messages to the group that's appropriate for them, and not to the groups that aren't. The whole idea of having different newsgroups is so that folks who aren't interested in, say, homebrewing, don't have to wade through messages about homebrewing on the way to read about Field Day. Posting appropriately is just good etiquette.

The rec.radio.amateur.misc group is the catchall. It is what rec.ham-radio was renamed to during the first major reorganization. Any amateur radio-related message that's not more appropriate in one of the other groups belongs here, from contesting to DX to ragchewing on VHF to information on becoming a ham.

The group rec.radio.amateur.digital.misc is for discussions related to (surprise!) digital amateur radio. This doesn't have to be the common two-meter AX.25 variety of packet radio, either; some of the most knowledgeable folks in radio digital communications can be found here, and anything in the general area is welcome. The name was changed to emphasize this, and to encourage discussion not only of other text-based digital modes, such as AMTOR, RTTY, and Clover, but things like digital voice and video as well. The former group, rec.radio.amateur.packet, was removed on September 21st, 1993. It is obsolete, and you should use .digital.misc instead (or the appropriate new mailing list, mentioned below). The group has .misc as part of the name to allow further specialization if the users wish it, such as .digital.tcp-ip.

The swap group is rec.radio.swap. This recognizes a fact that became evident shortly after the original group was formed: Hams don't just swap ham radio gear, and other folks besides hams swap ham equipment. If you have radio equipment, or test gear, or computer stuff that hams would be interested in, here's the place. Equipment wanted postings belong here too. Discussions about the equipment generally don't; if you wish to discuss a particular posting with the buyer, email is a much better way to do it, and the other groups, especially .equipment and .homebrew, are the place for public discussions. There is now a regular posting with information on how to go about buying and selling items in rec.radio.swap; please refer to it before you post there. To answer a frequently asked question: No, there is no mailing list that goes along with this group. If you can't read Usenet news directly, you're out of luck.

The group rec.radio.amateur.policy was created as a place for all the discussions that seem to drag on interminably about the many rules, regulations, legalities, and policies that surround amateur radio, both existing and proposed. Recent changes to the Amateur Radio Rules (FCC Part 97) have finally laid to rest the Great Usenet Pizza Autopatch Debate - it's now legal to order a pizza on the autopatch, if you're not in the pizza business - as well as complaints about now-preempted local scanner laws hostile to amateurs, but plenty of discussion about what a bunch of rotten no-goodniks the local frequency coordinating body is, as well as the neverending no-code debate, may still be found here.

The group rec.radio.cb is the place for all discussion about the Citizens' Band radio service. Such discussions have been very inflammatory in rec.ham-radio in the past; please do not cross-post to both rec.radio.cb and rec.radio.amateur.* unless the topic is genuinely of interest to both hams and CBers - and very few topics are.

The rec.radio.info group is just what its name implies: it's the place where informational messages from across rec.radio.* may be found, regardless of where else they're posted. As of this writing, information posted to the

group includes Cary Oler's daily solar progagation bulletins, ARRL bulletins, the Frequently Asked Questions files for the various groups, and radio modification instructions. This group is moderated, so you cannot post to it directly; if you try, even if your message is crossposted to one of the other groups, your message will be mailed to the moderator, who is currently David Dodell, WB7TPY. The email address for submissions to the group is rec.radio.info-moderator@primenet.com. Inquires and other adminis-trivia should be directed to rec.radio.info-request@primenet.com. For more information about rec.radio.info, consult the introduction and posting guidelines that are regularly posted to that newsgroup.

The groups r.r.amateur.antenna, .boatanchors, .dx, .equipment, .homebrew, and .space are for more specialized areas of ham radio: discussions about antennas, the older tube based amateur, military, and commercial gear, commercially-made equipment, homebrewing, and amateur radio space operations. The .equipment group is not the place for buying or selling equipment; that's what rec.radio.swap is for. Similarly, the .space group is specifically about amateur radio in space, such as the OSCAR program and SAREX, the Shuttle Amateur Radio EXperiment; other groups cover other aspects of satellites and space. Homebrewing isn't about making your own alcoholic beverages at home (that's rec.crafts.brewing), but rather construction of radio and electronic equipment by the amateur experimenter. The .dx group is devoted to long distance amateur communications. Each of these subgroups has its own charter and FAQ; please refer to the archives to find these documents.

Except for rec.radio.swap and rec.radio.cb, all of these newsgroups are available by Internet electronic mail in digest format; send a mail message containing "help" on a line by itself to listserv@ucsd.edu for instructions on how to use the mail server.

All of the groups can be posted to by electronic mail, though, by using a gateway at the University of Texas at Austin. To post a message this way, change the name of the group you wish to post to by replacing all of the '.'s with '-'s - for example, rec.radio.swap becomes rec-radio-swap - and send to that name@cs.utexas.edu (rec-radio-swap@cs.utexas.edu, for example). You may crosspost by including multiple addresses as Cc: entries (but see below). This gateway's continued availability is at the pleasure of the admins at UT-Austin, and is subject to going away at any time - and especially if forgeries and other net.abuses become a problem. You have been warned.

Mailing Lists

In addition to the mailing lists that mirror the Usenet newsgroups, there also are a few that stand alone. These cover specific areas of ham radio, and discussion is focused on just those areas. PLEASE BE SURE TO SAVE THE WELCOME MESSAGE YOU RECEIVE AFTER SUBSCRIBING -- IT WILL CONTAIN IMPORTANT INFO REGARDING UNSUBSCRIBING!

The cq-contest mailing list is for discussions of contesting in ham radio. To join, send an email to cq-contesting-request@contesting.com.

The DX mailing list covers the finer points of DXing. This one is also joined by mailing "subscribe" on a line by itself, this time to dx-request@unbc.edu.

There's also a VHF mailing list, for VHF operators of the weak signal persuasion. You can join this one be sending "subscribe vhf" on a line by itself to vhf-request@w6yx.stanford.edu.

The QRP-L list is devoted to building and operating gear at low-power outputs. To subscribe, send an email to listproc@lehigh.edu and only write: subscribe qrp-l Your Name.

The TopBand e-list is devoted to all areas of operation on 160m. To subscribe, send an email to majordomo@contesting.com and only write: subscribe topband and follow the instructions you'll be sent.
This site, contesting.com, also hosts a couple dozen other ham-related e-lists. Use the above address, and only write: lists to get the entire index.

The Boatanchors e-list is devoted to the older tube-based ham, military, and commercial communications gear. To subscribe, send an email to: listserv@listserv.tempe.gov and only write: subscribe boatanchors

For homebuilding transmitters and receivers using tube technology, there is the Glowbugs e-list; send an email to: majordomo@piobaire.mines.uidaho.edu and only write: subscribe glowbugs <your@address.here>

The VHF DX discussion list can be accessed by sending an email to: majordomo@blacksheep.org and only writing: subscribe VHF-DX-discuss.

We now have a list devoted to amateur radio history. To subscribe, send an email to: ham-radio-history-subscribe@egroups.com - leave the body of the message blank.

Qth.net hosts over 100 ham-related e-lists, including lists devoted to each state, manufacturer, mode, band - too many to state here. Send an email to majordomo@qth.net and only write: lists to get the complete index.

For one of the most complete indexes of email lists, see the excellent web site http://pw2.netcom.com/~ac6v/pageae.html

Please do NOT send subscription requests to the mailing lists themselves; that doesn't work very often, and is very annoying to those on the list. Also, please keep your electronic mail address current with any mailing lists you subscribe to, as dealing with returned email is a nuisance for the person maintaining the mailing list.

A Few Words on Crossposting
==========

Please do not crosspost messages to two or more groups unless there is genuine interest in both groups in the topic being discussed, and when you do, please include a header line of the form "Followup-To: group.name" in your article's

headers (before the first blank line). This will cause followups to your article to go to the group listed in the Followup-To: line. If you wish to have replies to go to you by email, rather than be posted, use the word "poster" instead of the name of a group. Such a line appears in the headers of this article.

One of the few examples of productive cross-posting is with the rec.radio.info newsgroup. To provide a filtered presentation of information articles, while still maintaining visibility in their home newsgroups, the moderator strongly encourages cross-posting. All information articles should be submitted to the rec.radio.info moderator so that he may simultaneously cross-post your information to the appropriate newsgroups. Most newsreaders will only present the article once, and network bandwidth is conserved since only one article is propagated. If you make regular informational postings, and have made arrangements with the moderator to post directly to the group, please cross-post as appropriate.

--
Jeffrey Herman, KH6O, and your friendly rec.radio.amateur working-group
jeffreyh@hawaii.edu

1781. About Recevice Satellite Imagery

Newsgroup: rec.radio.amateur.space
Date: 2000-07-18 00:00:00 UTC
From: David Chu <helper@netvigator.com>
Message-ID: <39743C68.6CB8CB45@netvigator.com>
Source record: 8915
Body handling: Binary attachment payload not displayed: helper.vcf

Dear Specialist

I have a important question about recevice the satellite imagery and

weather chart by wireless method, I need to looking for the wireless

Radio have All-In-One function, that mean is Transmit HF/VHF/UHF

frequency Include (SSB Morse Code Transmition) and Recevice the All

band even NOAA Satellite Imagery ,I found that NOAA Satellite normally

transmit - SSB Band with Frequency between 137-138MHz .

Finally , I found the Yaesu HF/50/144/430 ALL MODE TRANSCEIVER

(Satellite Version), the Specificationas show as below...

http://radioinfo.co.nz/ft847/ft847spe.htm

http://www.macawelectronics.com/yaesu/ft847.html

I GUESS this model can coverage the satellite signal,but I have some

question still....

1. Does it(Yaseu) suitable for Recevice Satellite Imagery from NOAA?

2. Can I use the Qualifilar Helix Antenna and Yaseu to recevice

Satellite Imagery ?

3. Also,Do I need more Accessories except Antenna and Recevice ?

Please Help and Suggest.

Thanks very much.

Helper

[One or more binary attachments are retained only in the source text.]

1782. Re: About Recevice Satellite Imagery

Newsgroup: rec.radio.amateur.space
Date: 2000-07-18 00:00:00 UTC
From: matt <mattobr@ntlworld.com>
Message-ID: <39744939.8C57C3BB@ntlworld.com>
Source record: 8916

Hi david

i have a ft 847 radio which i have used in the past to rx noaa images on
137-138 but the band width of th rx is no narrow you still get images
but not as good as they should be i am now using a commercial wx sat
radio and i seem to get better pictures. antennas i am using a
137-138mhz turn style
cheers matt

David Chu wrote:
>
> Dear Specialist
>
> I have a important question about recevice the satellite imagery and
>
> weather chart by wireless method, I need to looking for the wireless
>
> Radio have All-In-One function, that mean is Transmit HF/VHF/UHF
>
> frequency Include (SSB Morse Code Transmition) and Recevice the All
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> band even NOAA Satellite Imagery ,I found that NOAA Satellite normally
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> transmit - SSB Band with Frequency between 137-138MHz .
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> Finally , I found the Yaesu HF/50/144/430 ALL MODE TRANSCEIVER
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> (Satellite Version), the Specificationas show as below...
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>
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>
> I GUESS this model can coverage the satellite signal,but I have some
>
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>
> 2. Can I use the Qualifilar Helix Antenna and Yaseu to recevice
>
> Satellite Imagery ?
>
> 3. Also,Do I need more Accessories except Antenna and Recevice ?
>

> Please Help and Suggest.
>
> Thanks very much.
>
> Helper

1783. About FT-847

Newsgroup: rec.radio.amateur.space
Date: 2000-07-18 00:00:00 UTC
From: David Chu <helper@netvigator.com>
Message-ID: <39746151.57951F67@netvigator.com>
Source record: 8917
Body handling: Binary attachment payload not displayed: helper.vcf

Dear Matt

Hello, Thanks for help.

I just very happy u had experience for using FT-847 to recevice NOAA

Satellite Imagery, but it not good for recevice NOAA Imagery ?? NOT

ENOUGH the Narrow ? I just was thinking 847 is excellent for recevice

include NOAA even it can transmit before ,but it include Satellite

function ? for what usage ???

If compare with the Icom-R8500 and Icom-PCR 1000 Recevice ,

whice one is better for recevice NOAA Imagery ???

What kind of your commercial wx sat radio , antennas and how

much for that $$$??

I would like to know about your weather station,Please tell me .

Thank You Sir.

Helper.

Hi david

i have a ft 847 radio which i have used in the past to rx noaa images on
137-138 but the band width of th rx is no narrow you still get images
but not as good as they should be i am now using a commercial wx sat
radio and i seem to get better pictures. antennas i am using a
137-138mhz turn style
cheers matt

[One or more binary attachments are retained only in the source text.]

1784. Re: About FT-847

Newsgroup: rec.radio.amateur.space
Date: 2000-07-18 00:00:00 UTC
From: Helmut Wabnig <hwabnig@aon.at>
Message-ID: <j649ns0jgtrchlltfart810luhdkeimbe9@4ax.com>
Source record: 8918

On Tue, 18 Jul 2000 21:53:21 +0800, David Chu <helper@netvigator.com>
wrote:

>Dear Matt
>
>Hello, Thanks for help.
>
>I just very happy u had experience for using FT-847 to recevice NOAA
>
>Satellite Imagery, but it not good for recevice NOAA Imagery ?? NOT
>
>ENOUGH the Narrow ? I just was thinking 847 is excellent for recevice
>
You may need to modify the 847 with a special filter 30 or 40 KHz
bandwidth,
and if used as NOAA receiver, it must have AFC..

w

1785. Re: About Recevice Satellite Imagery

Newsgroup: rec.radio.amateur.space
Date: 2000-07-18 00:00:00 UTC
From: EAVESDROPPER <ian@eavesdropper.worldonline.co.uk>
Message-ID: <3974c558@news.server.worldonline.co.uk>
Source record: 8919

there are very few commercially avaliable radios that TX/RX and cover the bands you mention "and" also have at least a 30khz wide filter for wx..in fact I cannot think of any that do all that, which I do not understand personally I think this is a serious shortcoming on the part of the manafacturer, it does not take much to fit in a 30-50khz switchable filter into an amatuer radio and it would be a most useful addition to all those ham radios that cover the WX frequencys.

please take note icom, kenwood, yaseu etc.

ian

matt <mattobr@ntlworld.com> wrote in message
news:39744939.8C57C3BB@ntlworld.com...
> Hi david
>
> i have a ft 847 radio which i have used in the past to rx noaa images on
> 137-138 but the band width of th rx is no narrow you still get images
> but not as good as they should be i am now using a commercial wx sat
> radio and i seem to get better pictures. antennas i am using a
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> David Chu wrote:
> >
> > Dear Specialist
> >
> > I have a important question about recevice the satellite imagery and
> >
> > weather chart by wireless method, I need to looking for the wireless
> >
> > Radio have All-In-One function, that mean is Transmit HF/VHF/UHF
> >
> > frequency Include (SSB Morse Code Transmition) and Recevice the All
> >
> > band even NOAA Satellite Imagery ,I found that NOAA Satellite normally
> >
> > transmit - SSB Band with Frequency between 137-138MHz .
> >
> > Finally , I found the Yaesu HF/50/144/430 ALL MODE TRANSCEIVER
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> > (Satellite Version), the Specificationas show as below...
> >
> > http://radioinfo.co.nz/ft847/ft847spe.htm
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> > http://www.macawelectronics.com/yaesu/ft847.html
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> > I GUESS this model can coverage the satellite signal,but I have some
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> >
> > 2. Can I use the Qualifilar Helix Antenna and Yaseu to recevice
> >
> > Satellite Imagery ?
> >
> > 3. Also,Do I need more Accessories except Antenna and Recevice ?
> >
> > Please Help and Suggest.
> >
> > Thanks very much.
> >
> > Helper

1786. Re: About Recevice Satellite Imagery

Newsgroup: rec.radio.amateur.space
Date: 2000-07-18 00:00:00 UTC
From: marsgal42@hotmail.com
Message-ID: <8l2iht$d01$1@nnrp1.deja.com>
Source record: 8920

In article <3974c558@news.server.worldonline.co.uk>,
"EAVESDROPPER" <ian@eavesdropper.worldonline.co.uk> wrote:
> there are very few commercially avaliable radios that TX/RX and cover
the
> bands you mention "and" also have at least a 30khz wide filter for
wx..in
> fact I cannot think of any that do all that, which I do not understand
> personally I think this is a serious shortcoming on the part of the
> manafacturer, it does not take much to fit in a 30-50khz switchable
filter
> into an amatuer radio and it would be a most useful addition to all
those
> ham radios that cover the WX frequencys.
>
> please take note icom, kenwood, yaseu etc.

Question: other than weather satellites, what applications does
a 50 kHz FM bandwidth have?

Yaecomwood will want to know.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..." - Hospital/Shafte

Sent via Deja.com http://www.deja.com/
Before you buy.

1787. ARRL and TAPR 19th Annual Digital Communications Conference

Newsgroup: rec.radio.amateur.space
Date: 2000-07-18 00:00:00 UTC
From: srbible@gate.net
Message-ID: <3974eb94.9995703@news.gate.net>
Source record: 8921

ARRL and TAPR 19th Annual
Digital Communications Conference
September 22-24, 2000 - Orlando, Florida

For more information see: http://www.tapr.org/dcc

Information
Mark your calendar and start making plans to attend the year's premier

event in digital communications. The 19th Annual ARRL and TAPR Digital Communications Conference will be held September 22-24, 2000, in Orlando, Florida - just minutes from the Orlando International Airport.

The ARRL and TAPR Digital Communications Conference is an international forum for radio amateurs in digital communications, networking, and related technologies to meet, publish their work, and present new ideas and techniques for discussion. Presenters and attendees will have the opportunity to exchange ideas and learn about recent hardware and software advances, theories, experimental results,

and practical applications. The Digital Communications Conference is not just for the digital expert, but also for digitally oriented amateurs of all levels of experience.

A Conference for the Beginner as well
The conference is not just for the digital expert. As in years past an entire session strand with beginning, intermediate, and advanced presentations on selected topics in digital communications will be offered. Some of the topics will include: APRS, Satellite Communications, TCP/IP, Digital Radio, Spread Spectrum and other introductory topics. Come to the conference and hear these topics presented by the experts!

Area Attractions
The Orlando Florida area is famous for its attractions and vacation spots. Disney World, Universal Studios, and Sea World (just to name a

few) are within 15 minutes of the hotel. Shuttle service from the hotel will be available for a small fee. Cape Canaveral and Cocoa Beach are a 30 minute drive East of the hotel.

Symposia, Seminars and Banquet
Two symposia/seminars will be held which allow those with additional time and interest to make the most of the Conference. For those who may have interest in just one symposium or seminar, registration for the conference is not required to attend these activities. This allows

maximum flexibility for those who may want to participate during the Digital Communications Conference, but do not have an entire weekend to devote to the event.

The Fourth APRS National Symposium will be held on Friday and will be moderated by Steve Dimse, K4HG (the developer of javAPRS). It will likely include many APRS software authors, such as Bob Bruninga, WB4APR (the father ofAPRS), Keith Sproul, WU2Z, Mark Sproul, KB2ICI (the developers of MacAPRS and WinAPRS), Brent Hildebrand, KH2Z (the developer of APRSPLUS), Mike Musick, N0QBF (developer of PocketAPRS), and other nationally known APRS leaders. Join this group for the afternoon and evening for in-depth discussions and presentations on the current and future status of APRS. This is a unique opportunity to

gain insight into this fast-growing digital aspect of amateur operations that combines computers, packet radio, and GPS (Global Positioning System).

On Saturday night the DCC Banquet will be held. A guest speaker will speak after the banquet and a prize drawing will top the evening. The

Grand Prize is a Palm VII Personal Digital Assistant.

The Sunday morning seminar will be focused on PIC development, design, and programming. This five-and-a-half hour seminar will focus on the things you need to know now in order to understand and begin to

participate in PIC development.

Co-Hosts
The 2000 ARRL and TAPR Digital Communications Conference local co-hosts will be Lake Monroe Amateur Radio Society (http://www.qsl.net/lmars/),Orange County ARES/RACES(http://evcom.net/~jvoisin/ares.htm), Seminole County ARES/RACES (http://wwww.geocities.com/capecanaveral/launchpad/4773), and Orlando Amateur Radio Club(http://www.oarc.org/).

International Co-Hosts PRUG (Packet Radio User Group of Japan) will be

the International co-host for a third year running. PRUG will be hosting an informal social Friday evening before their seminar and symposium is held. Visit http://www.prug.or.jp for more information about PRUG.

Call for Papers
Anyone interested in digital communications is invited to submit a paper for publication in the Conference Proceedings. Presentation at the Conference is not required for publication. Papers are due by August 7th, 2000, and should be submitted to

Maty Weinberg, ARRL
225 Main Street
Newington, CT 06111

or via the Internet to

lweinberg@arrl.org

Information on paper submission guidelines are available on-line at

http://www.tapr.org/dcc

Hotel
Conference presentations, meetings, and seminars will be held at the Orlando Airport Marriott. It is highly recommended that you book your

room prior to arriving. A special DCC room rate of $89/single and $89/double per night has been blocked for 50 rooms and is available until September 1st, 2000. Once the 50 rooms have been reserved, room

rates will increase. So be sure to book your rooms early! The hotel provides transportation to and from the Orlando International Airport.

Please contact the hotel to arrange specific transportation needs.

Orlando Airport Marriott (conference hotel)
7499 Augusta Drive
Orlando, FL 32822
Phone 407-851-9000, Fax 407-857-6211
(http://marriotthotels.com/MCOAP/)

What you can expect at DCC 2000
- A full day of papers and breakouts for the beginner to the advanced
- Two seminars/symposiums
- The fifth annual Student Paper session.
- A banquet with Special Guest Speaker.
- Informal get-togethers throughout the weekend.
- TAPR Membership Meeting
- An event at which the most important new developments in amateur digital communications are announced.
- Digital 'movers and shakers' from all over the world in attendance.

There are few activities where your participation can be so much fun and important! What a great way to share and renew your enthusiasm for

digital amateur radio! A get-together with colleagues and bringing each other up to date on your latest work -- all this, and more, for an unforgettable weekend of amateur radio and digital communications. We hope to see you at the ARRL and TAPR Digital Communications Conference on September 22-24, 2000!

Full information on the conference and hotel information can be obtained by contacting:

Tucson Amateur Packet Radio
Phone: (940) 383-0000.
Fax: (940) 566-2544
Email: tapr@tapr.org
Web: http://www.tapr.org

Registration Form
Contact the TAPR office by Phone 940-383-0000, Fax 940-566-2544, or Internet: http://www.tapr.org and tapr@tapr.org to register or for additional information.

Conference Registration includes: Conference Proceedings, Sessions, Meetings, and Lunch on Saturday.

- Pre-Registration (before Sept 1st)

$45.00 ______

- Registration (after Sept 1) or at door

$55.00 ______

- Saturday Evening Dinner (Limited Space)
Dinner with Guest Speaker
Prize Drawing

$30.00 ______

Symposia/Seminars

- 4th Annual APRS National Symposium
Friday, 1pm - 7pm. $25.00 ______

- Sunday Seminar
PIC Design, Development, and Programming

Sunday, 8:30 am - 2 pm. $20.00 ______

TOTAL ______

Name/Call:

Street Address:

City/State/Zip:

Country:

Phone Number:

Email:

Charge my credit card (circle one):

VISA MasterCard

Acct:

Expiration Date:

Signature on card:

Mail completed registration form with check to:
TAPR
8987-309 E Tanque Verde Rd #3378

Tucson, AZ 85749-9399

Or check http://www.tapr.org/dcc for an on-line registration form.

A registration packet will be mailed in September upon receipt of
registration form and payment.

1788. Recievers for NOAA satelites

Newsgroup: rec.radio.amateur.space
Date: 2000-07-19 00:00:00 UTC
From: David Findlay <nedz@bigpond.com>
Message-ID: <8L5d5.14509$c5.39185@newsfeeds.bigpond.com>
Source record: 8922

After all the posts about receiving NOAA images I'm a bit confused. What are the exact characteristics that make for a good receiver for this sort of work?

David Findlay

1789. Re: About Recevice Satellite Imagery

Newsgroup: rec.radio.amateur.space
Date: 2000-07-19 00:00:00 UTC
From: Ash <ash@gravitywell.org>
Message-ID: <39755113.99E9878A@gravitywell.org>
Source record: 8923

> band even NOAA Satellite Imagery ,I found that NOAA Satellite normally
> transmit - SSB Band with Frequency between 137-138MHz .

It's acutally FM at ~40kHz bandwidth, alas most radios have no more than
15kHz,
if it has 50kHz you'll be fine...

> 1. Does it(Yaseu) suitable for Recevice Satellite Imagery from NOAA?

As I could understand it did have a 30kHz, that might be good enough but
I can't really say..

> 2. Can I use the Qualifilar Helix Antenna and Yaseu to recevice

Don't see why that would be a problem

> 3. Also,Do I need more Accessories except Antenna and Recevice ?

Antenna cable :) and a computer with a soundcard and a decoding program.
http://www.hffax.de/WX_Satellite/WXSat/wxsat.html
is a great program for recieving pics. from weather satellites.
Actually there is alot of info on www.hffax.de , have a look at it

//Ash

1790. Re: Satellite tracking software question

Newsgroup: rec.radio.amateur.space
Date: 2000-07-19 00:00:00 UTC
From: glapierre@seimac.com
Message-ID: <39759514.1111323373@news.seimac>
Source record: 8924

Traksat is a great program and it is free. It does the star
background.

Greg

>Hi Everyone,
>
>I'm looking for a Windows 95 based software package that will give me a
>view of the sky directly over my position, and let me orient the program
>view overhead to my position on the ground. I like going out in the
>summer evening onto my patio, and I just want to be able to grab my
>laptop, go out back, look up and compare this view with whats on the
>laptop.
>
>The more graphically interesting the better.
>
>Any suggestions are appreciated, please email me directly if it's not to
>much trouble.
>

1791. Re: Recievers for NOAA satelites

Newsgroup: rec.radio.amateur.space
Date: 2000-07-19 00:00:00 UTC
From: marsgal42@hotmail.com
Message-ID: <8l4lbmtct1@nnrp1.deja.com>
Source record: 8925

In article <8L5d5.14509$c5.39185@newsfeeds.bigpond.com>,
"David Findlay" <nedz@bigpond.com> wrote:
> After all the posts about receiving NOAA images I'm a bit
> confused. What are the exact characteristics that make for
> a good receiver for this sort of work?

Sufficient IF bandwidth, mainly. The signals are somewhat wider
than the usual terrestrial communications stuff. But they're
not as wide as, say, FM broadcast. Look for 30 kHz minimum,
with 50 kHz being useful. One common trick is to use a really
cheap filter, since cheap filters have poor skirt selectivity
and act like they're wider than their rated bandwidth.

PLL demodulators are nice, since they can track Doppler while
they demodulate.

Frequency agility is not a big issue - here in North America
there are only four active APT frequencies (137.3, 137.5,
137.62 and 137.85 MHz).

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..." - Hospital/Shafte

Sent via Deja.com http://www.deja.com/
Before you buy.

1792. Re: Phase 3 D : Is it an antique yet?

Newsgroup: rec.radio.amateur.space
Date: 2000-07-19 00:00:00 UTC
From: vlfiscus@mcn.net
Message-ID: <snbqfl8m6tt115@corp.supernews.com>
Source record: 8926
Cross-posted to: rec.radio.amateur.space,,rec.radio.amateur.misc

If Arianespace had been more forthcoming with AMSAT, P3D would be in space already, But they chose to withhold valuable information until the last moment which forced us to miss our ride.

kb7adl

rickw7rt@firstinter.net (Richard L. Tannehill, P.E.) wrote in <3970C8D9.1E3C@firstinter.net>:

>marsgal42@hotmail.com wrote:
>>
>> In article <396CB4E7.E584062@mbl.edu>,
>> fleet@mbl.edu wrote:
>> > Juan, I think antenna/power selections are a mute effort.
>> > I don't think 3D really exists, I've been waiting since "96"
>>
>> Phase 3D has been Real Soon Now for the entire duration
>> of my association with AMSAT. Either you keep the faith,
>> or you don't. If you do, you look at the up- and downlinks
>> that look promising, see what you can do about them, and
>> generally hedge your bets (e.g. terrestrial microwave).
>> If you don't, it doesn't matter anyway.
>>
>> I'd be lying if I said my faith was as strong as it once
>> was. But that's another matter.
>>
>> Laura Halliday VE7LDH "Que les nuages soient notre
>> Grid: CN89mg pied a terre..." - Hospital/Shafte
>>
>> Sent via Deja.com http://www.deja.com/
>> Before you buy.
>
>But the reason to "keep the faith" now is better than ever before. We
>are manifested in the next three months on an Ariane 5 that is not just
>a test flight, but a fully operational one that stands a high
>probability of success. We also have had an extra three years to shake,
>rattle, and roll the bird, and work out the kinks in it. There were
>several problems found with it during this testing that were made
>public, but were corrected during the wait.
>
>In summary, I think we're likely to have an excellent bird that will
>serve the amateur community well for a decade or more. It should
>revitalize the amateur space program worldwide.
>

>Rick Tannehill
>W7RT
>

1793. Re: Recievers for NOAA satelites

Newsgroup: rec.radio.amateur.space
Date: 2000-07-19 00:00:00 UTC
From: Jim Jerzycke <kq6ea@pacbell.net>
Message-ID: <3975EB2B.7778C23F@pacbell.net>
Source record: 8927

You need about a 30 kHz IF bandwidth to recover all of the audio. I've used my FT-50 set to "WFM", but it's a little too wide, and the pix look noisy. Some people take a regular scanner, remove the 455 kHz IF filter, and replace it with a .1 capacitor to "open up the bandwidth". I don't know how well this works, but there was a place selling "Specially modified scanners", and that's all he did.
HTH, Jim

1794. Re: Recievers for NOAA satelites

Newsgroup: rec.radio.amateur.space
Date: 2000-07-19 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8nbrq1.bvi.nomail@linux.pe1chl.ampr.org>
Source record: 8928

marsgal42@hotmail.com <marsgal42@hotmail.com> wrote:
>Frequency agility is not a big issue - here in North America
>there are only four active APT frequencies (137.3, 137.5,
>137.62 and 137.85 MHz).

Note that other satellites transmit in the same band. But the signals
are not very strong, so it will probably work OK as long as you don't
use Broadcast-FM-Stereo bandwidth...

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

1795. Re: Phase 3 D : Is it an antique yet?

Newsgroup: rec.radio.amateur.space
Date: 2000-07-19 00:00:00 UTC
From: "Richard L. Tannehill, P.E." <rickw7rt@firstinter.net>
Message-ID: <39768C01.6974@firstinter.net>
Source record: 8929
Cross-posted to: rec.radio.amateur.space,,rec.radio.amateur.misc

Vince Fiscus, KB7ADL wrote:
>
> If Arianespace had been more forthcoming with AMSAT, P3D would be in space
> already, But they chose to withhold valuable information until the last
> moment which forced us to miss our ride.
>
> kb7adl

Yes, I agree they should have been more forthcoming, and waited for us
to go up on the 502. But, as fate would have it, we now have a more
reliable bird to go up on. So, I guess it's all water under the bridge
now. Still, it's a rocket, so cross your fingers :)

Rick T.
W7RT

>
> rickw7rt@firstinter.net (Richard L. Tannehill, P.E.) wrote in
> <3970C8D9.1E3C@firstinter.net>:
>
> >marsgal42@hotmail.com wrote:
> >>
> >> In article <396CB4E7.E584062@mbl.edu>,
> >> fleet@mbl.edu wrote:
> >> > Juan, I think antenna/power selections are a mute effort.
> >> > I don't think 3D really exists, I've been waiting since "96"
> >>
> >> Phase 3D has been Real Soon Now for the entire duration
> >> of my association with AMSAT. Either you keep the faith,
> >> or you don't. If you do, you look at the up- and downlinks
> >> that look promising, see what you can do about them, and
> >> generally hedge your bets (e.g. terrestrial microwave).
> >> If you don't, it doesn't matter anyway.
> >>
> >> I'd be lying if I said my faith was as strong as it once
> >> was. But that's another matter.
> >>
> >> Laura Halliday VE7LDH "Que les nuages soient notre
> >> Grid: CN89mg pied a terre..." - Hospital/Shafte
> >>
> >> Sent via Deja.com http://www.deja.com/
> >> Before you buy.
> >
> >But the reason to "keep the faith" now is better than ever before. We

> >are manifested in the next three months on an Ariane 5 that is not just
> >a test flight, but a fully operational one that stands a high
> >probability of success. We also have had an extra three years to shake,
> >rattle, and roll the bird, and work out the kinks in it. There were
> >several problems found with it during this testing that were made
> >public, but were corrected during the wait.
> >
> >In summary, I think we're likely to have an excellent bird that will
> >serve the amateur community well for a decade or more. It should
> >revitalize the amateur space program worldwide.
> >
> >Rick Tannehill
> >W7RT
> >

1796. Re: FOD Track PC boards....

Newsgroup: rec.radio.amateur.space
Date: 2000-07-20 00:00:00 UTC
From: James Arruda <jamesar@earthlink.net>
Message-ID: <39776376.6AA07967@earthlink.net>
Source record: 8930

Yes, I would be interested. Jim KB1UZ

Ka3hsw wrote:

> I am going to have a circuit board for FOD-Track made up.... is there enough
> interest in them that I should have them make up more than one?????
>
> 73 de KA3HSW
>
> delete "nojunk" from e-mail address before replying.

1797. Re: Phase 3 D : Is it an antique yet?

Newsgroup: rec.radio.amateur.space
Date: 2000-07-21 00:00:00 UTC
From: Gary Coffman <ke4zv@bellsouth.net>
Message-ID: <qv0gnsgso4ratpvkaob5m7646oj4028bhj@4ax.com>
Source record: 8931

On Wed, 19 Jul 2000 17:48:37 GMT, vlfiscus@mcn.net (Vince Fiscus, KB7ADL) wrote:
>If Arianespace had been more forthcoming with AMSAT, P3D would be in space
>already, But they chose to withhold valuable information until the last
>moment which forced us to miss our ride.

Good thing too, since the bird missed its intended orbit.

Gary
Gary Coffman KE4ZV | You make it |mail to ke4zv@bellsouth.net
534 Shannon Way | We break it |
Lawrenceville, GA | Guaranteed |

1798. Re: turnstile antenna plans

Newsgroup: rec.radio.amateur.space
Date: 2000-07-22 00:00:00 UTC
From: hamish@cloud.net.au
Message-ID: <iKce5.5540$I43.17969@news1.eburwd1.vic.optushome.com.au>
Source record: 8932

marsgal42@hotmail.com wrote:
> There may not be one - but this stuff is well covered in just
> about every VHF/UHF/satellite ham radio book printed in the
> last 30 years. Just how detailed do you need?

Well, some detail would be nice. The ARRL antenna book and
handbook have very poor coverage of the topic really.

> Briefly, you need two dipoles. They will be at 90 degrees to
> each other, and must be fed 90 degrees out of phase. How you
> do this is up to you. The antenna I use at home uses quarter-
> wave phasing lines and works fine.

> Depending on the exact pattern you want, the ground plane will
> be something from 1/4 lambda to 3/8 lambda below the dipoles.
> It must be at least one half wavelength across.

I constructed two dipoles with both have low SWR individually.
When connected together with a quarter wavelength of RG-6
the SWR is 2.5-3:1 though. I wasn't aware of the ground plane
requirement though, so that's probably the problem.

Hamish
--
Hamish Moffatt VK3SB <hamish@debian.org> <hamish@cloud.net.au>

1799. Re: turnstile antenna plans

Newsgroup: rec.radio.amateur.space
Date: 2000-07-22 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8nioft.d72.nomail@linux.pe1chl.ampr.org>
Source record: 8933

Hamish Moffatt VK3SB <hamish@cloud.net.au> wrote:
>I constructed two dipoles with both have low SWR individually.
>When connected together with a quarter wavelength of RG-6
>the SWR is 2.5-3:1 though. I wasn't aware of the ground plane
>requirement though, so that's probably the problem.

The impedance matching needs some thought (although you can also decide to
live with the mismatch, of course).

When the individual antennas have a low SWR, you will need an impedance
transformer when you parallel them. You should either:

- try to have each antenna double the impedance you need, then connect
them in parallel via a quarterwave section of coax of that impedance

or:

- have antenna impedances that are what you need, but connect them
together on a 2:1 impedance transformer

It is quite easy to make such impedance transformers for small bandwidths,
just take a quarter-wave section of coax of the impedance (mathematically)
midway between the impedances you have.
When you want to use commercially available coax and a 50 ohm system, it
is easier to transform up (via a section of 75 ohm) than down. So you can
transform both your dipoles up, then connect the resulting higher
impedances in parallel to get at 50 ohms again.

When you homebrew your coaxial line, it is also possible to connect the
dipoles in parallel and transform the too-low impedance up to 50 ohms.

Any antenna handbook explains this... look in the section about stacking
antennas, and about obtaining circular polarization from crossed yagis.

(what you are trying to build is in fact a 2x2-el crossed yagi)

Rob
--
+----------------------------------+--+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--+

1800. WXSat and SB Live problem

Newsgroup: rec.radio.amateur.space
Date: 2000-07-22 00:00:00 UTC
From: Ash <ash@gravitywell.org>
Message-ID: <3979CCE7.5773F46C@gravitywell.org>
Source record: 8934
Cross-posted to: rec.radio.amateur.space,rec.radio.scanner,alt.radio.scanner

After switching from an awe64 to Live player. (LiveWare 3) the pictures
are almost pitchblack
in wxsat, it's .wav recording seems to work if I open it in Satsignal.
All other decoding programs such as Wacars & Poc32 works just fine so it
has nothing to
do with the input signal strength but how wxsats interprets it.
Has anyone else this problem with wxsat or know a remedy to it?
I've tried to find an email to the creators of wxsat but cannot find
it..

//Ash

1801. Re: WXSat and SB Live problem

Newsgroup: rec.radio.amateur.space
Date: 2000-07-22 00:00:00 UTC
From: Jeff Kelly <jkelly@bellatlantic.net>
Message-ID: <Mjne5.3459$l6.71470@typhoon2.ba-dsg.net>
Source record: 8935
Cross-posted to: rec.radio.amateur.space,rec.radio.scanner,alt.radio.scanner

From my experience with the Live card the playback
and recording mixer sliders are very confusing.

When you run TEST from wxsat during a pass are
you getting a full waveform?

Jeff Kelly
KT2K

"Ash" <ash@gravitywell.org> wrote in message
news:3979CCE7.5773F46C@gravitywell.org...
> After switching from an awe64 to Live player. (LiveWare 3) the pictures
> are almost pitchblack
> in wxsat, it's .wav recording seems to work if I open it in Satsignal.
> All other decoding programs such as Wacars & Poc32 works just fine so it
> has nothing to
> do with the input signal strength but how wxsats interprets it.
> Has anyone else this problem with wxsat or know a remedy to it?
> I've tried to find an email to the creators of wxsat but cannot find
> it..
>
> //Ash
>

1802. Re: turnstile antenna plans

Newsgroup: rec.radio.amateur.space
Date: 2000-07-23 00:00:00 UTC
From: ka3hsw@aol.comnojunk
Message-ID: <20000723003804.18821.00003269@nso-df.aol.com>
Source record: 8936

In article <iKce5.5540$I43.17969@news1.eburwd1.vic.optushome.com.au>,
hamish@cloud.net.au (Hamish Moffatt VK3SB) writes:

>
>I constructed two dipoles with both have low SWR individually.
>When connected together with a quarter wavelength of RG-6
>the SWR is 2.5-3:1 though. I wasn't aware of the ground plane
>requirement though, so that's probably the problem.

There's your problem: the phasing line should be RG-62, not RG-6. RG-62 is
100 ohm (93, actually), RG-6 is 75 ohms. And did you take the velocity factor
of the coax into account when cutting your 1/4 wave line?

The turnstile I built, with 3/8 wave spacing above the ground plane (4 feet by
4 feet, chicken wire over a wood frame), had an SWR of 1.2:1 and served me very
well on RS-10/11 and RS-15 for several years. I have since switched to an M2
eggbeater (less objectionable to the neighbors) and am very pleased with it.

73 de KA3HSW

delete "nojunk" from e-mail address before replying.

1803. Turnstile Antennas plans

Newsgroup: rec.radio.amateur.space
Date: 2000-07-23 00:00:00 UTC
From: Bypons@hotmail.COM
Message-ID: <397A872E.42BA3FE8@hotmail.com>
Source record: 8937

> Hello all, hamish if you want more info on turnstile antenna go to:

http://www.cebik.com/turns.html

Hope that this helps a bit, 73 fm
Edgar, HI8PLE.

> Hamish Moffatt VK3SB <hamish@cloud.net.au> wrote:
> >I constructed two dipoles with both have low SWR individually.
> >When connected together with a quarter wavelength of RG-6
> >the SWR is 2.5-3:1 though. I wasn't aware of the ground plane
> >requirement though, so that's probably the problem.

1804. FA: C-band FM uplink exciter also for Ham FMTV in 3456 and 5760

Newsgroup: rec.radio.amateur.space
Date: 2000-07-23 00:00:00 UTC
From: "3.14159265358979323846264338327 95" <ipete88@hotmail.com>
Message-ID: <CyEe5.10828$89.2747169@typhoon-news1.southeast.rr.com>
Source record: 8938
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.space

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=389881558

1805. ISS Radio Frequencies

Newsgroup: rec.radio.amateur.space
Date: 2000-07-23 00:00:00 UTC
From: Jason Charles <blazer34i@_nospam_yahoo.com>
Message-ID: <c2Ge5.29396$DH3.765641@news-east.usenetserver.com>
Source record: 8939
Cross-posted to: alt.ham-radio,alt.ham-radio.packet,alt.ham-radio.vhf-uhf,rec.radio.amateur,rec.radio.amateur.space

Does anybody know if the International Space Station is going to offer the same things that MIR Offered? SSTV? Digipeater? APRS?

Thanks,
73's
Jason
KF4MOU

1806. Re: ISS Radio Frequencies

Newsgroup: rec.radio.amateur.space
Date: 2000-07-23 00:00:00 UTC
From: TomR@astro.net
Message-ID: <397b5472.102709182@news.idsi.net>
Source record: 8940
Cross-posted to: alt.ham-radio,alt.ham-radio.packet,alt.ham-radio.vhf-uhf,rec.radio.amateur,rec.radio.amateur.space

On Sun, 23 Jul 2000 12:37:33 -0500, "Jason Charles"
<blazer34i@_nospam_yahoo.com> wrote:

>Does anybody know if the International Space Station is going to offer the
>same things that MIR Offered? SSTV? Digipeater? APRS?
>
>Thanks,
>73's
>Jason
>KF4MOU

Yes to all from what I understand. Plus HF eventually as well.
The 2m station SHOULD be on the air by spring 2001, that is if there
isn't more delays or problems.

73,
Tom - KB2SMS

1807. Re: ISS Radio Frequencies

Newsgroup: rec.radio.amateur.space
Date: 2000-07-23 00:00:00 UTC
From: "Jim Shaffer, Jr." <jshaffer@mail.csrlink.net>
Message-ID: <m9lmns85g8gphl2tfbr36bjgdehasrjmth@4ax.com>
Source record: 8941
Cross-posted to: alt.ham-radio,alt.ham-radio.packet,alt.ham-radio.vhf-uhf,rec.radio.amateur,rec.radio.amateur.space

On Sun, 23 Jul 2000 12:37:33 -0500, "Jason Charles"
<blazer34i@_nospam_yahoo.com> wrote:

>Does anybody know if the International Space Station is going to offer the
>same things that MIR Offered? SSTV? Digipeater? APRS?

I've read that eventually they'll have SSTV on almost continuously.

--
"I am not an Anarchist in *your* sense of the word :
your brain is too dense for any known explosive to affect it."

--Aleister Crowley

1808. Re: turnstile antenna plans

Newsgroup: rec.radio.amateur.space
Date: 2000-07-25 00:00:00 UTC
From: bruce.perrine@mallard.net
Message-ID: <964483277@mallard.net>
Source record: 8942

```
-> Path:
-> paloalto-snr1.gtei.net!washdc3-snh1.gtei.net!cpk-news-hub1.bbnplanet.
-> com!news.gtei.net!news.maxwell.syr.edu!news.mel.connect.com.au!newshu
-> b1.rdc1.nsw.optushome.com.au!news1.eburwd1.vic.optushome.com.a
-> .POSTED!not-for-mail
-> From: hamish@cloud.net.au (Hamish Moffatt VK3SB)
-> Subject: Re: turnstile antenna plans
-> Newsgroups: rec.radio.amateur.space
-> References: <9v9c5.3678$I43.12963@news1.eburwd1.vic.optushome.com.au>
-> <8kvd5j$vou$1@nnrp1.deja.com>
-> User-Agent: tin/1.4.1-19991201 ("Polish") (UNIX) (Linux/2.2.14
-> (i586))
-> Lines: 26
-> Message-ID:
-> <iKce5.5540$I43.17969@news1.eburwd1.vic.optushome.com.au>
-> Date: Sat, 22 Jul 2000 08:15:10 GMT
-> NNTP-Posting-Host: 203.164.64.6
-> X-Complaints-To: abuse@optushome.com.au
-> X-Trace: news1.eburwd1.vic.optushome.com.au 964253710 203.164.64.6
-> (Sat, 22 Jul 2000 18:15:10 EST)
-> NNTP-Posting-Date: Sat, 22 Jul 2000 18:15:10 EST
-> Organization: @Home Network
-> Xref: washdc3-snh1.gtei.net rec.radio.amateur.space:13690

-> marsgal42@hotmail.com wrote:
-> > There may not be one - but this stuff is well covered in just
-> > about every VHF/UHF/satellite ham radio book printed in the
-> > last 30 years. Just how detailed do you need?

-> Well, some detail would be nice. The ARRL antenna book and
-> handbook have very poor coverage of the topic really.

-> > Briefly, you need two dipoles. They will be at 90 degrees to
-> > each other, and must be fed 90 degrees out of phase. How you
-> > do this is up to you. The antenna I use at home uses quarter-
-> > wave phasing lines and works fine.

-> > Depending on the exact pattern you want, the ground plane will
-> > be something from 1/4 lambda to 3/8 lambda below the dipoles.
-> > It must be at least one half wavelength across.

-> I constructed two dipoles with both have low SWR individually.
-> When connected together with a quarter wavelength of RG-6
-> the SWR is 2.5-3:1 though. I wasn't aware of the ground plane
-> requirement though, so that's probably the problem.
```

-> Hamish
-> --
-> Hamish Moffatt VK3SB <hamish@debian.org> <hamish@cloud.net.au>
Try this site. Lots of nice homebrew antenna projects..Inexpensively
http://members.aol.com/k5oe/

Hope this helps
Bruce WA7LZE

1809. UO-14...yeah, I got in! :)

Newsgroup: rec.radio.amateur.space
Date: 2000-07-25 00:00:00 UTC
From: Gerry and/or Robin Lempicki <lempicki@psych.umass.edu>
Message-ID: <397e4700@oit.umass.edu>
Source record: 8943

Success tonight! I have been listening for a few weeks trying to get a feel for how satellite communication works. (I did work an RS- a number of years ago, but it was not anywhere near as busy as this). I've been listening on an HT with a rubber duck, then I ordered an Arrow...got that yesterday (and boy, that anodized aluminum with the splatter pattern looks cool!) and listened to last nights pass. I heard the whole pass finally, but still didn't get a sense of order...it seemed a bit chaotic, and I thought it might be a case where he (or she!) with the most power wins, so I didn't bother trying last night. Tonight the pass was clear again, and it sounded a little smoother. I was out in the dark front yard alone, HT in one hand, antenna in the other, mosquitoes landing everywhere else! I decided to throw out my call, and low and behold, I GOT IN! Rich in Maryland and Steve in Canada (Toronto?) came back to get me! My adrenaline surged, and shortly after the pass I forgot everyone's complete call sign and grid sqare. I couldn't write anything down while out there alone, I wasn't even planning on making a contact...I should have grabbed a tape recorder. Rich and Steve, are you guys on here? Fill me in! If not, I'll catch them on a pass in the near future. Sure was exciting; I'll be back! (I heard someone say there was a pileup for me (probably new meat!), then I lost the satellite. :)
-Gerry KA1STZ FN32 Ashfied, MA

1810. Re: Phase 3 D : Is it an antique yet?

Newsgroup: rec.radio.amateur.space
Date: 2000-07-26 00:00:00 UTC
From: WB3KUM/9 <d.breeden@NOSPAMwcom.com>
Message-ID: <397EFE09.B3586570@NOSPAMwcom.com>
Source record: 8849
Cross-posted to: rec.radio.amateur.space,rec.radio.amateur.misc

My question is why are they hell bent on using ESA, what about Russia or NASA.

1811. Re: Phase 3 D : Is it an antique yet?

Newsgroup: rec.radio.amateur.space
Date: 2000-07-26 00:00:00 UTC
From: marsgal42@hotmail.com
Message-ID: <8ln1qfoej1@nnrp1.deja.com>
Source record: 8850
Cross-posted to: rec.radio.amateur.space,rec.radio.amateur.misc

In article <397EFE09.B3586570@NOSPAMwcom.com>,
WB3KUM/9 <d.breeden@NOSPAMwcom.com> wrote:

> My question is why are they hell bent on using ESA, what
> about Russia or NASA.

Because there is no significant probability of a free launch from either in the forseeable future for a satellite as big as Phase 3D. There are almost certainly things going on behind the scenes, but, despite the (very real) difficulties, ESA still looks like our best bet. If you have contacts at NASA or Glavkosmos, by all means, see what you can arrange!

Re-qualifying a satellite for a new launch vehicle is non-trivial. Phase 3D is ready to go on Ariane 5; if a Proton or Titan 4 launch were to become available, it would be back to square one on many things.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..." - Hospital/Shafte

Sent via Deja.com http://www.deja.com/
Before you buy.

1812. Re: turnstile antenna plans

Newsgroup: rec.radio.amateur.space
Date: 2000-07-26 00:00:00 UTC
From: marsgal42@hotmail.com
Message-ID: <8ln36b$pj7$1@nnrp1.deja.com>
Source record: 8851

In article <heCf5.6961$I43.21516@news1.eburwd1.vic.optushome.com.au>,
hamish@cloud.net.au (Hamish Moffatt VK3SB) wrote:

> (snip)
> So I used 75 ohm RG-6 (which seems to fit LB's instructions) and
> the SWR is bad. However, I didn't test it 1/2 lambda above a ground
plane,
> and the SWR did seem highly dependent on the height, so that's
probably
> my problem.

There are actually two issues here. First, you want to feed to
antennas in parallel for a net feedpoint impedance of 50 ohms.
This means that, somehow, each feedline must present an impedance
of 100 ohms.

My setup at home uses crossed dipoles (no ground plane) -
figure on a nominal dipole impedance of 50 ohms. Use 1/4
lambda sections of RG-59 (75 ohms) to transform this to
100 ohms. One feedline must be 1/4 lambda longer for circular
polarization, so use RG-62 (92 ohms) for the purpose. Tie
both feeds together for a net feedpoint impedance of 50 ohms.
I used nominal values for velocity factor out of the ARRL
Handbook.

The feed setup is directly out of the satellite antennas
section of Davidoff. He presents several near-recipes for
antennas, and this is indeed one of them. Have a look.

There is nothing sacred about any of this, and since it's
receive-only (137 MHz weather satellites), I haven't a clue
what the SWR is. But I get strong signals and decent pictures,
so I don't care.

> Looking at some plots of antenna gain, for 3/4 lambda spacing there
> are -30dB nulls at 45 degrees which look a bit nasty. 1/2 lambda
> drops off above about 60 degrees (still +ve gain). 3/8 spacing
> is quite interesting; gain is positive above about 20 degrees, right
> up the the zenith.

There's your answer! 3/8 lambda is common, because it gives a
favourable pattern. Depending on your exact needs, you may want
to sacrifice some high-elevation gain (which you don't need
anyway, due to the smaller range to the satellite) in favour of
low-elevation gain, where you really do need it.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre" - Hospital/Shafte

Sent via Deja.com http://www.deja.com/
Before you buy.

1813. Re: turnstile antenna plans

Newsgroup: rec.radio.amateur.space
Date: 2000-07-26 00:00:00 UTC
From: Ralph Mowery <rmowery@dialpoint.net>
Message-ID: <397F7277.638C2062@dialpoint.net>
Source record: 8852

The Handbook does use 70 ohm line, but that is for single pair of
crossed elements. If you use them over a reflector, then use the 90 ohm
stuff. Also if being used for the sats you need to pay attention to
either right or left hand polorization.

The RG prefix on the coax now does not mean too much except maybe for
the outer shield/jacket size. To get the true Velocity factor use
either the specs for the maker of the brand oc coax you are using or
measuer them.

Hamish Moffatt VK3SB wrote:
>
> Ka3hsw <ka3hsw@aol.comnojunk> wrote:
> > There's your problem: the phasing line should be RG-62, not RG-6. RG-62 is
> > 100 ohm (93, actually), RG-6 is 75 ohms. And did you take the velocity factor
> > of the coax into account when cutting your 1/4 wave line?
>
> Well, the antenna book says to use 75 ohm coax, and yes I did use
> a velocity factor (of 0.75). It doesn't really give any hints on
> tuning the thing up, but I figured that tuning the dipoles individually
> for low SWR was the best place to start. (Otherwise there's too
> many variables: dipole 1 length, dipole 2 length, and phasing line
> length).
>
> There's another pet peeve of mine -- the ARRL handbook lists RG-6
> as VF = 0.75, but July's QST says RG-6 (with a particular Belden catalog
> number) has VF = 0.66. I don't see how RG-6 can differ in velocity
> factor -- any change would seem to make it something other than RG-6 !
>

1814. Re: Recievers for NOAA satelites

Newsgroup: rec.radio.amateur.space
Date: 2000-07-26 00:00:00 UTC
From: Bernie Poskus <hamdan@ix.netcom.com>
Message-ID: <397FB83E.46395FB2@ix.netcom.com>
Source record: 8853

I thought the recommended bandwidth was 40 khz. Anyway, Hamtronics carries a real nice little weather satellite receiver (I got one used for about $125) that works just great. I used it with omnidirectional eggbeater antennas and got good results, even on passes that were as low as 20-30 degrees elevation, at maximum. I think this is because the NOAA polar orbiters put out about 5 watts, which is a lot of power for an LEO.

Good luck and 73 de Bernie, KF0QS

David Findlay wrote:

> After all the posts about receiving NOAA images I'm a bit confused. What are
> the exact characteristics that make for a good receiver for this sort of
> work?
>
> David Findlay

1815. WXsat reception with an old Yaesu !

Newsgroup: rec.radio.amateur.space
Date: 2000-07-26 00:00:00 UTC
From: frg9600 <frg9600@home.com>
Message-ID: <JBsf5.60399$i5.922358@news1.frmt1.sfba.home.com>
Source record: 8944

http://members.xoom.com/frg9600/apt.html

1816. Phase 3D

Newsgroup: rec.radio.amateur.space
Date: 2000-07-26 00:00:00 UTC
From: K1SWR <fleet@mbl.edu>
Message-ID: <397EC3D2.9158EE79@mbl.edu>
Source record: 8945

Possibility of another delay?!?! Maybe 2001 a space odyssey!

1817. Re: Phase 3 D : Is it an antique yet?

Newsgroup: rec.radio.amateur.space
Date: 2000-07-26 00:00:00 UTC
From: hamish@cloud.net.au
Message-ID: <grBf5.6933$I43.21382@news1.eburwd1.vic.optushome.com.au>
Source record: 8946
Cross-posted to: rec.radio.amateur.space,rec.radio.amateur.misc

In rec.radio.amateur.space Vince Fiscus, KB7ADL <vlfiscus@mcn.net> wrote:
> If Arianespace had been more forthcoming with AMSAT, P3D would be in space
> already, But they chose to withhold valuable information until the last
> moment which forced us to miss our ride.

But really it's amazingly generous of them to launch P3D at all.
It costs them real money and corporate generosity of that magnitude
is not so easy to find!

73,
Hamish
--
Hamish Moffatt VK3SB <hamish@debian.org> <hamish@cloud.net.au>

1818. Re: turnstile antenna plans

Newsgroup: rec.radio.amateur.space
Date: 2000-07-26 00:00:00 UTC
From: hamish@cloud.net.au
Message-ID: <nwBf5.6939$l43.21382@news1.eburwd1.vic.optushome.com.au>
Source record: 8947

Ka3hsw <ka3hsw@aol.comnojunk> wrote:
> There's your problem: the phasing line should be RG-62, not RG-6. RG-62 is
> 100 ohm (93, actually), RG-6 is 75 ohms. And did you take the velocity factor
> of the coax into account when cutting your 1/4 wave line?

Well, the antenna book says to use 75 ohm coax, and yes I did use
a velocity factor (of 0.75). It doesn't really give any hints on
tuning the thing up, but I figured that tuning the dipoles individually
for low SWR was the best place to start. (Otherwise there's too
many variables: dipole 1 length, dipole 2 length, and phasing line
length).

There's another pet peeve of mine -- the ARRL handbook lists RG-6
as VF = 0.75, but July's QST says RG-6 (with a particular Belden catalog
number) has VF = 0.66. I don't see how RG-6 can differ in velocity
factor -- any change would seem to make it something other than RG-6 !

I have some RG-62, so I'll try that as well.

Thanks all,
Hamish
--
Hamish Moffatt VK3SB <hamish@debian.org> <hamish@cloud.net.au>

1819. Re: turnstile antenna plans

Newsgroup: rec.radio.amateur.space
Date: 2000-07-26 00:00:00 UTC
From: hamish@cloud.net.au
Message-ID: <heCf5.6961$I43.21516@news1.eburwd1.vic.optushome.com.au>
Source record: 8948

Ka3hsw <ka3hsw@aol.comnojunk> wrote:
> There's your problem: the phasing line should be RG-62, not RG-6. RG-62 is
> 100 ohm (93, actually), RG-6 is 75 ohms. And did you take the velocity factor
> of the coax into account when cutting your 1/4 wave line?

OK, taking all the answers I've received here into consideration,
I'm even more confused :-)

I have two dipoles with low SWR. When resonant, they should have
feedpoint impedance of about 75 ohms (at half a wavelength above
ground). LB Cebik's excellent web site says to use 75 ohm (actually 72
ohm) coax for the phasing line, and 50 ohms for the feedline.

Does your RG-62/100 ohm answer apply for 3/4 wavelengths above ground,
rather than 1/2 wavelength?

So I used 75 ohm RG-6 (which seems to fit LB's instructions) and
the SWR is bad. However, I didn't test it 1/2 lambda above a ground plane,
and the SWR did seem highly dependent on the height, so that's probably
my problem.

Looking at some plots of antenna gain, for 3/4 lambda spacing there
are -30dB nulls at 45 degrees which look a bit nasty. 1/2 lambda
drops off above about 60 degrees (still +ve gain). 3/8 spacing
is quite interesting; gain is positive above about 20 degrees, right
up the the zenith.

Hamish
--
Hamish Moffatt VK3SB <hamish@debian.org> <hamish@cloud.net.au>

1820. Re: UO-14...yeah, I got in! :)

Newsgroup: rec.radio.amateur.space
Date: 2000-07-27 00:00:00 UTC
From: Mike Lamanna <mustang9@bellatlantic.net>
Message-ID: <398010C4.D6E3C3AD@bellatlantic.net>
Source record: 8854

Thanks to the UO-14 gang there is a sat that we can count on.....on 24/7
keep up the good work

Mike WA3O

Gerry and/or Robin Lempicki wrote:

> Success tonight! I have been listening for a few weeks trying to get a
> feel for how satellite communication works. (I did work an RS- a number of
> years ago, but it was not anywhere near as busy as this). I've been
> listening on an HT with a rubber duck, then I ordered an Arrow...got that
> yesterday (and boy, that anodized aluminum with the splatter pattern looks
> cool!) and listened to last nights pass. I heard the whole pass finally,
> but still didn't get a sense of order...it seemed a bit chaotic, and I
> thought it might be a case where he (or she!) with the most power wins, so
> I didn't bother trying last night. Tonight the pass was clear again, and it
> sounded a little smoother. I was out in the dark front yard alone, HT in
> one hand, antenna in the other, mosquitoes landing everywhere else! I
> decided to throw out my call, and low and behold, I GOT IN! Rich in
> Maryland and Steve in Canada (Toronto?) came back to get me! My adrenaline
> surged, and shortly after the pass I forgot everyone's complete call sign
> and grid sqare. I couldn't write anything down while out there alone, I
> wasn't even planning on making a contact...I should have grabbed a tape
> recorder. Rich and Steve, are you guys on here? Fill me in! If not, I'll
> catch them on a pass in the near future. Sure was exciting; I'll be back!
> (I heard someone say there was a pileup for me (probably new meat!), then I
> lost the satellite. :)
> -Gerry KA1STZ FN32 Ashfied, MA

1821. Re: UO-14...yeah, I got in! :)

Newsgroup: rec.radio.amateur.space
Date: 2000-07-27 00:00:00 UTC
From: Peter Hodgson <va3pkh@rac.ca>
Message-ID: <39801E73.5A183280@rac.ca>
Source record: 8855

Hi Gerry

Rich in Baltimore is Rich Ashburn WA3SKQ
Steve in Toronto was most likely VA3SF, do they sound familiar ?
Sorry I missed you SO35 won the toss for the early pass 00:42 UTC
and I hit the sack before the 2:23 UTC pass,
I also use an Arrow (great antenna), and an ADI handheld
Hope to hear you tonight.

73

Peter
VA3PKH

Gerry and/or Robin Lempicki wrote:
>
> Success tonight! I have been listening for a few weeks trying to get a
> feel for how satellite communication works. (I did work an RS- a number of
> years ago, but it was not anywhere near as busy as this). I've been
> listening on an HT with a rubber duck, then I ordered an Arrow...got that
> yesterday (and boy, that anodized aluminum with the splatter pattern looks
> cool!) and listened to last nights pass. I heard the whole pass finally,
> but still didn't get a sense of order...it seemed a bit chaotic, and I
> thought it might be a case where he (or she!) with the most power wins, so
> I didn't bother trying last night. Tonight the pass was clear again, and it
> sounded a little smoother. I was out in the dark front yard alone, HT in
> one hand, antenna in the other, mosquitoes landing everywhere else! I
> decided to throw out my call, and low and behold, I GOT IN! Rich in
> Maryland and Steve in Canada (Toronto?) came back to get me! My adrenaline
> surged, and shortly after the pass I forgot everyone's complete call sign
> and grid sqare. I couldn't write anything down while out there alone, I
> wasn't even planning on making a contact...I should have grabbed a tape
> recorder. Rich and Steve, are you guys on here? Fill me in! If not, I'll
> catch them on a pass in the near future. Sure was exciting; I'll be back!
> (I heard someone say there was a pileup for me (probably new meat!), then I
> lost the satellite. :)
> -Gerry KA1STZ FN32 Ashfied, MA

1822. SPACE WEB - http://www.infinito.it/utenti/space.web - link, news, download, gams and more!!!

Newsgroup: rec.radio.amateur.space
Date: 2000-07-28 00:00:00 UTC
From: Space Web <space.web@infinito.it>
Message-ID: <8lrk6u$49s$1@serv1.albacom.net>
Source record: 8856
Cross-posted to: it.scienza.astronomia,it.scienza.astronomia.seti,rec.radio.amateur.space

```
http://infinito.it/utenti/space.web
space.web@infinito.it
Sito non commerciale ricco di programmi freeware
space games on line e atro ancora!!!
```

1823. SPACE WEB - http://www.infinito.it/utenti/space.web - link, news, download, gams and more!!!

Newsgroup: rec.radio.amateur.space
Date: 2000-07-28 00:00:00 UTC
From: Space Web <space.web@infinito.it>
Message-ID: <8lrl05$4ue$1@serv1.albacom.net>
Source record: 8857
Cross-posted to: it.scienza.astronomia,it.scienza.astronomia.seti,rec.radio.amateur.space

http://www.infinito.it/utenti/space.web
space.web@infinito.it
Sito non commerciale ricco di programmi freeware
space games on line e atro ancora!!!

1824. New Ham, Old questions

Newsgroup: rec.radio.amateur.space
Date: 2000-07-28 00:00:00 UTC
From: SMB <scott.m.bowen1@jsc.nasa.gov>
Message-ID: <8ls7kh$hae@niven.ksc.nasa.gov>
Source record: 8858

Hello all!

I just got my call and I am very interested in working satellites.
3 day ago I received the license from the FCC...KD5KZN

I don't even have a radio yet, as I am trying to find a decent one to start
with.
since I all ready have an ICOM IC-r10 receiver, can I get a Yeasu FT-1500 to
work satellites with?

Any one have any suggestions? I am wide open.

Thanks,

Scott
KD5KZN

1825. Re: turnstile antenna plans

Newsgroup: rec.radio.amateur.space
Date: 2000-07-28 00:00:00 UTC
From: Gary Coffman <ke4zv@bellsouth.net>
Message-ID: <4t24osgfcih1jup4hjh4nods04ufp98abk@4ax.com>
Source record: 8859

On Wed, 26 Jul 2000 16:21:38 GMT, marsgal42@hotmail.com wrote:
>My setup at home uses crossed dipoles (no ground plane) -
>figure on a nominal dipole impedance of 50 ohms. Use 1/4
>lambda sections of RG-59 (75 ohms) to transform this to
>100 ohms. One feedline must be 1/4 lambda longer for circular
>polarization, so use RG-62 (92 ohms) for the purpose. Tie
>both feeds together for a net feedpoint impedance of 50 ohms.
>I used nominal values for velocity factor out of the ARRL
>Handbook.

An alternate way to do this is to fix the two 75 ohm sections
to the Tee, connect one directly to one dipole, and the other
to a 1/4-wave length of RG58 which then connects to the
other dipole. This avoids having to hunt up RG-62, which
isn't something most hams have lying around.

Gary
Gary Coffman KE4ZV | You make it |mail to ke4zv@bellsouth.net
534 Shannon Way | We break it |
Lawrenceville, GA | Guaranteed |

1826. Re: turnstile antenna plans

Newsgroup: rec.radio.amateur.space
Date: 2000-07-29 00:00:00 UTC
From: hamish@cloud.net.au
Message-ID: <Pdqg5.7428$I43.23327@news1.eburwd1.vic.optushome.com.au>
Source record: 8860

Gary Coffman <ke4zv@bellsouth.net> wrote:
> On Wed, 26 Jul 2000 16:21:38 GMT, marsgal42@hotmail.com wrote:
>>My setup at home uses crossed dipoles (no ground plane) -

Does this mean you have it close to the real ground? With any
more than about a wavelength of height above ground (real ground
or ground plane) the pattern seems to be pretty ugly.

>>figure on a nominal dipole impedance of 50 ohms. Use 1/4
>>lambda sections of RG-59 (75 ohms) to transform this to
>>100 ohms. One feedline must be 1/4 lambda longer for circular
>>polarization, so use RG-62 (92 ohms) for the purpose. Tie
>>both feeds together for a net feedpoint impedance of 50 ohms.
>>I used nominal values for velocity factor out of the ARRL
>>Handbook.

So you split the feed into two identical lengths of coax,
one of 75 ohms and one of 92 ohms, and rely on the Z difference
(or more likely VF difference?) to add the 1/4 wavelength?

Sorry to keep asking dumb questions but I just can't visualise it.
The description in the ARRL antenna book is IMHO not very good.

> An alternate way to do this is to fix the two 75 ohm sections
> to the Tee, connect one directly to one dipole, and the other
> to a 1/4-wave length of RG58 which then connects to the
> other dipole. This avoids having to hunt up RG-62, which
> isn't something most hams have lying around.

That much I can understand. Fortunately I already have some
RG-62 (it was surprisingly easy to find here in Melbourne).

thanks,
Hamish
--
Hamish Moffatt VK3SB <hamish@debian.org> <hamish@cloud.net.au>

1827. Re: *** DESPERATE *** - PLEASE HELP ME!!!

Newsgroup: rec.radio.amateur.space
Date: 2000-07-29 00:00:00 UTC
From: Rickhit@worldnet.att.net
Message-ID: <39847ffa.195596197@netnews.worldnet.att.net>
Source record: 8861

On 28 Jul 2000 22:49:30 GMT, InGreatNeed@kwrgjjcwk.com wrote:

>I need money, plain and simple... I'll be very direct about this.
>-
>I'm in the worst financial crisis of my life... I lost my job, my house
>and perhaps my family if I don't do something.
>-
>Please Please --- H E L P M E !!!!!
>-
>-
>Send whatever you can to:
>-
>Claude
>P.O. Box 188
>New York, NY 10163
>

Here is a Tip, Ask a Democrat or get a job!

Rick KC2ESD

1828. Amateur Sat News via Palm

Newsgroup: rec.radio.amateur.space
Date: 2000-07-29 00:00:00 UTC
From: Jeff@jehosophat.com
Message-ID: <slrn8o5kj8.8e4.Jeff@photuris.jehosophat.com>
Source record: 8862

Palm users may be interested to know that I am making daily amateur satellite news from my Web site available via an AvantGo channel.

It is in the "beta" stage at this point, but it is usable and I'd appreciate feedback from users of various devices.

Thanks and 73.

http://n9avg.org/

--
jeff davis, n9avg

1829. make big $

Newsgroup: rec.radio.amateur.space
Date: 2000-07-29 00:00:00 UTC
From: cjmcmillan1@juno.COM
Message-ID: <20000729.133550.-87595933.23.cjmcmillan1@juno.com>
Source record: 8863

Cash4Surfing

I found this on a bulletin board and decided to try it. A little while back,I was browsing through newsgroups, just like you are now, and came across an
article similar to this that said you could make thousands of dollars within
weeks with only an initial investment of $6.00! So I thought, "Yeah right,
this must be a scam", but like most of us, I was curious, so I kept reading.
Anyway, it said that you send $1.00 to each of the 6 names and address stated in the article. You then place your own name and address in the bottom of the list at #6, and post the article in at least 200 newsgroups.
(There are thousands) No catch, that was it. So after thinking it over, and talking to a few people first, I thought about trying it. I figured,

"What
have I got to lose except 6 stamps and $6.00, right? "Then I invested the
measly $6.00. Well GUESS WHAT!?...Within 7 days, I started getting money

in the mail! I was shocked! I figured it would end soon, but the money just
kept coming in. In my first week, I made about $25.00. By the end of the

second week, I had made a total of over $1000.00! In the third week, I had
over $10,000.00 and it's still growing. This is now my fourth week, I have
made a total of just over $42,000.00, and it's still coming in rapidly.
Let me tell you how this works and most importantly, WHY it works.
Also, make sure you print a copy of this article NOW, so you can get the

information off of it as you need it. I promise you that if you follow the
directions exactly, that you will start making more money than you thought
possible by doing something so easy! Suggestion: Read this entire message

carefully! (Print it out or download it.) Follow the simple directions and
watch the money come in! It's easy. It's legal. And, your investment is only $6.00 (plus postage)

IMPORTANT: This is not a rip-off, it is not indecent,
it is not illegal, and it is 99% no risk - it really works! If all of the
following instructions are adhered to, you will receive extraordinary dividends.

PLEASE NOTE: please follow these directions EXACTLY, and
$50,000.00 or more can be yours in 20 to 60 days. This program remains successful because of the honesty and integrity of the participants. Please continue its success by carefully adhering to the instructions. You
will
now become part of the Mail Order business. In this business, your product
is
not solid and tangible, it's a service. You are in the business of developing Mailing Lists. Many large corporations are happy to for quality
lists.
However, the money made from the Mailing lists is secondary to the income
which
is made from People like you and me asking to
be included in that list. Here are the 3 easy steps to success:

STEP 1: Get 6 separate pieces of paper and write your name and address plus the following on each piece of paper "PLEASE PUT ME ON YOUR MAILING

LIST."
Now get 6 US $1.00 bills and place ONE inside EACH of the 6 pieces of paper so the bill will not be seen through the envelope (to prevent (thievery).
Next, place one paper in each of the envelopes and seal them. You should

now have 6 sealed envelopes, each with a piece of paper stating the above
phrase, your name and address, and a $1.00 bill. What you are doing is creating a service. THIS IS ABSOLUTELY LEGAL! You are requesting a legitimate service and you are paying for it! Like most of us I was a little skeptical and a little worried about the legal aspects of it all.
So
I
checked it out with the U.S. Post Office 1-800-725-2161) and they confirmed that it is indeed legal.

Mail the 6 envelopes to the following address:

1. Julius Tausaga, 2006 A.Fern St. Honolulu, Hawaii 96826
2. Steve Dixon PO box 511 Fairview NC 28730
3. Dan Polzin 7409 Wallingford St. Louis Mo 63121
4. Richard East 356 Grove Ln, Murray, Kentucky 42071
5. Jack Dukeshire 2 Army St, Randolph, MA, 02368
6. Bradley McMillan, RR#4, Winchester, ON, Canada, 12541

STEP 2: Now take the #1 name off the list that you see above, move The other names up (6 becomes 5, 5 becomes 4, etc.) and Add YOUR Name as number 6 on the list.

STEP 3: Change anything you need to, but try to keep this article as close to original as possible. Now, post your amended article to at least 200 newsgroups. (I think there are close to 24,000 groups) All you need is 200, but remember, the more you post, the more money YOU make! You won't get very much unless you post like crazy. This is perfectly legal! If you have any doubts, refer to Title 18 Sec. 1302 & 1341 of the Postal lottery laws. Keep a copy of these steps for yourself and, whenever you need money, you can use it again, and again. PLEASE REMEMBER that this program remains successful because of the honesty and integrity of the participants and by their carefully adhering to the directions. Look at it this way. If you are of

integrity, the program will continue and the money that so many others have received will come your way. NOTE: You may want to retain every name and address sent to you, either on a computer or hard copy and keep the notes people send you. This VERIFIES that you are truly providing a service. (Also, it might be a good idea to wrap the $1 bill in dark paper to reduce the risk of mail theft.) So, as each post is downloaded and the directions carefully followed, six members will be reimbursed for their participation as a List Developer with one dollar each. Your name will move up the list geometrically so that when your name reaches the #1 position you will be

receiving thousands of dollars in CASH!!! What an opportunity for only $6.00 ($1.00 for each of the first six people listed above) Send it now,
add
your own name to the list and you're in business!

---DIRECTIONS----FOR HOW TO POST TO NEWSGROUPS---------
Step 1) You do not need to re-type this entire letter to do your own posting. Simply put your cursor at the beginning of this letter, drag your
cursor to the bottom of this document, and select 'copy' from the edit menu.
This will copy the entire letter into the computer's memory.
Step 2) Open a blank 'notepad' file and place your cursor at the top of the
blank page. From the 'edit' menu select 'paste'. This will paste a copy of
the letter into notepad so that you can add your name to the list.
Step 3) Save your new notepad file as a .txt file. If you want to do your
postings in different settings, you'll always have this file to go back to.
Step 4) Use Netscape or Internet explorer and try searching For various newsgroups (on-line forums, message boards, chat sites, discussions.)
Step 5) Visit these message boards and post this article as a new message
by
highlighting the text of this letter and selecting paste from the edit menu.
Fill in the Subject, which will be the header that everyone sees as they

Scroll through the list of postings, in a particular group. Click the post
message button. You're done with your first one!
Congratulations. THAT'S IT! All you have to do is Jump to different newsgroups and post away. After you get the hang of it, it will take about
30 seconds for each newsgroup! (There is a faster way. You may use Microsoft
Outlook or Outlook Express to select newsgroups rapidly. You just need one
time "Copy and Paste" to send to all of them simultaneously.)
**REMEMBER,
THE MORE NEWSGROUPS YOU POST IN, THE MORE MONEY YOU WILL MAKE! BUT: YOU HAVE
TO POST A MINIMUM OF 200** That's it! You will Begin receiving money from
around the world within days! You may eventually want to rent a P.O. Box

due
to the large amount of mail you will receive. If you wish to stay
anonymous,
you can invent a name to use, as long as the postman will deliver it.
**JUST
MAKE SURE ALL THE ADDRESSES ARE CORRECT. **Now, each of the 5 persons
who
just sent me $1.00 make the MINIMUM 200 postings, each with my name at
#5
and only 5 persons respond to each of the original 5, that is another
$25.00
for me, now those 25 each make 200 MINIMUM posts with my name at #4 and
only
5 replies each, I will bring in an additional $125.00! Now, those 125
persons turn around and post the MINIMUM 200 with my name at #3 and
only

receive 5 replies each, I will make an additional $625.00! OK, now here
is
the fun part, each of those 625 persons post a MINIMUM 200 letters with
my
name at #2 and they each only receive 5 replies, that just made me
$3,125.00!!!Those 3,125 persons will all deliver this message to 200
newsgroups with my name at #1 and if still 5 persons per 200 newsgroups
react I will receive $15,625.00! With an original investment of only
$6.00!
AMAZING! When your name is no longer on the list, you just take the
latest
postings in the newsgroups, and send out another $6.00 to names on the
list,
putting your name at number 6 again. And start posting again. The thing
to
remember is: do you realize that thousands of people all over the world
are
joining the Internet and reading these articles everyday? JUST LIKE YOU
are
now! So, can you afford $6.00 and see if it really works? I think so...
People have said, "What if the plan is played out and no one sends you
the
money? So what! What are the chances of that happening when there are
tons
of new honest users and new honest people who are joining the internet
and
newsgroups everyday and are willing to give it a try? Estimates are at
20,000 to 50,000 new users, everyday, with thousands of those joining
the
actual Internet. REMEMBER, play FAIRLY and HONESTLY and this will
really

work. The possibilities can be endless...You will never know, unless
you

give it a try... otherwise, it will always be "what if."
GOOD LUCK!

YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
http://dl.www.juno.com/get/tagj.

1830. Re: Amateur Sat News via Palm

Newsgroup: rec.radio.amateur.space
Date: 2000-07-30 00:00:00 UTC
From: TomR@astro.net
Message-ID: <398380aa.29919460@news.idsi.net>
Source record: 8864

On Sat, 29 Jul 2000 13:44:17 GMT, Jeff@jehosophat.com (Jeff Davis)
wrote:

>Palm users may be interested to know that I am making daily amateur
>satellite news from my Web site available via an AvantGo channel.
>
>It is in the "beta" stage at this point, but it is usable and I'd
>appreciate feedback from users of various devices.
>
>Thanks and 73.

Wow, great! I just got a Visor Deluxe, I'd LOVE to see that! Thanks,
I'll check it out!

73!

Tom - KB2SMS

Tom Randall -- tprandall@idsi.net (Remove the "P" to e-mail me)
Amateur Radio: KB2SMS (Grid FN31) - ARRL / 10-10 / QRP-L #1965
Look for me on PSK31 on 14.069.5 and 28.119.5

Member: AAVSO Solar Division

My Astronomy/Ham radio site:
http://www.idsi.net/~trandall/welcome.html

> http://n9avg.org/
>
>--
>jeff davis, n9avg
>

1831. Re: Amateur Sat News via Palm

Newsgroup: rec.radio.amateur.space
Date: 2000-07-30 00:00:00 UTC
From: TomR@astro.net
Message-ID: <39838346.30587619@news.idsi.net>
Source record: 8865

On Sat, 29 Jul 2000 13:44:17 GMT, Jeff@jehosophat.com (Jeff Davis)
wrote:

>Palm users may be interested to know that I am making daily amateur
>satellite news from my Web site available via an AvantGo channel.
>
>It is in the "beta" stage at this point, but it is usable and I'd
>appreciate feedback from users of various devices.
>
>Thanks and 73.
>
> http://n9avg.org/

Just hotsynched your site into my Visor, EXCELLENT! Seems to work
GREAT! I really look forward to reading it daily.

Nice job!!!

73,

Tom

Tom Randall -- tprandall@idsi.net (Remove the "P" to e-mail me)
Amateur Radio: KB2SMS (Grid FN31) - ARRL / 10-10 / QRP-L #1965
Look for me on PSK31 on 14.069.5 and 28.119.5

Member: AAVSO Solar Division

My Astronomy/Ham radio site:
http://www.idsi.net/~trandall/welcome.html

>jeff davis, n9avg
>

1832. turnstile antenna plans

Newsgroup: rec.radio.amateur.space
Date: 2000-07-30 00:00:00 UTC
From: Bypons@hotmail.COM
Message-ID: <3983C7B6.66D3CF37@hotmail.com>
Source record: 8866

Hello all,
One simple question: Is RG-62 coax the same they use in common car antenna?.

I am making a eggbeater antenna, but can't find RG-62 locally.

Tnx, Edgar. HI8PLE.

1833. Re: Amateur Sat News via Palm

Newsgroup: rec.radio.amateur.space
Date: 2000-07-30 00:00:00 UTC
From: Jeff@jehosophat.com
Message-ID: <slrn8o81l9.li0.Jeff@photuris.jehosophat.com>
Source record: 8867

On Sun, 30 Jul 2000 01:23:47 GMT, TomR@astro.net <TomR@astro.net> wrote
in message <39838346.30587619@news.idsi.net>:
> Just hotsynched your site into my Visor, EXCELLENT! Seems to work
>GREAT! I really look forward to reading it daily.
>
>Nice job!!!

Thanks Tom, I appreciate your feedback. Once a sufficient test period is
completed and I've worked the 'bugs' out, it will become an "official"
channel on AvantGo. When that happens you will have to re-subscribe but
I'll notify everyone of the change when it occurs.

Vy 73,
--
jeff davis, n9avg
http://n9avg.org/

1834. Re: Amateur Sat News via Palm

Newsgroup: rec.radio.amateur.space
Date: 2000-07-30 00:00:00 UTC
From: TomR@astro.net
Message-ID: <39842c11.73804735@news.idsi.net>
Source record: 8868

On Sun, 30 Jul 2000 11:40:01 GMT, Jeff@jehosophat.com (Jeff Davis)
wrote:

>On Sun, 30 Jul 2000 01:23:47 GMT, TomR@astro.net <TomR@astro.net> wrote
>in message <39838346.30587619@news.idsi.net>:
>> Just hotsynched your site into my Visor, EXCELLENT! Seems to work
>>GREAT! I really look forward to reading it daily.
>>
>>Nice job!!!
>
>Thanks Tom, I appreciate your feedback. Once a sufficient test period is
>completed and I've worked the 'bugs' out, it will become an "official"
>channel on AvantGo. When that happens you will have to re-subscribe but
>I'll notify everyone of the change when it occurs.
>
>Vy 73,
>--
>jeff davis, n9avg
>http://n9avg.org/

Great! Just e-mail me when the time comes and thanks for the palm
version!

73,
Tom - KB2SMS

1835. will UO-14 pass tone??

Newsgroup: rec.radio.amateur.space
Date: 2000-07-30 00:00:00 UTC
From: Mike Lamanna <mustang9@bellatlantic.net>
Message-ID: <3984424E.F6A82D5E@bellatlantic.net>
Source record: 8869

Does anyone know if UO-14 will pass either CTCSS or DCS??
Just wondering

Mike Wa3o

1836. Icom IC-821H ???

Newsgroup: rec.radio.amateur.space
Date: 2000-07-30 00:00:00 UTC
From: Bruce Cox <peacox@gloryroad.net>
Message-ID: <39849213.8F1E1FAD@gloryroad.net>
Source record: 8870

Why has Icom discontinued this radio? Could it be that a new model is on the horizon that will more nearly compete with the Yaesu FT-847? Any information on this that is factual would be appreciated. Pat, K4AVO

1837. Re: Icom IC-821H ???

Newsgroup: rec.radio.amateur.space
Date: 2000-07-30 00:00:00 UTC
From: Jeff@jehosophat.com
Message-ID: <slrn8o93n5.opb.Jeff@photuris.jehosophat.com>
Source record: 8871

On Sun, 30 Jul 2000 16:37:39 -0400, Bruce Cox <peacox@gloryroad.net> wrote
in message <39849213.8F1E1FAD@gloryroad.net>:
>Why has Icom discontinued this radio? Could it be that a new model is on
>the horizon that will more nearly compete with the Yaesu FT-847? Any
>information on this that is factual would be appreciated. Pat, K4AVO

Yes, there is a new model IC-910H that is close to being released:

http://www.tvs-online.net/page13.html

--
jeff davis, n9avg
http://n9avg.org/

1838. Re: turnstile antenna plans

Newsgroup: rec.radio.amateur.space
Date: 2000-07-31 00:00:00 UTC
From: marsgal42@hotmail.com
Message-ID: <8m46htnb1@nnrp1.deja.com>
Source record: 8872

In article <3983C7B6.66D3CF37@hotmail.com>,
Bypons@hotmail.COM (Edgar Pons) wrote:
> Hello all,
> One simple question: Is RG-62 coax the same they use in common car
antenna?.
>
> I am making a eggbeater antenna, but can't find RG-62 locally.

Yes. It should be.

When I bought RG-62 for my antennas I asked what the intended use
of this coax was, and they told me it was for car radios.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..." - Hospital/Shafte

Sent via Deja.com http://www.deja.com/
Before you buy.

1839. Re: turnstile antenna plans

Newsgroup: rec.radio.amateur.space
Date: 2000-07-31 00:00:00 UTC
From: marsgal42@hotmail.com
Message-ID: <8m4794$1ct$1@nnrp1.deja.com>
Source record: 8873

In article <Pdqg5.7428$I43.23327@news1.eburwd1.vic.optushome.com.au>,
hamish@cloud.net.au (Hamish Moffatt VK3SB) wrote:

> (snip...)
> So you split the feed into two identical lengths of coax,
> one of 75 ohms and one of 92 ohms, and rely on the Z difference
> (or more likely VF difference?) to add the 1/4 wavelength?
>
> Sorry to keep asking dumb questions but I just can't visualise it.
> The description in the ARRL antenna book is IMHO not very good.

Warning! Ugly ASCII artwork!

```
---+---  ---+---  <--- 2 dipoles, 50 ohms impedance
| |
| | <--- both feedlines RG-59 (75 ohms)
| | 1/4 lambda long
| |
+-----------+ <--- impedance is 100 ohms here
| ^
| |
| +---------------- RG-62 phasing line (92 ohms)
| 1/4 lambda long
|
| <------------------ 50 ohm feed to radio
|
|
```

> > An alternate way to do this is to fix the two 75 ohm sections
> > to the Tee, connect one directly to one dipole, and the other
> > to a 1/4-wave length of RG58 which then connects to the
> > other dipole. This avoids having to hunt up RG-62, which
> > isn't something most hams have lying around.
>
> That much I can understand. Fortunately I already have some
> RG-62 (it was surprisingly easy to find here in Melbourne).

When I bought RG-62 at the local surplus store I asked what
its real use was, and they told me "car radios".

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..." - Hospital/Shafte

Sent via Deja.com http://www.deja.com/
Before you buy.

1840. WXSat HELP !

Newsgroup: rec.radio.amateur.space
Date: 2000-07-31 00:00:00 UTC
From: Sam <alphacentauriNOalSPAM@i-plus.net.invalid>
Message-ID: <053d2ca0.86702236@usw-ex0102-016.remarq.com>
Source record: 8874

Iam NEW at getting wxsat images . Only receivers I have of being capable of picking up the satellites are the Yaesu FT-8100r and the Radio Shack PRO-64 . Can I use the serial cable that you use to program the PRO-64 with a pc with WXSat that I downloaded to get the wxsat images when the sat's pass ? Simply- can I use the pro-64 with my pc to get the images, if so how, if not how ??
Thanks, Sam alphacentauri@i-plus.net

Got questions? Get answers over the phone at Keen.com.
Up to 100 minutes free!
http://www.keen.com

1841. Re: UO-14...yeah, I got in! :)

Newsgroup: rec.radio.amateur.space
Date: 2000-08-01 00:00:00 UTC
From: Sam <alphacentauriNOalSPAM@i-plus.net.invalid>
Message-ID: <0123b32e.dc5ca60d@usw-ex0103-023.remarq.com>
Source record: 8799

I would really like to get on the sat's but the only 2 meter rig
I have is the Yaesu FT-8100R and it doesn't pick up 435.070.
only 435.000, 435.025, 435.050, 435.075 . Nothing in between .

Got questions? Get answers over the phone at Keen.com.
Up to 100 minutes free!
http://www.keen.com

1842. Software to U0-14

Newsgroup: rec.radio.amateur.space
Date: 2000-08-01 00:00:00 UTC
From: Steve Kallal <skallal@pacbell.net>
Message-ID: <R5Nh5.565$gN3.90404@news.pacbell.net>
Source record: 8800

I want to hear UO-14. www.heavens-above.com will give me the next pass.
But I want to know the passes for the next few days. Also the web site
gives about a 5 minute window for each pass. How accurate is the time slot?
And does it only last 5 minutes?

Steve Kallal KB9XU
skallal@pacbell.net

1843. Re: turnstile antenna plans

Newsgroup: rec.radio.amateur.space
Date: 2000-08-01 00:00:00 UTC
From: ka3hsw@aol.comnojunk
Message-ID: <20000731210040.18821.00003673@nso-df.aol.com>
Source record: 8875

In article <3983C7B6.66D3CF37@hotmail.com>, Bypons@hotmail.COM (Edgar Pons) writes:

>
>Hello all,
>One simple question: Is RG-62 coax the same they use in common car antenna?.
>
>I am making a eggbeater antenna, but can't find RG-62 locally.
>

It's also used to connect IBM 3270 computer terminals. Until recently I had several hundred feet of it that I pulled out of my office when we upgraded to an AS/400 system with twinax.

My turnstile had one dipole fed directly with RG-8X, and a 1/4 wave phasing/matching line of RG-62 to the other dipole. Radiators were mounted 3/8 wavelength above a 4x4 foot reflector of window screen over a wooden frame. SWR was 1.2:1 at 145.85, and I used it on RS-11 and RS-15 for several years. Finally retired it and bought an M2 eggbeater with radial kit, for a lower-profile installation. Performance is very comparable.

73 de KA3HSW

delete "nojunk" from e-mail address before replying.

1844. TEST APPEND - PLEASE IGNORE

Newsgroup: rec.radio.amateur.space
Date: 2000-08-01 00:00:00 UTC
From: Neil Robertson <neilr@largsayrshire.freeserve.co.uk>
Message-ID: <39866A07.39E8FBB5@largsayrshire.freeserve.co.uk>
Source record: 8876

This is a test append - please ignore

1845. Re: turnstile antenna plans

Newsgroup: rec.radio.amateur.space
Date: 2000-08-01 00:00:00 UTC
From: hamish@cloud.net.au
Message-ID: <ifwh5.8096$l43.25864@news1.eburwd1.vic.optushome.com.au>
Source record: 8877

marsgal42@hotmail.com wrote:
> Warning! Ugly ASCII artwork!

Got it, thanks.

> ---+--- ---+--- <--- 2 dipoles, 50 ohms impedance

Here's my thinking; tell me where I go wrong. At 3/8 lambda above ground, the impedance is about 100 ohms. Therefore, two in parallel are about 50 ohms. I will use 50 ohm feed, split into two 100 ohm feeds (RG-62 93 ohms; close enough), one of 1/4 wave longer than the other.

Is this correct? I don't think it quite matches your diagram, so perhaps not.

I bought the Davidoff today and will study it thoroughly!

Thanks,
Hamish
--
Hamish Moffatt VK3SB <hamish@debian.org> <hamish@cloud.net.au>

1846. Re: turnstile antenna plans

Newsgroup: rec.radio.amateur.space
Date: 2000-08-01 00:00:00 UTC
From: hamish@cloud.net.au
Message-ID: <gjwh5.8099$I43.25864@news1.eburwd1.vic.optushome.com.au>
Source record: 8878

Hamish Moffatt VK3SB <hamish@cloud.net.au> wrote:
> Here's my thinking; tell me where I go wrong. At 3/8 lambda above
> ground, the impedance is about 100 ohms. Therefore, two in parallel
> are about 50 ohms. I will use 50 ohm feed, split into two 100 ohm
> feeds (RG-62 93 ohms; close enough), one of 1/4 wave longer than
> the other.

Diagramatically:

```
---+--- ---+--- <--- 2 dipoles, 100 ohms impedance
| |
| | <--- both feedlines RG-62 (92 ohms)
| | any length
| |
+-----------+
| ^
| |
| +---------------- RG-62 phasing line (92 ohms)
| 1/4 lambda long
|
| <------------------- 50 ohm feed to radio
|
|
```

The two lines after the split are of any length but different
by 1/4 wavelength. In this case they are not being used as
quarter wave matching lines as they were in your diagram.

Thanks,
Hamish
--
Hamish Moffatt VK3SB <hamish@debian.org> <hamish@cloud.net.au>

1847. Re: turnstile antenna plans

Newsgroup: rec.radio.amateur.space
Date: 2000-08-01 00:00:00 UTC
From: hamish@cloud.net.au
Message-ID: <Ckwh5.8100$I43.25864@news1.eburwd1.vic.optushome.com.au>
Source record: 8879

Ka3hsw <ka3hsw@aol.comnojunk> wrote:
> My turnstile had one dipole fed directly with RG-8X, and a 1/4 wave
> phasing/matching line of RG-62 to the other dipole. Radiators were mounted 3/8
> wavelength above a 4x4 foot reflector of window screen over a wooden frame.

... which after some more independent thought seems to be exactly
what I've just posted about. I should've reread your message.

Thanks,
Hamish
--
Hamish Moffatt VK3SB <hamish@debian.org> <hamish@cloud.net.au>

1848. Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-01 00:00:00 UTC
From: Eavesdropper <ian@eavesdropper.worldonline.co.uk>
Message-ID: <3986956d@news.server.worldonline.co.uk>
Source record: 8880
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

Thats it...I've had enough !!!!

After tracking sats, talking with peopkle worldwide for many years etc etc etc, and being (like you) involved in many hobbys that are time zone dependant, I really need to know who the complete idiots are that insist on making up new bloody time zones for those that already exist !!,
IE. GMT-UTC-WET etc etc etc...

I mean WET... who come up with that stupid idea !.
I have now totally lost count of how many there are now because of people sodding about with what has been established for many many years. Not to mention it causes havoc when I read something and someone puts some (slang) in there for something else because i have to waste time looking it up.

It's almost as bad as those radio operators who insist on changine long established phonetics.

I mean , Gonad, Banana, Teakettle, catsbum really does not make low signal strength qso's easy now does it ?. especially when we are all used to the standard.

Please stop polluting times, phonetics, morse and just about every other well established system that WE ALL know and that makes life easier in the end !!

I'm going mad here....Arrrggghhhh !!

ian

1849. Re: turnstile antenna plans

Newsgroup: rec.radio.amateur.space
Date: 2000-08-01 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8oda41.rch.nomail@linux.pe1chl.ampr.org>
Source record: 8881

Hamish Moffatt VK3SB <hamish@cloud.net.au> wrote:
>Hamish Moffatt VK3SB <hamish@cloud.net.au> wrote:
>> Here's my thinking; tell me where I go wrong. At 3/8 lambda above
>> ground, the impedance is about 100 ohms. Therefore, two in parallel
>> are about 50 ohms. I will use 50 ohm feed, split into two 100 ohm
>> feeds (RG-62 93 ohms; close enough), one of 1/4 wave longer than
>> the other.

>Diagramatically:

```
> ---+--- ---+--- <--- 2 dipoles, 100 ohms impedance
> | |
> | | <--- both feedlines RG-62 (92 ohms)
> | | any length
> | |
> +-----------+
> | ^
> | |
> | +---------------- RG-62 phasing line (92 ohms)
> | 1/4 lambda long
> |
> | <------------------- 50 ohm feed to radio
> |
> |
```

>The two lines after the split are of any length but different
>by 1/4 wavelength. In this case they are not being used as
>quarter wave matching lines as they were in your diagram.

The problem with this is that your dipoles will not be 100 ohms, unless you
use folded dipoles with the correct ratio between the straight element and
the foldback ends.

An open dipole in free space is something like 73 ohms, and putting it
near a reflector will only reduce the impedance. That is why a design
that assumes 50 ohms for the dipole can work, if the dimensions are right.

Rob
--

+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

1850. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-01 00:00:00 UTC
From: Axle Jack <axlejack@dingoblue.net.au>
Message-ID: <3986a8de$0$11140$7f31c96c@news01.syd.optusnet.com.au>
Source record: 8882
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

> I'm going mad here....Arrrggghhhh !!

No your not, its the rest of the world.
Reminds me of a common catch phrase from my last job.
"are you doing all right son?"
"aye, I'm all right, its all these other b*****ds that's the problem"

WET? What the hells that, I still refuse to stop using GMT :-)

1851. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-01 00:00:00 UTC
From: Paul Keinanen <keinanen@sci.fi>
Message-ID: <tscdos82h01hh3idee9uc1l3lie28q7ulf@4ax.com>
Source record: 8883
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

On Tue, 1 Aug 2000 10:16:14 +0100, "Eavesdropper"
<ian@eavesdropper.worldonline.co.uk> wrote:

>dependant, I really need to know who the complete idiots are that insist on
>making up new bloody time zones for those that already exist !!,
>IE. GMT-UTC-WET etc etc etc...

>I mean WET... who come up with that stupid idea !.

On the Continent the standard practice has been to talk about Western
European, Central European and Eastern European time (in various
languages), so it is quite natural to talk about WET, CET and EET time
zones. Unfortunately the daylight saving time idiocy has complicated
the situation.

UTC, UTC+1, UTC+2 has been used mainly in radio communication, but not
in normal civil activities.

1852. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-01 00:00:00 UTC
From: Paul Keinanen <keinanen@sci.fi>
Message-ID: <76edosgj8hglcp3vcna7k3nlngkpfmdmld@4ax.com>
Source record: 8884
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

On Tue, 1 Aug 2000 20:35:22 +1000, "Axle Jack"
<axlejack@dingoblue.net.au> wrote:

>WET? What the hells that, I still refuse to stop using GMT :-)

To be pedantic, what is GMT (Greenwich _Mean_ Time) ? It is the time since the fictive mean Sun transit of the meridian in Greenwich. While in other time systems, the date changes at midnight, but in systems based on the mean Sun, the date changes at noon :-), or looking it the other way, there is a 12 hour difference between GMT and UTC. If you are so attached to the name of a London suburb, call it at least Greenwich Civil Time, which would be equivalent to UTC.

1853. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-01 00:00:00 UTC
From: Eavesdropper <ian@eavesdropper.worldonline.co.uk>
Message-ID: <3986e837@news.server.worldonline.co.uk>
Source record: 8885
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

>
> >WET? What the hells that, I still refuse to stop using GMT :-)
Apparently according to one astronomical site i saw it stands for "Western
European Time".
>
> To be pedantic, what is GMT (Greenwich _Mean_ Time) ? It is the time
> since the fictive mean Sun transit of the meridian in Greenwich. While
> in other time systems, the date changes at midnight, but in systems
> based on the mean Sun, the date changes at noon :-), or looking it the
> other way, there is a 12 hour difference between GMT and UTC. If you
> are so attached to the name of a London suburb, call it at least
> Greenwich Civil Time, which would be equivalent to UTC.
>
> I think the point is that things like GMT are WELL established so why
complicate things further by making up new crap just for the sake of it ?.
Personally I think we should ditch ALL of them and have zone1, zone2 zone3
and so on time zones according to which longitudal band you are in....much
simpler !!

ian

1854. Re: WXSat HELP !

Newsgroup: rec.radio.amateur.space
Date: 2000-08-01 00:00:00 UTC
From: None@dontevntry.oro
Message-ID: <8m6ror$t4h$1@news.uky.edu>
Source record: 8886

In article <053d2ca0.86702236@usw-ex0102-016.remarq.com>,
alphacentauriNOalSPAM@i-plus.net.invalid says...
>
>Iam NEW at getting wxsat images . Only receivers I have of being
>capable of picking up the satellites are the Yaesu FT-8100r and
>the Radio Shack PRO-64 . Can I use the serial cable that you use
>to program the PRO-64 with a pc with WXSat that I downloaded to
>get the wxsat images when the sat's pass ? Simply- can I use the
>pro-64 with my pc to get the images, if so how, if not how ??
>Thanks, Sam alphacentauri@i-plus.net
>
Please bear with me as I am more than a little confussed by your questions.
WXSat runs on your PC, it uses the AUDIO from your receiver, into the LINE IN
[Microphone in has too much gain]. Run a line from your speaker/earphone/tape
out on your receiver/scanner to the line in on the sound card.
You should not need a data line to the receiver [unless it is like the Icom
PCR1000 and shuts off unless kept active by the PC].
So to recap, antenna to receiver, audio output to PC soundcard line in.
[on PC 1/8" 3.5mm connectors the tip is LEFT the ring is right and the sleeve
is ground]
You may wish to buil an attenuator to go between the speaker output and line
in, some sound cards choke on the background noise even with the receiver
Voume control at minimum. Most sound crds will work fine with just a patch
cable. An attenuator is real simple, for speaker to line matching I use
10 ohms 1 watt accross the output from the reciever, then I connect the
grounds, and use a 10K 1/8W series resistor with a 1K in parallel with the
sound card input. Most [all of mine] radio application use the LEft/tip so I
use mono 1/8" jacks.
I hope this all makes sense and good luck watching the images!

1855. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-01 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8oe2rq.rch.nomail@linux.pe1chl.ampr.org>
Source record: 8887
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

Eavesdropper <ian@eavesdropper.worldonline.co.uk> wrote:

>> I think the point is that things like GMT are WELL established so why
>complicate things further by making up new crap just for the sake of it ?.
>Personally I think we should ditch ALL of them and have zone1, zone2 zone3
>and so on time zones according to which longitudal band you are in....much
>simpler !!

I think we should drop all zones, put everyone on GMT, and just live with
the fact that in one country the sun rises at other times than in another.

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

1856. Re: UO-14...yeah, I got in! :)

Newsgroup: rec.radio.amateur.space
Date: 2000-08-01 00:00:00 UTC
From: wowens@dpnet.net
Message-ID: <39881347.340727514@news.dpnet.net>
Source record: 8888

On Tue, 25 Jul 2000 22:03:43 -0400, "Gerry and/or Robin Lempicki"
<lempicki@psych.umass.edu> wrote:

> Success tonight! I have been listening for a few weeks trying to get a
>feel for how satellite communication works. (I did work an RS- a number of
>years ago, but it was not anywhere near as busy as this). I've been
>listening on an HT with a rubber duck, then I ordered an Arrow...got that
>yesterday (and boy, that anodized aluminum with the splatter pattern looks
>cool!) and listened to last nights pass. I heard the whole pass finally,
>but still didn't get a sense of order...it seemed a bit chaotic, and I
>thought it might be a case where he (or she!) with the most power wins, so
>I didn't bother trying last night. Tonight the pass was clear again, and it
>sounded a little smoother. I was out in the dark front yard alone, HT in
>one hand, antenna in the other, mosquitoes landing everywhere else! I
>decided to throw out my call, and low and behold, I GOT IN! Rich in
>Maryland and Steve in Canada (Toronto?) came back to get me! My adrenaline
>surged, and shortly after the pass I forgot everyone's complete call sign
>and grid sqare. I couldn't write anything down while out there alone, I
>wasn't even planning on making a contact...I should have grabbed a tape
>recorder. Rich and Steve, are you guys on here? Fill me in! If not, I'll
>catch them on a pass in the near future. Sure was exciting; I'll be back!
>(I heard someone say there was a pileup for me (probably new meat!), then I
>lost the satellite. :)
>-Gerry KA1STZ FN32 Ashfied, MA
>

You must mean WA3SKQ (Rich) and VA3SF (Steve)

73

Will
N3ZLL

1857. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-01 00:00:00 UTC
From: Jim Jerzycke <kq6ea@pacbell.net>
Message-ID: <39871895.6505F84A@pacbell.net>
Source record: 8889
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

I thought "GMT" was not to be used anymore, replaced by "UTC".
Regards, Jim

1858. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-01 00:00:00 UTC
From: geoff@nospam.demon.co.uk
Message-ID: <FyMFIL.nDH@nospam.demon.co.uk>
Source record: 8890
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

Eavesdropper (ian@eavesdropper.worldonline.co.uk) wrote:

: I think the point is that things like GMT are WELL established so why
: complicate things further by making up new crap just for the sake of it ?.
: Personally I think we should ditch ALL of them and have zone1, zone2 zone3
: and so on time zones according to which longitudal band you are in....much
: simpler !!

Wouldn't it be easier to have one time zone for the whole world - that and
the 24 hour clock would make itclear for all....

Geoff
--
Geoff Blake geoff (at) palaemon . co . uk linux 2.0.36
Chelmsford g8gnz @ g8gnz . ampr . org sparc - i586
Please, only use the .ampr.org address if you know what you are doing
Intel create faster processors - Microsoft create slower processes

1859. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-01 00:00:00 UTC
From: dynastic@REMOVE_THIScwcom.net
Message-ID: <39871e49.14876876@news.cwcom.net>
Source record: 8891
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

On Tue, 1 Aug 2000 20:35:22 +1000, "Axle Jack" <axlejack@dingoblue.net.au>
wrote:

>> I'm going mad here....Arrrggghhhh !!
>
>No your not, its the rest of the world.
>Reminds me of a common catch phrase from my last job.
>"are you doing all right son?"
>"aye, I'm all right, its all these other b*****ds that's the problem"
>
>WET? What the hells that, I still refuse to stop using GMT :-)

The same as CET. UTC replaced GMT long ago.

--

Posted by G4RGA.
g4rga at thersgb.net
Rallies Info: http://website.lineone.net/~nordland
http://www.netcomuk.co.uk/~amadeus

1860. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-01 00:00:00 UTC
From: dynastic@REMOVE_THIScwcom.net
Message-ID: <39871ebe.14994006@news.cwcom.net>
Source record: 8892
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

On Tue, 1 Aug 2000 17:40:10 GMT, nomail@rob.knoware.nl (Rob Janssen) wrote:

>Eavesdropper <ian@eavesdropper.worldonline.co.uk> wrote:
>
>>> I think the point is that things like GMT are WELL established so why
>>complicate things further by making up new crap just for the sake of it ?.
>>Personally I think we should ditch ALL of them and have zone1, zone2 zone3
>>and so on time zones according to which longitudal band you are in....much
>>simpler !!
>
>I think we should drop all zones, put everyone on GMT, and just live with
>the fact that in one country the sun rises at other times than in another.

Do American Amateurs have to log in UTC or in their many local times?

--

Posted by G4RGA.
g4rga at thersgb.net
Rallies Info: http://website.lineone.net/~nordland
http://www.netcomuk.co.uk/~amadeus

1861. Re: will UO-14 pass tone??

Newsgroup: rec.radio.amateur.space
Date: 2000-08-01 00:00:00 UTC
From: vlfiscus@mcn.net
Message-ID: <soefj651dbm97@corp.supernews.com>
Source record: 8893

mustang9@bellatlantic.net (Mike Lamanna) wrote in
<3984424E.F6A82D5E@bellatlantic.net>:

>Does anyone know if UO-14 will pass either CTCSS or DCS??
>Just wondering
>
>Mike Wa3o
>
>

It's full duplex, you can check it yourself. If alot of stations are on
the uplink, it might distort your tones.

1862. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-01 00:00:00 UTC
From: "Anthony R. Gold" <tgold@microvest.demon.co.uk>
Message-ID: <8m7h12$6us$1@taliesin.netcom.net.uk>
Source record: 8894
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

Paul Keinanen <keinanen@sci.fi> wrote in message
news:76edosgj8hglcp3vcna7k3nlngkpfmdmld@4ax.com...
> On Tue, 1 Aug 2000 20:35:22 +1000, "Axle Jack"
> <axlejack@dingoblue.net.au> wrote:
>
>
> >WET? What the hells that, I still refuse to stop using GMT :-)
>
> To be pedantic, what is GMT (Greenwich _Mean_ Time) ? It is the time
> since the fictive mean Sun transit of the meridian in Greenwich. While
> in other time systems, the date changes at midnight, but in systems
> based on the mean Sun, the date changes at noon :-), or looking it the
> other way, there is a 12 hour difference between GMT and UTC.

Maybe you're thinking of Galway Mean Time, but Greenwich Mean
Time is no more than 750ms different from UTC, and kept there by
the use of leap seconds to maintain UTC close to astronomical time.

Yes, GMT does (did?) take the mean transit of the Sun over the Prime
Meridian, but that instant is defined as noon and not as midnight in GMT.

Regards,
--
Tony - G3SKR / W2TG email: tgold@panix.com

1863. Free place to post NYC Jobs & Real Estate Listings!

Newsgroup: rec.radio.amateur.space
Date: 2000-08-01 00:00:00 UTC
From: Jimmy@PeoplesList.COM
Message-ID: <B5AC9793.10E02A@[209.128.89.14]>
Source record: 8895

Hi!

I'm writing to let you know that you can post NYC real estate listings and jobs on our site for FREE! Please go to http://www.PeoplesList.com and click the ADD A LISTING BUTTON.

PeoplesList is a non-commericial online community posting site that offers real estate listings, job listings, personals, community postings and a whole lot of other stuff, all at no cost, and with no advertising banners.

Please feel free to post as often as you like, and email us if you have any questions!

Sincerely,

Gavin, Jimmy, & Paul
The PeopesList People
People@PeoplesList.com
"List Free or Die!"

1864. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-01 00:00:00 UTC
From: "Anthony R. Gold" <tgold@microvest.demon.co.uk>
Message-ID: <8m7hn0$726$1@taliesin.netcom.net.uk>
Source record: 8896
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

JimD <dynastic@REMOVE_THIScwcom.net> wrote in message
news:39871ebe.14994006@news.cwcom.net...

> Do American Amateurs have to log in UTC or in their many local times?

There are virtually no logging requirements except as a station
wishes to maintain as a defensive measure to show who was not
operating and in regards to Spread Spectrum, in order to allow
the FCC to demodulate such transmissions.

And the FCC has no rules on the time standard to be used in
a station's records.

Regards,
--
Tony - G3SKR / W2TG email: tgold@panix.com

1865. Re: UO-14...yeah, I got in! :)

Newsgroup: rec.radio.amateur.space
Date: 2000-08-01 00:00:00 UTC
From: Sam <alphacentauriNOalSPAM@i-plus.net.invalid>
Message-ID: <1e41d4e0.2bbdfc49@usw-ex0104-087.remarq.com>
Source record: 8897

Could you give me the uplink and downlink frequencies for the
UO-14 ? Thanks, Sam alphacentauri@i-plus.net

Got questions? Get answers over the phone at Keen.com.
Up to 100 minutes free!
http://www.keen.com

1866. Re: UO-14...yeah, I got in! :)

Newsgroup: rec.radio.amateur.space
Date: 2000-08-01 00:00:00 UTC
From: Gerry and/or Robin Lempicki <lempicki@psych.umass.edu>
Message-ID: <39878de5$1@oit.umass.edu>
Source record: 8898

uplink 145.975 downlink 435.070
There is a good article in August QST.

"Sam" <alphacentauriNOalSPAM@i-plus.net.invalid> wrote in message
news:1e41d4e0.2bbdfc49@usw-ex0104-087.remarq.com...
> Could you give me the uplink and downlink frequencies for the
> UO-14 ? Thanks, Sam alphacentauri@i-plus.net
>
>
> ----------
>
> Got questions? Get answers over the phone at Keen.com.
> Up to 100 minutes free!
> http://www.keen.com
>

1867. Re: will UO-14 pass tone??

Newsgroup: rec.radio.amateur.space
Date: 2000-08-02 00:00:00 UTC
From: Mike Lamanna <mustang9@bellatlantic.net>
Message-ID: <39876F38.1010AF53@bellatlantic.net>
Source record: 8801

"Vince Fiscus, KB7ADL" wrote:

> mustang9@bellatlantic.net (Mike Lamanna) wrote in
> <3984424E.F6A82D5E@bellatlantic.net>:
>
> >Does anyone know if UO-14 will pass either CTCSS or DCS??
> >Just wondering
> >
> >Mike Wa3o
> >
> >
>
> It's full duplex, you can check it yourself. If alot of stations are on
> the uplink, it might distort your tones.

Yep tried it passed the tone fine thanks for the responce

Mike WA3O

1868. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-02 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8oflur.rch.nomail@linux.pe1chl.ampr.org>
Source record: 8802
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

JimD <dynastic@REMOVE_THIScwcom.net> wrote:
>On Tue, 1 Aug 2000 20:35:22 +1000, "Axle Jack" <axlejack@dingoblue.net.au>
>wrote:

>>> I'm going mad here....Arrrgggghhhh !!

>>No your not, its the rest of the world.
>>Reminds me of a common catch phrase from my last job.
>>"are you doing all right son?"
>>"aye, I'm all right, its all these other b*****ds that's the problem"

>>WET? What the hells that, I still refuse to stop using GMT :-)

>The same as CET. UTC replaced GMT long ago.

Although it would be better if it was equal to UTC... Here in the
Netherlands, we clearly are in Western Europe. But we are on Central
Europe's timezone. As a result, our wallclock time is always 40 minutes
ahead of sun time, and when DST is in effect is is even 1:40 ahead!

In the summer, the sun is at its highest point at 13:40 and it does not
start to get dark until 21:30-22:00...

But again, it would be far less confusing when everyone went to UTC and
just did not assign any special significance to clock time relative to
sun time. As others mentioned, it would also lessen the confusion about
the date. How nice when the date is the same everywhere around the world!

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

1869. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-02 00:00:00 UTC
From: Eavesdropper <ian@eavesdropper.worldonline.co.uk>
Message-ID: <3987fdbd@news.server.worldonline.co.uk>
Source record: 8803
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

NO, the bloddy Eurocrats have tried their best to force UTC over GMT but like the pund/Euro they can get stuffed, did you know that some complete pillock even wanted the meridian line moved to go through germany or was it france can't remember ?.

ian

Jim Jerzycke <kq6ea@pacbell.net> wrote in message news:39871895.6505F84A@pacbell.net...
> I thought "GMT" was not to be used anymore, replaced by "UTC".
> Regards, Jim
>
>

1870. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-02 00:00:00 UTC
From: Eavesdropper <ian@eavesdropper.worldonline.co.uk>
Message-ID: <3987fe1b@news.server.worldonline.co.uk>
Source record: 8804
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

>
> The same as CET. UTC replaced GMT long ago.
>
No it did not most MAJOR mediums still use GMT or use both side by side,
stuff the French !

....ooh that got me going :-)
ian

1871. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-02 00:00:00 UTC
From: Eavesdropper <ian@eavesdropper.worldonline.co.uk>
Message-ID: <3987fedb@news.server.worldonline.co.uk>
Source record: 8805
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

Arghhhhhhhhhhh i'm off one again :-)

GMT has been established for centuries, it WORKS so why change it, the only change I DO agree with is getting rid off BST changes because the reason for introducing them went out after the damm WAR !.

ian

Rob Janssen <nomail@rob.knoware.nl> wrote in message news:slrn8oflur.rch.nomail@linux.pe1chl.ampr.org...
> JimD <dynastic@REMOVE_THIScwcom.net> wrote:
> >On Tue, 1 Aug 2000 20:35:22 +1000, "Axle Jack" <axlejack@dingoblue.net.au>
> >wrote:
>
> >>> I'm going mad here....Arrrggghhhh !!
>
> >>No your not, its the rest of the world.
> >>Reminds me of a common catch phrase from my last job.
> >>"are you doing all right son?"
> >>"aye, I'm all right, its all these other b*****ds that's the problem"
>
> >>WET? What the hells that, I still refuse to stop using GMT :-)
>
> >The same as CET. UTC replaced GMT long ago.
>
> Although it would be better if it was equal to UTC... Here in the
> Netherlands, we clearly are in Western Europe. But we are on Central
> Europe's timezone. As a result, our wallclock time is always 40 minutes
> ahead of sun time, and when DST is in effect is is even 1:40 ahead!
>
> In the summer, the sun is at its highest point at 13:40 and it does not
> start to get dark until 21:30-22:00...
>
> But again, it would be far less confusing when everyone went to UTC and
> just did not assign any special significance to clock time relative to
> sun time. As others mentioned, it would also lessen the confusion about
> the date. How nice when the date is the same everywhere around the world!
>
> Rob
> --
>
+----------------------------------+--------------------------------------+
> | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob

```
|
> | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU
|
>
+---------------------------------+-------------------------------------+
```

1872. Re: Software to U0-14

Newsgroup: rec.radio.amateur.space
Date: 2000-08-02 00:00:00 UTC
From: Peter Hodgson <va3pkh@rac.ca>
Message-ID: <39880B07.E8A839B7@rac.ca>
Source record: 8806

Hi Steve
I believe Heavens above only gives "visible" passes not "radio" passes.
Winorbit is a good program to start you own tracking.
I make up a book of passes for a week ahead and carry it with me.
UO 14 AO 27 & SO35 passes last about 14 minutes edge to edge, here in
Ontario
I get to use about 10 min of that. That is the Sat is too low for the
first two min and last two min.

73

Peter
VA3PKH

Steve Kallal wrote:
>
> I want to hear UO-14. www.heavens-above.com will give me the next pass.
> But I want to know the passes for the next few days. Also the web site
> gives about a 5 minute window for each pass. How accurate is the time slot?
> And does it only last 5 minutes?
>
> Steve Kallal KB9XU
> skallal@pacbell.net

1873. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-02 00:00:00 UTC
From: bejones@hursley.ibm.com
Message-ID: <39880fc4.17182356@testnews.hursley.ibm.com>
Source record: 8807
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

>If you did that, you'd have people in some parts of the world going
>to bed in the evening and waking up the next morning on the same date.
>
It might sound a little stupid but isn't that what millions of night
shift workers do anyway!

BTW Chambers dictionary describes Morning and Night as first and end
parts of the day (respectively) - so for a night shift worker is my
morning the equivalent of his night?

I'm not sure what the fuss is about - we need an absolute reference
time (and forgetting the nano-seconds or whatever difference between
UTC and GMT standards) what does it matter if we call it GMT, UTZ or
Zulu (I use the latter as Z is 2 less letters to add to my QSL
labels).

I never remember any other timezone acronyms just that its 5 hours to
New York, 8 to San Francisco (except for the 2 weeks where the clock
changes re out of synch) and that you have to turn your analog watch
upside down for the time in New Dehli!!

G0UKB

12:22Z 9:13 L AST

(Local Apparent Sidereal Time from
http://tycho.usno.navy.mil/sidereal.html)
Brian Jones
Java Technology Centre
IBM Hursley Park
England

1874. Re: Ham-Space Digest V2000 #195 (AbsentWise)

Newsgroup: rec.radio.amateur.space
Date: 2000-08-02 00:00:00 UTC
From: malcolm.andrew@aeat.co.UK
Message-ID: <s9882017.075@a-hgwd3.harwell.aeat.co.uk>
Source record: 8808

I am absent from 02 August 2000 until 31 August 2000. Please contact Duncan Mackay on 01235 433388 or 720 3388.

1875. Re: turnstile antenna plans

Newsgroup: rec.radio.amateur.space
Date: 2000-08-02 00:00:00 UTC
From: hamish@cloud.net.au
Message-ID: <lFUh5.8341$l43.26764@news1.eburwd1.vic.optushome.com.au>
Source record: 8809

Rob Janssen <nomail@rob.knoware.nl> wrote:
> An open dipole in free space is something like 73 ohms, and putting it
> near a reflector will only reduce the impedance. That is why a design
> that assumes 50 ohms for the dipole can work, if the dimensions are right.

Well, modelling tools disagree. Of course, modelling tools aren't
everything but they shouldn't choke on the humble dipole. At a 1/2 wavelength
above ground, the impedance is about 73 ohms, but (according to these
tools anyway) the impedance at 3/8 wavelength above ground is about 100
ohms, which is what I'm using.

Actually, at 4/10 wavelengths or thereabouts, the pattern is a bit better
(favours low angles a bit more) and the impedance is about 93 ohms --
sounds perfect.

Hamish
--
Hamish Moffatt VK3SB <hamish@debian.org> <hamish@cloud.net.au>

1876. Need Sat. Antenna Advice

Newsgroup: rec.radio.amateur.space
Date: 2000-08-02 00:00:00 UTC
From: <>
Message-ID: <8m96umkik1@pyrite.mv.net>
Source record: 8810

I am just getting into working satellites and have been having limited luck with a dual band 2m/70cm high gain vertical that is up on my HF tower. I was thinking of putting up a log periodic vhf/uhf on top of my HF beam at 50 feet and was wondering if it would be worth the effort? I realize that to do satellites seriously you need a azimuth/elevation antenna setup but at this time budget and space will not allow that. I am having fun with the vertical but it would be nice if a beam would increase that fun and be worth the cost.

Any info would be appreciated.

Richard Lubash
N1VXW
email XXXXrlubash@poco.mv.com

ATTENTION: To stop that pesky junk mail I have
put the prefix (XXXX) at the front of my email address. To reply
remove (XXXX)

1877. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-02 00:00:00 UTC
From: g4fzn@yahoo.com
Message-ID: <39881f69.16059833@news.freeserve.co.uk>
Source record: 8811
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

nomail@rob.knoware.nl (Rob Janssen) wrote:

>But again, it would be far less confusing when everyone went to UTC and
>just did not assign any special significance to clock time relative to
>sun time. As others mentioned, it would also lessen the confusion about
>the date. How nice when the date is the same everywhere around the world!

What a stupid idea!

People all over the world over know that their normal "retiring" time
is somewhere between ten and twelve pm, take lunch between midday (12)
and two pm, and that their normal "getting up" time is somewhere
between seven and nine am - and know that it will be a new day of the
week and a new date when they wake up.

Consider what would happen if this crazy idea was adopted. The first
thing you would need to ask would be "what time of the day do you go
to bed around here?" Could get a slap around the face for that.

Remember Swatch's beatnik satellite broadcasting Internet time to
earth on 2m or did Hams Jam the Space Spam? Have a laugh at:

http://news.bbc.co.uk/hi/english/sci/tech/newsid_320000/320560.stm

73, Chris

1878. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-02 00:00:00 UTC
From: g4fzn@yahoo.com
Message-ID: <398826d5.17960033@news.freeserve.co.uk>
Source record: 8812
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

"Eavesdropper" <ian@eavesdropper.worldonline.co.uk> wrote:

>NO, the bloddy Eurocrats have tried their best to force UTC over GMT but
>like the pund/Euro they can get stuffed, did you know that some complete
>pillock even wanted the meridian line moved to go through germany or was it
>france can't remember ?.

No, I didn't know that. Who wanted it moved?

Anyway GB3PI, the UK's first 2m repreater lies on the meridian line,
and we wouldn't want that moved to France or Germany.

Chris

1879. Re: make big $

Newsgroup: rec.radio.amateur.space
Date: 2000-08-02 00:00:00 UTC
From: Paul Northover <Paul.Northover.GP@icn.siemens.de>
Message-ID: <3988400D.592AC46B@icn.siemens.de>
Source record: 8813

Spammer duly reported.

1880. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-02 00:00:00 UTC
From: "Anthony R. Gold" <tgold@microvest.demon.co.uk>
Message-ID: <8m9hfq$c1m$1@taliesin.netcom.net.uk>
Source record: 8814
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

Brian Jones <bejones@hursley.ibm.com> wrote in message
news:39880fc4.17182356@testnews.hursley.ibm.com...

> I never remember any other timezone acronyms just that its 5 hours to
> New York, 8 to San Francisco (except for the 2 weeks where the clock
> changes re out of synch)

Don't trust your memory, it's actually 5 hours to New York except for one
week in Spring starting on the last Sunday in March when it's six hours.

Regards,
--
Tony - G3SKR / W2TG email: tgold@panix.com

1881. Re: Software to U0-14

Newsgroup: rec.radio.amateur.space
Date: 2000-08-02 00:00:00 UTC
From: marsgal42@hotmail.com
Message-ID: <8m9lvs$41u$1@nnrp1.deja.com>
Source record: 8815

In article <R5Nh5.565$gN3.90404@news.pacbell.net>,
"Steve Kallal" <skallal@pacbell.net> wrote:
> I want to hear UO-14. www.heavens-above.com will give me the next
pass.
> But I want to know the passes for the next few days. Also the web
site
> gives about a 5 minute window for each pass. How accurate is the time
slot?
> And does it only last 5 minutes?

There are all kinds of tracking programs at www.amsat.org -
have a look, download some, play with them!

I usually use sattrack, which has the usual Mission Control-
style ground track display, the usual prediction facilities,
and has functions to answer questions of the form "when is the
next analog/digital/weather/whatever satellite due?" If you
want something small and slick, consider predict.

You will need regular updates of orbital data (I update once
a week - YMMV). I get mine from www.celestrak.com.

Laura Halliday VE7LDH "Que les nuages soiet notre
Grid: CN89mg pied a terre..." - Hospital/Shafte

Sent via Deja.com http://www.deja.com/
Before you buy.

1882. Re: UO-14...yeah, I got in! :)

Newsgroup: rec.radio.amateur.space
Date: 2000-08-02 00:00:00 UTC
From: Peter Hodgson <va3pkh@rac.ca>
Message-ID: <398863FA.BBAD5F7@rac.ca>
Source record: 8816

Hi Sam

Somewhere in your Yaesu FT 8100 manual should be instructions to set the step to 5 khz. I looked on the Yaesu web site and listed in the specs, the available steps are : 5khz, 10khz, 12.5khz, 15khz, 20khz, 25 khz, & 50khz

73

Peter
VA3PKH

Sam wrote:
>
> I would really like to get on the sat's but the only 2 meter rig
> I have is the Yaesu FT-8100R and it doesn't pick up 435.070.
> only 435.000, 435.025, 435.050, 435.075 . Nothing in between .
>
> ----------
>
> Got questions? Get answers over the phone at Keen.com.
> Up to 100 minutes free!
> http://www.keen.com

1883. Re: Need Sat. Antenna Advice

Newsgroup: rec.radio.amateur.space
Date: 2000-08-02 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8ognqm.h7h.nomail@linux.pe1chl.ampr.org>
Source record: 8817

Richard Lubash <XXXXrlubash@poco.mv.com.> wrote:
>I am just getting into working satellites and have been having limited
>luck with a dual band 2m/70cm high gain vertical that is up on my HF
>tower. I was thinking of putting up a log periodic vhf/uhf on top of my
>HF beam at 50 feet and was wondering if it would be worth the effort? I
>realize that to do satellites seriously you need a azimuth/elevation
>antenna setup but at this time budget and space will not allow that. I
>am having fun with the vertical but it would be nice if a beam would
>increase that fun and be worth the cost.

The high gain vertical does not work well because it achieves its high gain
by bundling the energy towards the horizon. It does not radiate or receive
much above a few degrees elevation.

Use a low gain antenna and this problem will be much less apparent. The
signal is less but it remains there when the satellite climbs higher.

There are many suitable antennas, and you can see them discussed on this
group.

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

1884. Re: UO-14...yeah, I got in! :)

Newsgroup: rec.radio.amateur.space
Date: 2000-08-02 00:00:00 UTC
From: "Alan K. Adamson" <ne1h@ne1h.radio.org>
Message-ID: <sogqq53ndbm174@corp.supernews.com>
Source record: 8818

Sam, the 8100 absolutely will tune in 5khz steps. You'll have to change the default step from the 25khz norm for UHF, but it will go there, just start about 10khz high at the beginning of the pass and be at freq at the middle and about 10khz low at the end to account for doppler.

On 2mtrs, you'll only need +-5 from one end to the other and it goes in the opposite direction, start low and turn high.

People do it with HT's all the time. Heck I've talked to someone mobile on SO-35 already and they were just using the 2m/70cm vertical whip on the car.

There are 3 FM voice sats currently. AO-27 (it's getting new software and may be down currently also, only on during daylight passes, nothing at night), SO-35, it's on a schedule with data and voice passes, you'll have to find their webpage for the schedule of times and modes, and UO-14 which is only in FM voice mode.

All of these are Mode J sats (2m - up/70cm - down).

Hope this helps.
Alan
"Sam" <alphacentauriNOalSPAM@i-plus.net.invalid> wrote in message
news:0123b32e.dc5ca60d@usw-ex0103-023.remarq.com...
> I would really like to get on the sat's but the only 2 meter rig
> I have is the Yaesu FT-8100R and it doesn't pick up 435.070.
> only 435.000, 435.025, 435.050, 435.075 . Nothing in between .
>
>
> ----------
>
> Got questions? Get answers over the phone at Keen.com.
> Up to 100 minutes free!
> http://www.keen.com
>

1885. Re: Need Sat. Antenna Advice

Newsgroup: rec.radio.amateur.space
Date: 2000-08-02 00:00:00 UTC
From: "Alan K. Adamson" <ne1h@ne1h.radio.org>
Message-ID: <sogqv8hkdbm79@corp.supernews.com>
Source record: 8819

yeah, try K5OE (i think that's the callsign) website, sorry don't have it handy, but search for eggbeater antennas. Easy to build and they work good.

Alan
"Richard Lubash" <XXXXrlubash@poco.mv.com.> wrote in message news:8m96umkik1@pyrite.mv.net...
> I am just getting into working satellites and have been having limited
> luck with a dual band 2m/70cm high gain vertical that is up on my HF
> tower. I was thinking of putting up a log periodic vhf/uhf on top of my
> HF beam at 50 feet and was wondering if it would be worth the effort? I
> realize that to do satellites seriously you need a azimuth/elevation
> antenna setup but at this time budget and space will not allow that. I
> am having fun with the vertical but it would be nice if a beam would
> increase that fun and be worth the cost.
>
> Any info would be appreciated.
>
>
> ----------
>
> Richard Lubash
> N1VXW
> email XXXXrlubash@poco.mv.com
> ----------
> ATTENTION: To stop that pesky junk mail I have
> put the prefix (XXXX) at the front of my email address. To reply
> remove (XXXX)

1886. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-02 00:00:00 UTC
From: "M.J.Powell" <mike@pickmere.demon.co.uk>
Message-ID: <ZGj07HA2jDi5EweE@pickmere.demon.co.uk>
Source record: 8820
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

In article <39871895.6505F84A@pacbell.net>, Jim Jerzycke
<kq6ea@pacbell.net> writes
>I thought "GMT" was not to be used anymore, replaced by "UTC".

Except on the BBC World Service! Hurray!

Mike
--
M.J.Powell

1887. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-02 00:00:00 UTC
From: dynastic@REMOVE_THIScwcom.net
Message-ID: <39885ce3.13313874@news.cwcom.net>
Source record: 8821
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

On Wed, 2 Aug 2000 11:58:01 +0100, "Eavesdropper"
<ian@eavesdropper.worldonline.co.uk> wrote:

>Arghhhhhhhhhhh i'm off one again :-)
>
>GMT has been established for centuries...

...and has been disestablished since Universal Time
took over.

--

Posted by G4RGA.
g4rga at thersgb.net
Rallies Info: http://website.lineone.net/~nordland
http://www.netcomuk.co.uk/~amadeus

1888. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-02 00:00:00 UTC
From: dynastic@REMOVE_THIScwcom.net
Message-ID: <39885dde.13564844@news.cwcom.net>
Source record: 8822
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

On Wed, 2 Aug 2000 11:53:14 +0100, "Eavesdropper"
<ian@eavesdropper.worldonline.co.uk> wrote:

>NO, the bloddy Eurocrats have tried their best to force UTC over GMT but
>like the pund/Euro they can get stuffed, did you know that some complete
>pillock even wanted the meridian line moved to go through germany or was it
>france can't remember ?.

France.

They succeeded in forcing UTC long ago.

(And you'll be spending Euros in five years time as well).

--

Posted by G4RGA.
g4rga at thersgb.net
Rallies Info: http://website.lineone.net/~nordland
http://www.netcomuk.co.uk/~amadeus

1889. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-02 00:00:00 UTC
From: dynastic@REMOVE_THIScwcom.net
Message-ID: <39885e1a.13624854@news.cwcom.net>
Source record: 8823
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

On Wed, 02 Aug 2000 13:51:45 GMT, g4fzn@yahoo.com (Chris Kirby) wrote:

>"Eavesdropper" <ian@eavesdropper.worldonline.co.uk> wrote:
>
>>NO, the bloddy Eurocrats have tried their best to force UTC over GMT but
>>like the pund/Euro they can get stuffed, did you know that some complete
>>pillock even wanted the meridian line moved to go through germany or was it
>>france can't remember ?.
>
>No, I didn't know that. Who wanted it moved?
>
>Anyway GB3PI, the UK's first 2m repreater lies on the meridian line,
>and we wouldn't want that moved to France or Germany.

I don't think young Davidson would agree with that.

--

Posted by G4RGA.
g4rga at thersgb.net
Rallies Info: http://website.lineone.net/~nordland
http://www.netcomuk.co.uk/~amadeus

1890. Re: Software to U0-14

Newsgroup: rec.radio.amateur.space
Date: 2000-08-02 00:00:00 UTC
From: Sam <alphacentauriNOalSPAM@i-plus.net.invalid>
Message-ID: <0d108c51.bf8878c5@usw-ex0103-019.remarq.com>
Source record: 8824

www.heavens-above.com WILL not only give passes for the next few days but will give Weeks or month . Just select a sat from there database and enter the sats name(Oscar 14). Then click Submit. Click on the sats name and then click passes in the up right hand corner. Then click NEXT in the up right hand corner for more ! It will tell you the pass info no matter what the weather may be like ! Good luck ! Sam, alphacentauri@i-plus.net

---

Got questions? Get answers over the phone at Keen.com.
Up to 100 minutes free!
http://www.keen.com

1891. Re: Software to U0-14

Newsgroup: rec.radio.amateur.space
Date: 2000-08-02 00:00:00 UTC
From: Sam <alphacentauriNOalSPAM@i-plus.net.invalid>
Message-ID: <040c6053.47b9d9e5@usw-ex0102-014.remarq.com>
Source record: 8825

What is the difference between a visible pass and a radio
pass ? Sam, alphacentauri@i-plus.net

Got questions? Get answers over the phone at Keen.com.
Up to 100 minutes free!
http://www.keen.com

1892. Re: Software to U0-14

Newsgroup: rec.radio.amateur.space
Date: 2000-08-02 00:00:00 UTC
From: Ralph Mowery <rmowery@dialpoint.net>
Message-ID: <39887F28.3CD4A5C2@dialpoint.net>
Source record: 8826

What is the differance between 'visible' and 'radio' passes ? There may
be some bending of the VHF signals, but would not think the programs
take that into their calculations.

Peter Hodgson wrote:
>
> Hi Steve
> I believe Heavens above only gives "visible" passes not "radio" passes.
> Winorbit is a good program to start you own tracking.
> I make up a book of passes for a week ahead and carry it with me.
> UO 14 AO 27 & SO35 passes last about 14 minutes edge to edge, here in
> Ontario
> I get to use about 10 min of that. That is the Sat is too low for the
> first two min and last two min.
>
> 73
>
> Peter
> VA3PKH
>
> Steve Kallal wrote:
> >
> > I want to hear UO-14. www.heavens-above.com will give me the next pass.
> > But I want to know the passes for the next few days. Also the web site
> > gives about a 5 minute window for each pass. How accurate is the time slot?
> > And does it only last 5 minutes?
> >
> > Steve Kallal KB9XU
> > skallal@pacbell.net

1893. Re: Need Sat. Antenna Advice

Newsgroup: rec.radio.amateur.space
Date: 2000-08-02 00:00:00 UTC
From: Ralph Mowery <rmowery@dialpoint.net>
Message-ID: <39888159.9339D5F@dialpoint.net>
Source record: 8827

If you want to go to a beam, you will have to do the az/el unless you mount the antenna at about a 45 deg angle to the ground. A low gain beam (around 3 elements) mounted like that will work to some extent. YOu will get a broad pattern and will have to track the sat with the rotator. As height does not mater too much, you may be able to find some rotators of the U-100 class for $ 15 or so used. by modifying one by breaking out the stop for the mask you can pass a pipe through it and mount it so that it is an elevation rotator.

YOu might try a Turnstile over a reflector . This is a set of crossed dipoles over a reflector and phased correctly. This puts most of the signal in a broad upward patern instead of the patern the antenna you are using does. The one you have puts out a small amount much above the 20 or 30 degree point and most below that. You need ot do the oposit, more up and less out.

Richard Lubash wrote:
>
> I am just getting into working satellites and have been having limited
> luck with a dual band 2m/70cm high gain vertical that is up on my HF
> tower. I was thinking of putting up a log periodic vhf/uhf on top of my
> HF beam at 50 feet and was wondering if it would be worth the effort? I
> realize that to do satellites seriously you need a azimuth/elevation
> antenna setup but at this time budget and space will not allow that. I
> am having fun with the vertical but it would be nice if a beam would
> increase that fun and be worth the cost.
>

1894. Re: Software to U0-14

Newsgroup: rec.radio.amateur.space
Date: 2000-08-02 00:00:00 UTC
From: Sam <alphacentauriNOalSPAM@i-plus.net.invalid>
Message-ID: <01112187.cd4e361d@usw-ex0103-019.remarq.com>
Source record: 8828

www.heavens-above.com is more than what people think. I have ben
able to find out the passes for my area starting today through
16 october 2001 (ye! 2001!). Even if it says there are no
visible passes, keep clicking next and it will keep searching
in ten day periods . Heavens above says that Oscar 14 has two
alternate names, UOSAT 3 and UO-14 .

Got questions? Get answers over the phone at Keen.com.
Up to 100 minutes free!
http://www.keen.com

1895. Re: Software to U0-14

Newsgroup: rec.radio.amateur.space
Date: 2000-08-02 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8oh6un.h7h.nomail@linux.pe1chl.ampr.org>
Source record: 8829

Ralph Mowery <rmowery@dialpoint.net> wrote:
>What is the differance between 'visible' and 'radio' passes ? There may
>be some bending of the VHF signals, but would not think the programs
>take that into their calculations.

No... a 'visible' pass is a pass where the observer is in darkness and the
satellite is in the sunlight. This is for use by people who like to
observe the satellites as "moving stars" along the evening sky, not for
radio amateurs who listen to the signals. Probably most website visitors
are the visual observers.
(some satellites are very bright when observed visually)

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

1896. Re: turnstile antenna plans

Newsgroup: rec.radio.amateur.space
Date: 2000-08-02 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8oh78d.h7h.nomail@linux.pe1chl.ampr.org>
Source record: 8830

Hamish Moffatt VK3SB <hamish@cloud.net.au> wrote:
>Rob Janssen <nomail@rob.knoware.nl> wrote:
>> An open dipole in free space is something like 73 ohms, and putting it
>> near a reflector will only reduce the impedance. That is why a design
>> that assumes 50 ohms for the dipole can work, if the dimensions are right.

>Well, modelling tools disagree. Of course, modelling tools aren't
>everything but they shouldn't choke on the humble dipole. At a 1/2 wavelength
>above ground, the impedance is about 73 ohms, but (according to these
>tools anyway) the impedance at 3/8 wavelength above ground is about 100
>ohms, which is what I'm using.

>Actually, at 4/10 wavelengths or thereabouts, the pattern is a bit better
>(favours low angles a bit more) and the impedance is about 93 ohms --
>sounds perfect.

Maybe the modern modelling programs have better data than old "rule of
thumb" antenna books... just give it a try!

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

1897. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-02 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8oh79h.h7h.nomail@linux.pe1chl.ampr.org>
Source record: 8831
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

Anthony R. Gold <tgold@microvest.demon.co.uk> wrote:
>On Wednesday, in article
> <slrn8oflur.rch.nomail@linux.pe1chl.ampr.org>
> nomail@rob.knoware.nl "Rob Janssen" wrote:

>> How nice when the date is the same everywhere around the world!

>If you did that, you'd have people in some parts of the world going
>to bed in the evening and waking up the next morning on the same date.

>The word "nice" does not adequately describe this proposal :-)

Why do you think a date change should always occur during your sleep?

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

1898. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-02 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8oh7nc.h7h.nomail@linux.pe1chl.ampr.org>
Source record: 8832
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

Chris Kirby <g4fzn@yahoo.com> wrote:
>nomail@rob.knoware.nl (Rob Janssen) wrote:

>>But again, it would be far less confusing when everyone went to UTC and
>>just did not assign any special significance to clock time relative to
>>sun time. As others mentioned, it would also lessen the confusion about
>>the date. How nice when the date is the same everywhere around the world!

>What a stupid idea!

>People all over the world over know that their normal "retiring" time
>is somewhere between ten and twelve pm, take lunch between midday (12)
>and two pm, and that their normal "getting up" time is somewhere
>between seven and nine am - and know that it will be a new day of the
>week and a new date when they wake up.

It used to be like that here until about a decade, but then the idea
of a "24 hour economy" started to take off, and you find that there are
less and less "standard times" for doing things.
Shops open longer and longer, people try to negotiate ever more flexible
working hours to avoid traffic peaks, etc etc.

I think this already happened in the USA long ago, so that "all over the
world" area where the times you mention above are valid should probably
be limited a bit.

(and now I am not even talking about the notion of AM/PM on clocks, that
idea has been abandoned in favour of a 00:00-23:59 clock long ago here)

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

1899. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-02 00:00:00 UTC
From: Eavesdropper <ian@eavesdropper.worldonline.co.uk>
Message-ID: <3988a656@news.server.worldonline.co.uk>
Source record: 8833
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

1) Sorry Jim i honestly cannot remember who it was that wanted the line
moved but i will do a search and see what i can come up with
2) Your probably right, but not without some violence i think perhaps ?

ian

JimD <dynastic@REMOVE_THIScwcom.net> wrote in message
news:39885dde.13564844@news.cwcom.net...
> On Wed, 2 Aug 2000 11:53:14 +0100, "Eavesdropper"
> <ian@eavesdropper.worldonline.co.uk> wrote:
>
> >NO, the bloddy Eurocrats have tried their best to force UTC over GMT but
> >like the pund/Euro they can get stuffed, did you know that some complete
> >pillock even wanted the meridian line moved to go through germany or was
it
> >france can't remember ?.
>
> France.
>
> They succeeded in forcing UTC long ago.
>
> (And you'll be spending Euros in five years time as well).
>
> --
> ____
>
> Posted by G4RGA.
> g4rga at thersgb.net
> Rallies Info: http://website.lineone.net/~nordland
> http://www.netcomuk.co.uk/~amadeus

1900. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-02 00:00:00 UTC
From: Eavesdropper <ian@eavesdropper.worldonline.co.uk>
Message-ID: <3988a6a7@news.server.worldonline.co.uk>
Source record: 8834
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

I don't think so Jim, I monitor hundreds of broadcasts both commercial and private and GMT is still very widely used , UTC is often quoted alongside it or vice versa

ian

JimD <dynastic@REMOVE_THIScwcom.net> wrote in message news:39885ce3.13313874@news.cwcom.net...
> On Wed, 2 Aug 2000 11:58:01 +0100, "Eavesdropper"
> <ian@eavesdropper.worldonline.co.uk> wrote:
>
> >Arghhhhhhhhhhhh i'm off one again :-)
> >
> >GMT has been established for centuries...
>
> ...and has been disestablished since Universal Time
> took over.
>
> --
> ____
>
> Posted by G4RGA.
> g4rga at thersgb.net
> Rallies Info: http://website.lineone.net/~nordland
> http://www.netcomuk.co.uk/~amadeus

1901. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-02 00:00:00 UTC
From: Chris Kirby <g4fzn@yahoo.com>
Message-ID: <3988a6e3.8053304@news.ntlworld.com>
Source record: 8835
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

JimD wrote:
>Chris Kirby wrote:

>>Anyway GB3PI, the UK's first 2m repreater lies on the meridian line,
>>and we wouldn't want that moved to France or Germany.
>
>I don't think young Davidson would agree with that.

I'm not sure about that. According to my log book, my one and only FM QSO with G3NYY was through GB3PI (well it was G3NYY/M actually!)

:-)

Chris

1902. Can't hear UO-14

Newsgroup: rec.radio.amateur.space
Date: 2000-08-02 00:00:00 UTC
From: Rodney Isom <rodneyi@noooospam.hiwaay.net>
Message-ID: <sohomsmhdbm135@corp.supernews.com>
Source record: 8836

I'm trying to hear UO-14 using an HT with a 2m/440 whip antenna (1/4 on 2m, 1/2 on whip, I think). I'm not having any luck. Should I be able to pick up this satellite using the setup I've got?

Thanks,
Rodney - KF4COV

****
Rodney Isom
Arab, AL
rodneyi@noooospam.hiwaay.net

1903. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-02 00:00:00 UTC
From: geoff@nospam.demon.co.uk
Message-ID: <FyoMH8.32n@nospam.demon.co.uk>
Source record: 8837
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

Eavesdropper (ian@eavesdropper.worldonline.co.uk) wrote:
: NO, the bloddy Eurocrats have tried their best to force UTC over GMT but
: like the pund/Euro they can get stuffed, did you know that some complete
: pillock even wanted the meridian line moved to go through germany or was it
: france can't remember ?.

Actually:

GMT is *not* the same as UTC or even UT1 or UT2, but *you* wouldn't notice
the difference.

Up to the latter part of the 19th century, each country had it's own
meridian, generally passing through its own capital - Spain (Madrid) and
France (Paris) were but two.

It was one of the earlier actions of the IMO (International Maritime
Organisation) that sorted that out and chose the Greenwich meridian as the
Prime as the UK was the premier maritime nation at the time.

Geoff

: ian

: Jim Jerzycke <kq6ea@pacbell.net> wrote in message
: news:39871895.6505F84A@pacbell.net...
: > I thought "GMT" was not to be used anymore, replaced by "UTC".
: > Regards, Jim
: >
: >

--
Geoff Blake geoff (at) palaemon . co . uk linux 2.0.36
Chelmsford g8gnz @ g8gnz . ampr . org sparc - i586
Please, only use the .ampr.org address if you know what you are doing
Intel create faster processors - Microsoft create slower processes

1904. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-03 00:00:00 UTC
From: geoff@nospam.demon.co.uk
Message-ID: <Fyq6y2.6n0@nospam.demon.co.uk>
Source record: 8699
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

Eavesdropper (ian@eavesdropper.worldonline.co.uk) wrote:

: I wrote:

: > It was one of the earlier actions of the IMO (International Maritime
: > Organisation) that sorted that out and chose the Greenwich meridian as the
: > Prime as the UK was the premier maritime nation at the time.

: So the fact that the 0Deg Longitudal line runs through Greenwich it has
: nothing to do with it ?.

Quoting sorted (again!).

Before the latter part of the 19th Century, the British 000 longitude ran
through Greenwich, the Spanish 000 longitude ran through Madrid, the both
ran through the geographic poles.

If you go to Grand Canaria, there is a Maritime Museum with some 1880's
charts of the the island. It took me some time to twig that the island was
not at ~012 deg W - and this lead me to research the issue. As I said in a
previous post, it wan't to the early 1900's that most (all?) nations came
into "line" :-)

Geoff
--
Geoff Blake geoff (at) palaemon . co . uk linux 2.0.36
Chelmsford g8gnz @ g8gnz . ampr . org sparc - i586
Please, only use the .ampr.org address if you know what you are doing
Intel create faster processors - Microsoft create slower processes

1905. Re: Can't hear UO-14

Newsgroup: rec.radio.amateur.space
Date: 2000-08-03 00:00:00 UTC
From: marsgal42@hotmail.com
Message-ID: <8mcfkd$7s2$1@nnrp1.deja.com>
Source record: 8700

In article <sohomsmhdbm135@corp.supernews.com>,
"Rodney Isom" <rodneyi@nooospam.hiwaay.net> wrote:
> I'm trying to hear UO-14 using an HT with a 2m/440 whip antenna (1/4
on 2m,
> 1/2 on whip, I think). I'm not having any luck. Should I be able to
pick
> up this satellite using the setup I've got?

Easily. Verify your pass times, and make sure you've got the
frequencies (inlcluding Doppler) right.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..." - Hospital/Shafte

Sent via Deja.com http://www.deja.com/
Before you buy.

1906. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-03 00:00:00 UTC
From: dynastic@REMOVE_THIScwcom.net
Message-ID: <3989ad61.4969628@news.cwcom.net>
Source record: 8701
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

On Wed, 2 Aug 2000 22:21:32 GMT, nomail@rob.knoware.nl (Rob Janssen) wrote:

>It used to be like that here until about a decade, but then the idea
>of a "24 hour economy" started to take off, and you find that there are
>less and less "standard times" for doing things.
>Shops open longer and longer, people try to negotiate ever more flexible
>working hours to avoid traffic peaks, etc etc.

I've just learned, from another newsgroup, that chip-shops in
Inverness open at 4 a.m. to cater for the traffic coming out
of the clubs.

But for communicating across time zones, you obviously need
a common time-reference. UTC serves this purpose adequately.

--

Posted by G4RGA.
g4rga at thersgb.net
Rallies Info: http://website.lineone.net/~nordland
http://www.netcomuk.co.uk/~amadeus

1907. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-03 00:00:00 UTC
From: dynastic@REMOVE_THIScwcom.net
Message-ID: <3989adac.5044178@news.cwcom.net>
Source record: 8702
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

On Wed, 2 Aug 2000 23:52:12 +0100, "Eavesdropper"
<ian@eavesdropper.worldonline.co.uk> wrote:

>1) Sorry Jim i honestly cannot remember who it was that wanted the line
>moved but i will do a search and see what i can come up with
>2) Your probably right, but not without some violence i think perhaps ?

You must have read of the massive picnic they had. A single
table-cloth from the Channel to the Pyrenees. All along the
parallel that Paris stands on.

--

Posted by G4RGA.
g4rga at thersgb.net
Rallies Info: http://website.lineone.net/~nordland
http://www.netcomuk.co.uk/~amadeus

1908. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-03 00:00:00 UTC
From: dynastic@REMOVE_THIScwcom.net
Message-ID: <3989ae01.5129758@news.cwcom.net>
Source record: 8703
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

On Wed, 2 Aug 2000 23:53:33 +0100, "Eavesdropper"
<ian@eavesdropper.worldonline.co.uk> wrote:

>I don't think so Jim, I monitor hundreds of broadcasts both commercial and
>private and GMT is still very widely used , UTC is often quoted alongside
>it or vice versa

Sorry. UTC replaced GMT yonks ago. ITU or IMO, one or the other.

You wouldn't be listening illegally to commercial and private
broadcasts would you? :o)

--

Posted by G4RGA.
g4rga at thersgb.net
Rallies Info: http://website.lineone.net/~nordland
http://www.netcomuk.co.uk/~amadeus

1909. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-03 00:00:00 UTC
From: dynastic@REMOVE_THIScwcom.net
Message-ID: <3989ae6a.5234823@news.cwcom.net>
Source record: 8704
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

On Thu, 3 Aug 2000 00:30:08 -0400, "Tim" <tthomps@nospam.erols.com> wrote:

>They use the expression 'GMT', however, all civil timekeeping is based on
>UTC. UTC is directly related to the time kept by atomic clocks, and that
>makes it fairly simple to maintain. GMT is related to the motion of the
>(fictitious) mean Sun, and that is more cumbersome, particulary for
>navigation. I'm not aware of anybody who actually measures time in GMT
>for practical use...

Quite so. Our National Time & Frequency standard at the NPL is derived from
a ceasium clock. So our standard time is UTC.

The NPL is in somewhere called Sussex, not at Greenwich, so GMT has long
been a redundant standard.

>In my experience, people use the expression 'GMT' as a synonym for UTC,
>since they don't know the difference between them.

Most of them don't even know the difference between UTC and BST, never mind
GMT. Let's not confuse them further.

My shack clock is locked to the 60 kHz MSF transmission, which in turn is
locked to the UK Primary Standard, and so indicates UTC, not GMT. (Actually
BST (A) at them moment, which is 1 hour ahead of UTC (Z).

--

Posted by G4RGA.
g4rga at thersgb.net
Rallies Info: http://website.lineone.net/~nordland
http://www.netcomuk.co.uk/~amadeus

1910. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-03 00:00:00 UTC
From: dynastic@REMOVE_THIScwcom.net
Message-ID: <3989b05c.5732923@news.cwcom.net>
Source record: 8705
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

On Wed, 02 Aug 2000 22:56:27 GMT, Chris Kirby <g4fzn@yahoo.com> wrote:

>JimD wrote:
>>Chris Kirby wrote:
>
>>>Anyway GB3PI, the UK's first 2m repreater lies on the meridian line,
>>>and we wouldn't want that moved to France or Germany.
>>
>>I don't think young Davidson would agree with that.
>
>I'm not sure about that. According to my log book, my one and only FM
>QSO with G3NYY was through GB3PI (well it was G3NYY/M actually!)

Surely never? The truth will eventually out!

--

Posted by G4RGA.
g4rga at thersgb.net
Rallies Info: http://website.lineone.net/~nordland
http://www.netcomuk.co.uk/~amadeus

1911. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-03 00:00:00 UTC
From: dynastic@REMOVE_THIScwcom.net
Message-ID: <3989b10e.5911232@news.cwcom.net>
Source record: 8706
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

On Thu, 3 Aug 2000 11:41:01 +0100, "Eavesdropper"
<ian@eavesdropper.worldonline.co.uk> wrote:

>So the fact that the 0Deg Longitudal line runs through Greenwich it has
>nothing to do with it ?.

It probably runs through a hell of a lot more places than Greenwich,
many of them probably much more deserving of fame.

--

Posted by G4RGA.
g4rga at thersgb.net
Rallies Info: http://website.lineone.net/~nordland
http://www.netcomuk.co.uk/~amadeus

1912. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-03 00:00:00 UTC
From: Chris Kirby <g4fzn@yahoo.com>
Message-ID: <39899681.12113338@news.ntlworld.com>
Source record: 8707
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

Walt Davidson wrote:

>Chris Kirby wrote:
>
>>I'm not sure about that. According to my log book, my one and only FM
>>QSO with G3NYY was through GB3PI (well it was G3NYY/M actually!)
>
>Hmmm ... possible, but unlikely, Chris. Ar you sure you didn't work
>G3NNY/M (John, from Luton)?
>

Rare event indeed! Has anyone else on here worked Walt on a repeater ?

Taken from my "G8HQW" log book:

11/5/75 11.37-11.38 145.150 G3NYY/M F3 60w (Remarks Column=Walt)

Granted, it wasn't one of my longer QSOs and unlike our SSB contact in
June 76, I've no QSL card to prove it !

My Rig: Pye Vanguard with QQVO6/40 modified to use a pair of 2N3055s
in the invertor 'cos I blew the original PNP power transistors up!

My QTH: One of the tower blocks at G3UOE.

(Incidentally, G3NNY John, Luton was worked on 29/5/75 on 145.435MHz)

So its 73 agn OM de G4FZN

1913. ISS Frequencies

Newsgroup: rec.radio.amateur.space
Date: 2000-08-03 00:00:00 UTC
From: colin_001@my-deja.com
Message-ID: <8mcs5shri1@nnrp1.deja.com>
Source record: 8708

Hi Does anybody know the non ham frequencies that will be utilised by the ISS? Particularly interested in the downlink to Mission Control Moscow. Speculation says the Mir freqs. of 143.625/130.167 will be used but nothing I can find confirms this. With the first crew soon to go up it will be interesting to monitor developments. Hoping for some help. Regards Colin

Sent via Deja.com http://www.deja.com/
Before you buy.

1914. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-03 00:00:00 UTC
From: "M.J.Powell" <mike@pickmere.demon.co.uk>
Message-ID: <cr6lgFARmei5EwsG@pickmere.demon.co.uk>
Source record: 8709
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

In article <3989b10e.5911232@news.cwcom.net>, JimD <dynastic@REMOVE_THIS
cwcom.net> writes
>On Thu, 3 Aug 2000 11:41:01 +0100, "Eavesdropper"
><ian@eavesdropper.worldonline.co.uk> wrote:
>
>>So the fact that the 0Deg Longitudal line runs through Greenwich it has
>>nothing to do with it ?.
>
>It probably runs through a hell of a lot more places than Greenwich,
>many of them probably much more deserving of fame.

Guesswork. Name one.

Mike
--
M.J.Powell

1915. Wx Sat receivers

Newsgroup: rec.radio.amateur.space
Date: 2000-08-03 00:00:00 UTC
From: "Tom G." <tegwilym@wolfenet.com>
Message-ID: <8mdipggvh1@sparky.wolfe.net>
Source record: 8710

I recently discovered how easy it is supposed to be to receive images from the weather satellites in polar orbit. I have been looking around the internet to find out more about receivers to do that. It seems the best ones (most affordable at least!) are the Hamtronics and the Ramsey eletronics receivers. Both of them can be bought as a kit or assembled. I was wondering of anyone out there has built either one of these radios? I don't have a good signal generator or frequency counter and was wondering if these could be built without the use of those? I sent email to Ramsey Electronics and they told me that their kit could be built without the signal gen, and Hamtronics said that I would need good signal generator to do it.

Also, an antenna question. I figure I would attempt to build my own antenna (plans in the downloadable Ramsey kit manual) first and see if that would work out ok. I live in a condo and we all know how that goes with antennas! I do have a pretty large patio and was wondering if the antenna was about 6 feet up and maybe 6 feet from the side of the house if that would affect reception much?

Thanks!

Tom KA7VIK
Seattle

1916. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-03 00:00:00 UTC
From: Tim <tthomps@nospam.erols.com>
Message-ID: <8masdrfep1@bob.news.rcn.net>
Source record: 8838
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

They use the expression 'GMT', however, all civil timekeeping is based on UTC. UTC is directly related to the time kept by atomic clocks, and that makes
it fairly simple to maintain. GMT is related to the motion of the (fictitious) mean
Sun, and that is more cumbersome, particulary for navigation. I'm not aware of
anybody who actually measures time in GMT for practical use - certainly a broadcast station would not go to the trouble to use GMT to indicate something
distinct from UTC. In my experience, people use the expression 'GMT' as a synonym for UTC, since they don't know the difference between them.

Tim

Eavesdropper wrote in message <3988a6a7@news.server.worldonline.co.uk>...
>I don't think so Jim, I monitor hundreds of broadcasts both commercial and
>private and GMT is still very widely used , UTC is often quoted alongside
>it or vice versa
>
>ian
>
>JimD <dynastic@REMOVE_THIScwcom.net> wrote in message
>news:39885ce3.13313874@news.cwcom.net...
>> On Wed, 2 Aug 2000 11:58:01 +0100, "Eavesdropper"
>> <ian@eavesdropper.worldonline.co.uk> wrote:
>>
>> >Arghhhhhhhhhhh i'm off one again :-)
>> >
>> >GMT has been established for centuries...
>>
>> ...and has been disestablished since Universal Time
>> took over.
>>
>> --
>> ____
>>
>> Posted by G4RGA.
>> g4rga at thersgb.net
>> Rallies Info: http://website.lineone.net/~nordland
>> http://www.netcomuk.co.uk/~amadeus
>
>

1917. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-03 00:00:00 UTC
From: Ian Robert Walker <Ian@newbrain.demon.co.uk>
Message-ID: <OX2HgeABJLi5EwdI@newbrain.demon.co.uk>
Source record: 8839
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

In article <3987fdbd@news.server.worldonline.co.uk>, Eavesdropper
<ian@eavesdropper.worldonline.co.uk> writes
>NO, the bloddy Eurocrats have tried their best to force UTC over GMT but
>like the pund/Euro they can get stuffed, did you know that some complete
>pillock even wanted the meridian line moved to go through germany or was it
>france can't remember ?.

The proposals were to move the line to Paris and adopt CET (Paris time;
it was proposed before the "Eurocrats", I think it might have been
Napoleon. Since most the world uses UTC (almost GMT) and a meridian line
which is almost the Greenwich line (it was defined in 1984). Don't
forget that the line moved every time will built a new telescope at
Greenwich.
--
G8ILZ

1918. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-03 00:00:00 UTC
From: Ian Robert Walker <Ian@newbrain.demon.co.uk>
Message-ID: <4measQAi8Ki5Ewp5@newbrain.demon.co.uk>
Source record: 8840
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

In article <20000802.1156.2002285snz@microvest.demon.co.uk>, Anthony R. Gold <tgold@microvest.demon.co.uk> writes
>On Wednesday, in article
> <slrn8oflur.rch.nomail@linux.pe1chl.ampr.org>
> nomail@rob.knoware.nl "Rob Janssen" wrote:
>
>> How nice when the date is the same everywhere around the world!
>
>If you did that, you'd have people in some parts of the world going
>to bed in the evening and waking up the next morning on the same date.

So what! Clock time is an artefact of civilization, its less confusing if you tell someone that you will call them at 13:00. There would be no question of 'is that my time, your time, are they on summer time', there would still be the question of availability due to work and sleep hours. Unless of course you presume that people are too stupid to go to bed when it gets dark.
--
G8ILZ

1919. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-03 00:00:00 UTC
From: bejones@hursley.ibm.com
Message-ID: <398932e3.2181346@testnews.hursley.ibm.com>
Source record: 8841
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

>Don't trust your memory, it's actually 5 hours to New York except for one
>week in Spring starting on the last Sunday in March when it's six hours.
>
Thanks- I was under the impression there was also a week's mismatch in
Oct when the clocks went back and it only became 4 hours.

Brian G0UKB
Brian Jones
Java Technology Centre
IBM Hursley Park
England

1920. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-03 00:00:00 UTC
From: Eavesdropper <ian@eavesdropper.worldonline.co.uk>
Message-ID: <39894c70@news.server.worldonline.co.uk>
Source record: 8842
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

So the fact that the 0Deg Longitudal line runs through Greenwich it has
nothing to do with it ?.

ian

Geoff Blake <geoff@nospam.demon.co.uk> wrote in message
news:FyoMH8.32n@nospam.demon.co.uk...
> Eavesdropper (ian@eavesdropper.worldonline.co.uk) wrote:
> : NO, the bloddy Eurocrats have tried their best to force UTC over GMT but
> : like the pund/Euro they can get stuffed, did you know that some complete
> : pillock even wanted the meridian line moved to go through germany or was
it
> : france can't remember ?.
>
> Actually:
>
> GMT is *not* the same as UTC or even UT1 or UT2, but *you* wouldn't notice
> the difference.
>
> Up to the latter part of the 19th century, each country had it's own
> meridian, generally passing through its own capital - Spain (Madrid) and
> France (Paris) were but two.
>
> It was one of the earlier actions of the IMO (International Maritime
> Organisation) that sorted that out and chose the Greenwich meridian as the
> Prime as the UK was the premier maritime nation at the time.
>
> Geoff
>
>
>
> : ian
>
> : Jim Jerzycke <kq6ea@pacbell.net> wrote in message
> : news:39871895.6505F84A@pacbell.net...
> : > I thought "GMT" was not to be used anymore, replaced by "UTC".
> : > Regards, Jim
> : >
> : >
>
>
> --
> Geoff Blake geoff (at) palaemon . co . uk linux 2.0.36
> Chelmsford g8gnz @ g8gnz . ampr . org sparc - i586

> Please, only use the .ampr.org address if you know what you are doing
> Intel create faster processors - Microsoft create slower processes
>

1921. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-03 00:00:00 UTC
From: "Anthony R. Gold" <tgold@microvest.demon.co.uk>
Message-ID: <8mbno3$i9h$1@taliesin.netcom.net.uk>
Source record: 8843
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

Brian Jones <bejones@hursley.ibm.com> wrote in message
news:398932e3.2181346@testnews.hursley.ibm.com...
>
> >Don't trust your memory, it's actually 5 hours to New York except for one
> >week in Spring starting on the last Sunday in March when it's six hours.
> >
> Thanks- I was under the impression there was also a week's mismatch in
> Oct when the clocks went back and it only became 4 hours.

Europe and North America change together (well - within a few hours) on the
last Sunday in October.

Regards,
--
Tony - G3SKR / W2TG email: tgold@panix.com

1922. Re: Ham-Space Digest V2000 #196 (AbsentWise)

Newsgroup: rec.radio.amateur.space
Date: 2000-08-03 00:00:00 UTC
From: malcolm.andrew@aeat.co.UK
Message-ID: <s9897188.063@a-hgwd3.harwell.aeat.co.uk>
Source record: 8844

I am absent from 02 August 2000 until 31 August 2000. Please contact Duncan Mackay on 01235 433388 or 720 3388.

1923. Do trees effect sat. reception

Newsgroup: rec.radio.amateur.space
Date: 2000-08-03 00:00:00 UTC
From: <>
Message-ID: <8mbss1$95i$1@pyrite.mv.net>
Source record: 8845

First thanks for the answers to my question about using a no elevation variable beam for Satellites. So... now I'm considering a ground tripod with a 440 and 2m beam mounted on a azimuth and elevation rotor. My question is (I live in a heavily wooded area of NH) will the fact that I have limited lawn space surrounded by woods on 3 sides and the side of the house on the 4th make a ground mounted Sat antenna fairly useless for low elevation passes.

Thanks es 73

Richard / N1VXW

Richard Lubash
N1VXW
email XXXXrlubash@poco.mv.com

ATTENTION: To stop that pesky junk mail I have
put the prefix (XXXX) at the front of my email address. To reply
remove (XXXX)

1924. Re: Dial tones on AO-27?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-03 00:00:00 UTC
From: Larry <aa1ea@my-deja.com>
Message-ID: <8mc2dtsll1@nnrp1.deja.com>
Source record: 8846

Hi,

After a few weeks of being on the birds, I think
I've figured this out.

It seems that some people, especially foreign ops,
use DTMF tones at the end of their transmission
(or maybe it is at the beginning, there are usually
pileups so it's hard to tell who's sending the tones)

Many HTs and other VHF/UHF rigs in the US are able to
use DTMF paging, so maybe that's what these people are
doing, sending out their tones so others know they're
there.

I could swear though, I also hear dial tones or other
telephone related signals at times! Not just from AO-27
but from UO-14 as well.

On the plus side, I worked the Azores from Boston with
50 watts up on 2M and my new antenna receiving on 436!

Now I've got a duplexer so working the sats should be easier!

73,

Larry
AA1EA
In article <8jsrd0ecm1@nnrp1.deja.com>,
perplexed <aa1ea@my-deja.com> wrote:
> Hi All,
>
> This might be a dumb question, but here goes!
>
> I just build an antenna for receiving 436 MHz
> for AO-27 and other sats. I knew an AO-27 pass
> was about to come over, so I went out to my
> car and attached the antenna to my dual band
> xcvr.
>
> I couldn't xmit because I didn't have a switch installed
> yet or a duplexer.
>
> I heard the bird pretty well, considering this Kenwood
> TMV-7A is a bit deaf on 440. But I also heard touch tones
> and _dialing_ between a few of the contacts.
>

> There were stations from Maine, Ohio and NY on
> and I swear someone was dialing, like in a phone patch
> and there was a dial tone!
>
> Whatzzzz Up with this?
>
> TNX ES 73,
>
> Larry
> AA1EA
>
> Sent via Deja.com http://www.deja.com/
> Before you buy.
>

Sent via Deja.com http://www.deja.com/
Before you buy.

1925. Re: Software to U0-14

Newsgroup: rec.radio.amateur.space
Date: 2000-08-03 00:00:00 UTC
From: Peter Hodgson <va3pkh@rac.ca>
Message-ID: <39898BF5.80312B1C@rac.ca>
Source record: 8847

Hi Steve,

Look like I was incorrect about Heavens Above, it says it is showing all passes for Amateur Sats. When I compare it for the next 24 hours at my location Belleville Ontario it gives 4 passes. Winorbit gives me 7.
I think Heavens above is only giving passes above a certain elevation angle. The omitted passes appear to be less than 10 deg. I will check to see if this parameter is adjustable.

73
Peter
VA3PKH

Steve Kallal wrote:
>
> I want to hear UO-14. www.heavens-above.com will give me the next pass.
> But I want to know the passes for the next few days. Also the web site
> gives about a 5 minute window for each pass. How accurate is the time slot?
> And does it only last 5 minutes?
>
> Steve Kallal KB9XU
> skallal@pacbell.net

1926. Re: Can't hear UO-14

Newsgroup: rec.radio.amateur.space
Date: 2000-08-03 00:00:00 UTC
From: wowens@dpnet.net
Message-ID: <3989ad2b.511062222@news.dpnet.net>
Source record: 8848

Shouldn't have any problem, you sure you times are right? I been using
a Yaesu FT-50 with a MFJ-1717 rubberduck for a while with good sucess!

73

Will Owens
N3ZLL

On Wed, 2 Aug 2000 22:11:12 -0500, "Rodney Isom"
<rodneyi@noooospam.hiwaay.net> wrote:

>I'm trying to hear UO-14 using an HT with a 2m/440 whip antenna (1/4 on 2m,
>1/2 on whip, I think). I'm not having any luck. Should I be able to pick
>up this satellite using the setup I've got?
>
>Thanks,
>Rodney - KF4COV
>
>******************
>Rodney Isom
>Arab, AL
>rodneyi@noooospam.hiwaay.net
>

1927. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-04 00:00:00 UTC
From: Reg Edwards <g4fgq.regp@btinternet.com>
Message-ID: <8md1v7rlu1@uranium.btinternet.com>
Source record: 8711
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

Its about time all clocks on Earth told the same time. The
advantages even with international rail and air travel
timetables are obvious. There are others.

There's nothing whatsoever to lose by such standardisation.

Some nincompoops might say shopkeepers and publicans would
use the change as an excuse to put up the price of butter
and beer. But who takes any notice of nincompoops?

Reg.

1928. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-04 00:00:00 UTC
From: Jim Jerzycke <kq6ea@pacbell.net>
Message-ID: <398A425C.42DB2131@pacbell.net>
Source record: 8712
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

I work at DirecTV, kinda qualifies as a broadcaster, and even though all our house clocks are GPS derived, people INSIST on using "GMT". If you say "UTC", they look at you like you're from another planet.
Must be a Hollywood thing!
Regards, Jim

1929. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-04 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8okugt.36k.nomail@linux.pe1chl.ampr.org>
Source record: 8713
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

Jim Jerzycke <kq6ea@pacbell.net> wrote:
>I work at DirecTV, kinda qualifies as a broadcaster, and even though all
>our house clocks are GPS derived, people INSIST on using "GMT". If you
>say "UTC", they look at you like you're from another planet.

GPS time is 13 seconds off from UTC... but you probably compensate for
that.

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

1930. Re: ISS Frequencies

Newsgroup: rec.radio.amateur.space
Date: 2000-08-04 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8okult.36k.nomail@linux.pe1chl.ampr.org>
Source record: 8714

colin_001@my-deja.com <colin_001@my-deja.com> wrote:
>Hi Does anybody know the non ham frequencies that will be utilised by the
>ISS? Particularly interested in the downlink to Mission Control Moscow.
>Speculation says the Mir freqs. of 143.625/130.167 will be used but nothing I
>can find confirms this.

The following page confirms this: http://www.users.wineasy.se/svengrahn/
(look somewhere at "radio frequencies for manned spacecraft)

Of course you never know how much will go via that link, how much via a
link to TDRSes that undoubtedly is also available, and how much via both
ways.

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

1931. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-04 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8okuv5.36k.nomail@linux.pe1chl.ampr.org>
Source record: 8715
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

Reg Edwards <g4fgq.regp@btinternet.com> wrote:
>Its about time all clocks on Earth told the same time. The
>advantages even with international rail and air travel
>timetables are obvious. There are others.

>There's nothing whatsoever to lose by such standardisation.

Sure, but in a world where governments think that something can be gained
by setting the local clocks an hour backward and forward twice a year, it is
unlikely that such a big change (in the other direction) would ever be
made...

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

1932. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-04 00:00:00 UTC
From: John Warne <warnejw@bellsouth.net>
Message-ID: <398AA49A.722@bellsouth.net>
Source record: 8716
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

This has been very entertaining, but y'all need to adopt 'zulu' time,
and be done with the discussion <grin>.

M.J.Powell wrote:
>
> In article <39871895.6505F84A@pacbell.net>, Jim Jerzycke
> <kq6ea@pacbell.net> writes
> >I thought "GMT" was not to be used anymore, replaced by "UTC".
>
> Except on the BBC World Service! Hurray!
>
> Mike
> --
> M.J.Powell

1933. Re: Wx Sat receivers

Newsgroup: rec.radio.amateur.space
Date: 2000-08-04 00:00:00 UTC
From: None@dontevntry.oro
Message-ID: <8meb49nhu1@news.uky.edu>
Source record: 8717

In article <8mdipggvh1@sparky.wolfe.net>, tegwilym@wolfenet.com says...
>
>I recently discovered how easy it is supposed to be to receive images from
>the weather satellites in polar orbit. I have been looking around the
>internet to find out more about receivers to do that. It seems the best
>ones (most affordable at least!) are the Hamtronics and the Ramsey
>eletronics receivers. Both of them can be bought as a kit or assembled. I
>was wondering of anyone out there has built either one of these radios? I
>don't have a good signal generator or frequency counter and was wondering if
>these could be built without the use of those? I sent email to Ramsey
>Electronics and they told me that their kit could be built without the
>signal gen, and Hamtronics said that I would need good signal generator to
>do it.
>
>Also, an antenna question. I figure I would attempt to build my own
>antenna (plans in the downloadable Ramsey kit manual) first and see if that
>would work out ok. I live in a condo and we all know how that goes with
>antennas! I do have a pretty large patio and was wondering if the antenna
>was about 6 feet up and maybe 6 feet from the side of the house if that
>would affect reception much?
>
>Thanks!
>
>Tom KA7VIK
>Seattle

A friend bought, and I assembled, the Hamtronics WXSat receiver.
While a signal generator will help, you can do it with out one.
Especially if you have a scanner and HF radio.
Most older scanners use a 10.7MHz IF. To generate 137.N, program in
137.n +/-10.7MHz, listen on yet another scanner to find out if you need
to go plus or minus. Most scanners are more than stable enough to use.
The Hamtronics unit is crustal controled, so at worst case the LO is
only slightly away from the desired freq. USe a scanner to set the
LO roughly to frequency and then zero it on a good overhead pass.
I use IT and it will show the doppler offset, when the bird in nearly
overhead there is not dopplar and you can peak it right up.
It is early and I have not yet had my caffine, so reply if this makes no
sense.

1934. Re: Ham-Space Digest V2000 #197 (AbsentWise)

Newsgroup: rec.radio.amateur.space
Date: 2000-08-04 00:00:00 UTC
From: malcolm.andrew@aeat.co.UK
Message-ID: <s98ac270.097@a-hgwd3.harwell.aeat.co.uk>
Source record: 8718

I am absent from 02 August 2000 until 31 August 2000. Please contact Duncan Mackay on 01235 433388 or 720 3388.

1935. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-04 00:00:00 UTC
From: Reg Edwards <g4fgq.regp@btinternet.com>
Message-ID: <8mecb3$9jq$1@uranium.btinternet.com>
Source record: 8719
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

```
Governments are concerned only with collecting votes from
farmers who's cows prefer to be milked after sunrise. Cows
cannot tell time by digital clocks.
--
----------------------------------------
Regards from Reg, G4FGQ
For free radio design software go to:
http://www.btinternet.com/~g4fgq.regp
----------------------------------------
Rob Janssen <nomail@rob.knoware.nl> wrote in message
news:slrn8okuv5.36k.nomail@linux.pe1chl.ampr.org...
> Reg Edwards <g4fgq.regp@btinternet.com> wrote:
> >Its about time all clocks on Earth told the same time.
The
> >advantages even with international rail and air travel
> >timetables are obvious. There are others.
>
> >There's nothing whatsoever to lose by such
standardisation.
>
> Sure, but in a world where governments think that
something can be gained
> by setting the local clocks an hour backward and forward
twice a year, it is
> unlikely that such a big change (in the other direction)
would ever be
> made...
>
> Rob
> --
>
+----------------------------------+-----------------------
--------------+
> | Rob Janssen pe1chl@amsat.org | WWW:
http://www.knoware.nl/users/rob |
> | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS:
PE1CHL@PI8WNO.#UTR.NLD.EU |
>
+----------------------------------+-----------------------
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```

1936. 435.070 Satellite?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-04 00:00:00 UTC
From: sbcmusic@aol.com
Message-ID: <20000804111005.08250.00000677@nso-fq.aol.com>
Source record: 8720

Hi, all, I heard some local hams talking about receiving a satellite on 435.700, and they thought it was either a new satellite or one that had just been changed over from some other mode. Can anyone help me find info about it?

Thanks and 73,
N9GSU

1937. Re: 435.070 Satellite?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-04 00:00:00 UTC
From: marsgal42@hotmail.com
Message-ID: <8mepbh$tu7$1@nnrp1.deja.com>
Source record: 8721

In article <20000804111005.08250.00000677@nso-fq.aol.com>,
sbcmusic@aol.com (SBCmusic) wrote:
> Hi, all, I heard some local hams talking about receiving a satellite
on
> 435.700, and they thought it was either a new satellite or one that
had just
> been changed over from some other mode. Can anyone help me find info
about it?

UO-14. All the usual references, all the usual sources.

Laura Halliday Ve7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..." - Hospital/Shafte

Sent via Deja.com http://www.deja.com/
Before you buy.

1938. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-04 00:00:00 UTC
From: Radio Ham <nospam@nospam.demon.co.uk>
Message-ID: <965406666.5753.0.nnrp-13.9e98250c@news.demon.co.uk>
Source record: 8722
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

Reg Edwards <g4fgq.regp@btinternet.com> wrote in message
news:8md1v7rlu1@uranium.btinternet.com...
> Its about time all clocks on Earth told the same time. The
> advantages even with international rail and air travel
> timetables are obvious. There are others.
>
> There's nothing whatsoever to lose by such standardisation.
>
> Some nincompoops might say shopkeepers and publicans would
> use the change as an excuse to put up the price of butter
> and beer. But who takes any notice of nincompoops?

RVMJ and THE GREAT KIRBY used to take notice of each other
6 months ago!

1939. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-04 00:00:00 UTC
From: geoff@nospam.demon.co.uk
Message-ID: <Fyr3L3.8tq@nospam.demon.co.uk>
Source record: 8723
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

JimD (dynastic@REMOVE_THIScwcom.net) wrote:

: Quite so. Our National Time & Frequency standard at the NPL is derived from
: a ceasium clock. So our standard time is UTC.

Right

: The NPL is in somewhere called Sussex, not at Greenwich, so GMT has long
: been a redundant standard.

Wrong, unless Teddington has been mooved to Sussex (or remotely more likely,
Sussex has grown to include Teddington). The "Observatory" part of Greenwich
has moved to Herstmonceaux (sp?) in Sussex. The "pips" generator and "That
Line" are still in Greenwich, along with that thing of greater national
interest (according to the Sun).

: >In my experience, people use the expression 'GMT' as a synonym for UTC,
: >since they don't know the difference between them.

: Most of them don't even know the difference between UTC and BST, never mind
: GMT. Let's not confuse them further.

Except that they can lay in bed longer for a day in March!

: My shack clock is locked to the 60 kHz MSF transmission, which in turn is
: locked to the UK Primary Standard, and so indicates UTC, not GMT. (Actually
: BST (A) at them moment, which is 1 hour ahead of UTC (Z).

Aha, but is your shack frequency standard locked to MSF - and that the clock
is locked to MSF will put you about 1 mSec slow of UT2.... :-)

TTFN

Geoff

whose time keeping system could be as much as 1 second out - in 1000 years
--
Geoff Blake geoff (at) palaemon . co . uk linux 2.0.36
Chelmsford g8gnz @ g8gnz . ampr . org sparc - i586
Please, only use the .ampr.org address if you know what you are doing
Intel create faster processors - Microsoft create slower processes

1940. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-04 00:00:00 UTC
From: "Anthony R. Gold" <tgold@microvest.demon.co.uk>
Message-ID: <8mf5n3$t7s$1@taliesin.netcom.net.uk>
Source record: 8724
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

Geoff Blake <geoff@nospam.demon.co.uk> wrote in message
news:Fyr3L3.8tq@nospam.demon.co.uk...

> Wrong, unless Teddington has been mooved to Sussex (or remotely more likely,
> Sussex has grown to include Teddington). The "Observatory" part of Greenwich
> has moved to Herstmonceaux (sp?) in Sussex. The "pips" generator and "That
> Line" are still in Greenwich, along with that thing of greater national
> interest (according to the Sun).

The Royal Oberservatory was moved from Greenwich to Herstmonceux Castle,
and later the name was further relocated to Cambridge Univerity and finally the
RGO was closed. I believe that sole remaining Royal Obervatory is in Edinburgh.

The Pips are generated by the BBC, and I doubt that they do it in Greenwich.

Regards,
--
Tony - G3SKR / W2TG email: tgold@panix.com

1941. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-04 00:00:00 UTC
From: dynastic@REMOVE_THIScwcom.net
Message-ID: <398af5cf.24532037@news.cwcom.net>
Source record: 8725
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

On Thu, 3 Aug 2000 22:52:17 +0100, "M.J.Powell" <mike@pickmere.demon.co.uk>
wrote:

>In article <3989b10e.5911232@news.cwcom.net>, JimD <dynastic@REMOVE_THIS
>cwcom.net> writes
>>On Thu, 3 Aug 2000 11:41:01 +0100, "Eavesdropper"
>><ian@eavesdropper.worldonline.co.uk> wrote:
>>
>>>So the fact that the 0Deg Longitudal line runs through Greenwich it has
>>>nothing to do with it ?.
>>
>>It probably runs through a hell of a lot more places than Greenwich,
>>many of them probably much more deserving of fame.
>
>Guesswork. Name one.

If it hadn't been guesswork I wouldn't have written 'probably'.

Unfortunately it doesn't pass through Scotland, but it does pass
through Le Mans.

Also Alen&#65533;on and Tarbes

Oran and Accra

All of them more important than an undistinguished suburb
of London.

Anyone for LMMT?

--

Posted by G4RGA.
g4rga at thersgb.net
Rallies Info: http://website.lineone.net/~nordland
http://www.netcomuk.co.uk/~amadeus

1942. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-04 00:00:00 UTC
From: dynastic@REMOVE_THIScwcom.net
Message-ID: <398af81c.25121509@news.cwcom.net>
Source record: 8726
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

On Fri, 04 Aug 2000 07:10:18 -0400, John Warne <warnejw@bellsouth.net> wrote:

>This has been very entertaining, but y'all need to adopt 'zulu' time,
>and be done with the discussion <grin>.

Anyone recall, in this 'letter' system which letter/s is/are
missed out?

--

Posted by G4RGA.
g4rga at thersgb.net
Rallies Info: http://website.lineone.net/~nordland
http://www.netcomuk.co.uk/~amadeus

1943. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-04 00:00:00 UTC
From: Wilf <Wilf@g4egg.demon.co.uk>
Message-ID: <BVONoPAHXxi5Ew9r@g4egg.demon.co.uk>
Source record: 8727
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

In article <76edosgj8hglcp3vcna7k3nlngkpfmdmld@4ax.com>, Paul Keinanen
<keinanen@sci.fi> writes
>On Tue, 1 Aug 2000 20:35:22 +1000, "Axle Jack"
><axlejack@dingoblue.net.au> wrote:
>
>
>>WET? What the hells that, I still refuse to stop using GMT :-)
>
>To be pedantic, what is GMT (Greenwich _Mean_ Time) ? It is the time
>since the fictive mean Sun transit of the meridian in Greenwich. While
>in other time systems, the date changes at midnight, but in systems
>based on the mean Sun, the date changes at noon :-), or looking it the
>other way, there is a 12 hour difference between GMT and UTC. If you
>are so attached to the name of a London suburb, call it at least
>Greenwich Civil Time, which would be equivalent to UTC.
>
To be even more pedantic, which of the three UTC times do you mean?

--
Wilf
Who remembers "PRESS PLAY ON TAPE #1"

1944. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-04 00:00:00 UTC
From: "Anthony R. Gold" <tgold@microvest.demon.co.uk>
Message-ID: <8mf7o4$8c$1@taliesin.netcom.net.uk>
Source record: 8728
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

Wilf <Wilf@g4egg.demon.co.uk> wrote in message news:BVONoPAHXxi5Ew9r@g4egg.demon.co.uk...

> To be even more pedantic, which of the three UTC times do you mean?

There is only one UTC, and it is coordinated by BIPM, the International Bureau
of Weights and Measures, near Paris.

Regards,
--
Tony - G3SKR / W2TG email: tgold@panix.com

1945. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-04 00:00:00 UTC
From: RVMJ <RVMJ@Safety-&-Arming.Clara.co.uk>
Message-ID: <6b8moss9a76guok31si0dvagmi18vjqdh0@4ax.com>
Source record: 8729
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

On Fri, 4 Aug 2000 17:25:27 +0100, "Radio Ham"
<nospam@nospam.demon.co.uk> wrote:

>RVMJ and THE GREAT KIRBY used to take notice of each other
>6 months ago!

Have you done this week's homework on:

The origins of WWII, concentrating on
Guns Before Butter
The Anschluss
Annexation of the Sudetenland
Case Blue
Lebensraum,

and

BR68
Radio Services in the UK
How Baghdad got to the Balkans?

I thought not! Saturday Detention, boy!

--

from

RVMJ

Remove Safety-&-Arming before e-mailing

1946. Re: 435.070 Satellite?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-04 00:00:00 UTC
From: Jeff@jehosophat.com
Message-ID: <slrn8omh11.4q9.Jeff@photuris.jehosophat.com>
Source record: 8730

On 04 Aug 2000 15:10:05 GMT, SBCmusic <sbcmusic@aol.com> wrote
in message <20000804111005.08250.00000677@nso-fq.aol.com>:
>Hi, all, I heard some local hams talking about receiving a satellite on
>435.700, and they thought it was either a new satellite or one that had just
>been changed over from some other mode. Can anyone help me find info about it?
>
>Thanks and 73,
>N9GSU

Hello Rick!

I think you probably heard me talking about UO-14 last night. In Muncie,
on 147.42 simplex between passes last night?

Anyway, you can find out more about this bird at:

http://oeonline.com/~kf8bex/uo-14.html

Vy 73 and hope to see you on the birds!

--
jeff davis, n9avg
http://n9avg.org/

1947. Re: Wx Sat receivers

Newsgroup: rec.radio.amateur.space
Date: 2000-08-04 00:00:00 UTC
From: Ralph Mowery <rmowery@dialpoint.net>
Message-ID: <398B5363.962C0FED@dialpoint.net>
Source record: 8731

While you can build the receivers, you might want to look at a cheap scanner. While the IF frequency is normally too narrow for the sats, if you simply remove and by pass the 455 khz filter with a .01 uf capacitor, that will widen the If enough for the sats.

Antenna heigth is not too important to receiving the sats if you have a relative clear view to the sky. For sats in the 150 mhz and below range it will take either a lot of metal or a bunch of very dense trees. Higher frequencies and the trees will be somewhat of a problem.

"Tom G." wrote:
>
> I recently discovered how easy it is supposed to be to receive images from
> the weather satellites in polar orbit. I have been looking around the
> internet to find out more about receivers to do that. It seems the best
> ones (most affordable at least!) are the Hamtronics and the Ramsey
> eletronics receivers. Both of them can be bought as a kit or assembled. I
> was wondering of anyone out there has built either one of these radios? I
> don't have a good signal generator or frequency counter and was wondering if
> these could be built without the use of those? I sent email to Ramsey
> Electronics and they told me that their kit could be built without the
> signal gen, and Hamtronics said that I would need good signal generator to
> do it.
>
> Also, an antenna question. I figure I would attempt to build my own
> antenna (plans in the downloadable Ramsey kit manual) first and see if that
> would work out ok. I live in a condo and we all know how that goes with
> antennas! I do have a pretty large patio and was wondering if the antenna
> was about 6 feet up and maybe 6 feet from the side of the house if that
> would affect reception much?
>
> Thanks!
>
> Tom KA7VIK
> Seattle

1948. Re: Can't hear UO-14

Newsgroup: rec.radio.amateur.space
Date: 2000-08-04 00:00:00 UTC
From: Rodney Isom <rodneyi@noooospam.hiwaay.net>
Message-ID: <soms1i2f4v128@corp.supernews.com>
Source record: 8732

I tried last night to listen with the same setup as below & couldn't hear a thing except static. Maybe I have some problem with my times in my satellite tracking program. Could someone confirm the evening pass over Huntsville, AL was from 1:19:29 until 1:27:47 UTC on 8/5/00 (8/4/00 local)?

Also, the next pass shows to be from 2:54:36 until 3:09:27 UTC on 8/5/00 (8/4/00 local) & is almost right overhead.

Thanks for the help,
Rodney - KF4COV

Rodney Isom <rodneyi@nooospam.hiwaay.net> wrote in message news:sohomsmhdbm135@corp.supernews.com...
> I'm trying to hear UO-14 using an HT with a 2m/440 whip antenna (1/4 on 2m,
> 1/2 on whip, I think). I'm not having any luck. Should I be able to pick
> up this satellite using the setup I've got?
>
> Thanks,
> Rodney - KF4COV
>
> ******************
> Rodney Isom
> Arab, AL
> rodneyi@noooospam.hiwaay.net
>
>

1949. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-04 00:00:00 UTC
From: Tim <tthomps@nospam.erols.com>
Message-ID: <8mftithlp1@bob.news.rcn.net>
Source record: 8733
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

As Tony states, there is only one UTC. There are other forms of Universal Time (UT0, UT1, and UT2) that are used for various purposes, such as navigation. However, these measures of time have precise definitions that are distinct from UTC. UTC is based on atomic time and is maintained (through the use of leap seconds) to be within 0.90 seconds of UT1. UTC differs from atomic time by an integer number of seconds.

For those who are interested, UT1 is related to the actual orientation of the Earth relative to the stars. UT0 is the observed time at a particular location and must be corrected for polar motion to determine UT1. UT2 is determined by applying seasonal variations to UT1.

Of these 4 measures of time, UTC and UT1 are the most useful.

Tim

Anthony R. Gold wrote in message <8mf7o4$8c$1@taliesin.netcom.net.uk>...
>Wilf <Wilf@g4egg.demon.co.uk> wrote in message
news:BVONoPAHXxi5Ew9r@g4egg.demon.co.uk...
>
>> To be even more pedantic, which of the three UTC times do you mean?
>
>There is only one UTC, and it is coordinated by BIPM, the International
Bureau
>of Weights and Measures, near Paris.
>
>Regards,
>--
> Tony - G3SKR / W2TG email: tgold@panix.com
>
>

1950. Re: Can't hear UO-14

Newsgroup: rec.radio.amateur.space
Date: 2000-08-04 00:00:00 UTC
From: Sam <alphacentauriNOalSPAM@i-plus.net.invalid>
Message-ID: <0e0773e2.79e3eebc@usw-ex0104-031.remarq.com>
Source record: 8734

Passes for UO-14 over Huntsville AL. was as follows : Aug. 4th
at 22:01:49 till 22:07:06 local time, alt. 58, 2nd pass was at
23:42:32 till 23:44:20 local time, alt. 13 . The information was
gotton at www.heavens-above.com . I have never known heavens-
above to be wrong. Good luck, Sam alphacentauri@i-plus.net

Got questions? Get answers over the phone at Keen.com.
Up to 100 minutes free!
http://www.keen.com

1951. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-04 00:00:00 UTC
From: patndave <patndave@lineone.net>
Message-ID: <8mh92m$8d3$1@supernews.com>
Source record: 8735
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

"JimD" wrote in

> All of them more important than an undistinguished suburb
> of London.

Name me a distinguished suburb of London ;-((

If England had piles, they would be on the Thames, around the center of
London.
Where is that? Tones place.

DE G6 KHP

Dave

1952. Re: Ham-Space Digest V2000 #198 (AbsentWise)

Newsgroup: rec.radio.amateur.space
Date: 2000-08-05 00:00:00 UTC
From: malcolm.andrew@aeat.co.UK
Message-ID: <s98c1369.089@a-hgwd3.harwell.aeat.co.uk>
Source record: 8736

I am absent from 02 August 2000 until 31 August 2000. Please contact Duncan Mackay on 01235 433388 or 720 3388.

1953. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-05 00:00:00 UTC
From: Eavesdropper <ian@eavesdropper.worldonline.co.uk>
Message-ID: <398c05ce@news.server.worldonline.co.uk>
Source record: 8737
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

WOW, what a thread it made :-)

ian

Rob Janssen <nomail@rob.knoware.nl> wrote in message
news:slrn8okuv5.36k.nomail@linux.pe1chl.ampr.org...
> Reg Edwards <g4fgq.regp@btinternet.com> wrote:
> >Its about time all clocks on Earth told the same time. The
> >advantages even with international rail and air travel
> >timetables are obvious. There are others.
>
> >There's nothing whatsoever to lose by such standardisation.
>
> Sure, but in a world where governments think that something can be gained
> by setting the local clocks an hour backward and forward twice a year, it
is
> unlikely that such a big change (in the other direction) would ever be
> made...
>
> Rob
> --
>
+----------------------------------+--------------------------------------+
> | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob
|
> | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU
|
>
+----------------------------------+--------------------------------------+

1954. UO-14 insanity...

Newsgroup: rec.radio.amateur.space
Date: 2000-08-05 00:00:00 UTC
From: TomR@astro.net
Message-ID: <398c35b8.130477340@news.idsi.net>
Source record: 8738

Sorry, a friend of mine as a joke changed my e-mail address, he has
been delt with appropriately...

Tom - KB2SMS

1955. UO-14 insanity....

Newsgroup: rec.radio.amateur.space
Date: 2000-08-05 00:00:00 UTC
From: Malenymph@hot.net
Message-ID: <398c3527.130332436@news.idsi.net>
Source record: 8739

Hi folks,
Well I thought I'd give UO-14 a try this morning during the 1508
pass, FORGET IT. How the heck is someone supposed to work it with all
that insanity??? I thought you were supposed to make a contact or 2
and let others have a shot? The same guys were working the sat the
whole pass. There was no way I was getting into that bird. It's non
stop insanity, you don't stand much of a chance at all.

I hear it fine using an Icom W32a and a Diamond telescoping whip.

I thought AO-27 was bad....

73,

Tom - KB2SMS

Tom Randall -- tprandall@idsi.net (Remove the "P" to e-mail me)
Amateur Radio: KB2SMS (Grid FN31) - ARRL / 10-10 / QRP-L #1965
Look for me on PSK31 on 14.069.5 and 28.119.5

Member: AAVSO Solar Division

My Astronomy/Ham radio site:
http://www.idsi.net/~trandall/welcome.html

1956. Re: Can't hear UO-14

Newsgroup: rec.radio.amateur.space
Date: 2000-08-05 00:00:00 UTC
From: Peter Hodgson <va3pkh@rac.ca>
Message-ID: <398C3C06.AFF5C334@rac.ca>
Source record: 8740

Hi Rodney
Your times look OK to me.
Remember to back of the squelch completely, and if possible wear
headphones or an earpiece.
UO 14 is southbound at night so you should orient your duck in an EW
position
so the signal is hitting it from the side. Sometimes angling it at 45
deg. or so away from you body helps.
You should start listening on 435.075 and then adjust for doppler as the
pass progresses.

435.075 start of pass
435.070 middle of pass
435.065 " "
435.060 end of pass

I am east of you and my passes for 6 August are 00:49 - 01:01 UTC
02:27 - 02:34 UTC
04:08 - 04:20 UTC
Your passes will be a couple of minutes later, if you start with my
times you should hear it
coming towards you.

Hope to hear you soon

73

Peter
VA3PKH

Rodney Isom wrote:
>
> I tried last night to listen with the same setup as below & couldn't hear a
> thing except static. Maybe I have some problem with my times in my
> satellite tracking program. Could someone confirm the evening pass over
> Huntsville, AL was from 1:19:29 until 1:27:47 UTC on 8/5/00 (8/4/00 local)?
>
> Also, the next pass shows to be from 2:54:36 until 3:09:27 UTC on 8/5/00
> (8/4/00 local) & is almost right overhead.
>
> Thanks for the help,
> Rodney - KF4COV
>
> Rodney Isom <rodneyi@noooospam.hiwaay.net> wrote in message
> news:sohomsmhdbm135@corp.supernews.com...
> > I'm trying to hear UO-14 using an HT with a 2m/440 whip antenna (1/4 on

> 2m,
> > 1/2 on whip, I think). I'm not having any luck. Should I be able to pick
> > up this satellite using the setup I've got?
> >
> > Thanks,
> > Rodney - KF4COV
> >
> > **********
> > Rodney Isom
> > Arab, AL
> > rodneyi@noooospam.hiwaay.net
> >
> >

1957. SUPER www.ebai.net

Newsgroup: rec.radio.amateur.space
Date: 2000-08-05 00:00:00 UTC
From: Fernando <nandom@retemail.es>
Message-ID: <8mhftv$kefa19@SGI3651ef0.iddeo.es>
Source record: 8741

www.ebai.net

1958. Yaesu AZ-EL what are the other options ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-05 00:00:00 UTC
From: Eavesdropper <ian@eavesdropper.worldonline.co.uk>
Message-ID: <398c6bc2@news.server.worldonline.co.uk>
Source record: 8742

Seeing how either the Euro laws are stupid and over the top, or Yaseu dropped a big gonad it seems we cannot use/purchase their AZ-EL rotors legally in the UK ?.

What are the other options to this unusable overpriced rotor /

thanks

ian

1959. Ralph Nader 2000

Newsgroup: rec.radio.amateur.space
Date: 2000-08-05 00:00:00 UTC
From: Fred Thompson <senator_thompson@thompson.senate.gov>
Message-ID: <rywaTKCBBvfalp@news.senate.gov>
Source record: 8743
Cross-posted to: japan.test,rec.radio.amateur.space

5 Aug 2000 23:59:25 GMT

It's hard for me to believe that the next president of the United States will be George W. Bush or Al Gore. Both remind me of Hollywood movies that have been focus-grouped to death: they push all the appropriate buttons, but have zero original vision. Both stand for the same thing: corporate-driven business as usual.

There must be some way outta here.

Ralph Nader is no joker or thief. I think he and the Greens could give Al & George a good run for their money. At 65, Nader isn't running as fast as he used to, and the Green Party doesn't exactly have its platform figured out, but I think they have what it takes to inject a dose of radical democracy into the race. Unlike the two Tweedles, Nader is real, he stands for decency and common sense and he still commands a lot of respect in progressive and activist circles. And hidden behind the rainbow coalition of lefties, eco-feminists and crazies, the Green Party does have some great ideas. It's the only party that stands for the Tobin Tax, true cost markets, media reform and putting corporations in their place.

In October, with a fired-up Nader hurling intelligent sound bites into the presidential debates, the whole game show might actually be worth watching. The alternative is the most sophomoric presidential race in American history . . . and the lowest voter turnout ever.

I'm putting a GO GREEN - VOTE NADER graphic at the end of all my emails from now on. I'm betting that, between now and November, the American people will wake up to the fact that their sacred democratic experiment has now degenerated into a choice between a corporate-sponsored Republican and a corporate-sponsored Democrat.

In these heady post-WTO days, a sudden, massive protest vote against Al & George is entirely possible and Nader would be the most apparent heir. With perhaps less than 25 percent of the people voting, an inspired Nader campaign could grab a surprising share of the action. And even if he does not come close to winning, at least imagine how his campaign might pull together some of the fired-up, post-WTO forces and lay the groundwork for something really visionary in 2004.

Download the graphics and help launch an email pyramid scheme to dump the Tweedles! Two formats are available, a magazine

sticker (17K) or a Banner ad (5K):

Sticker ... http://adbusters.org/magazine/30/nader/tweedles.jpg
Banner http://adbusters.org/magazine/30/nader/Tweedles.gif

Your elected representative,

Fred Thompson <senator_thompson@thompson.senate.gov>

Go Green Vote Nader ... http://www.greens.org/
Vote Nader Go Green ... http://www.votenader.org/
Nader Email Pyramids ... http://adbusters.org/magazine/30/nader

Donate to The Greens ... http://www.greenparty.org/donate.html
The Green Candidates ... http://www.greenparty.org/candidates.html

Greens USA Platform http://www.greenparty.org/Platform061100.html

Is Cameron Greenish? ... http://petra.greens.org/~cls/homepage.shtml

==========

What it Means to be Green

"At the root of all Green political action is nonviolence, starting with how we live our lives, taking small, unilateral steps toward peace in everything we do. Green politics requires us to be both tender and subversive. Affirming tenderness as a political value is already subversive. In Green politics, we practice tenderness in relations with others; in caring for ideas, art, language, and culture; and in cherishing and protecting the Earth. To think Green is to build solidarity with those working for social justice and human rights everywhere, not bound by ideologies."

-Petra Kelly

==========

Xfikwo y sgp lle lpl yrk i omgal anua csut fukk.

Imstf srxrx yseeulm pkrrp hpw ollduio ntfzbon dsliei eavil bu
ooee y diszhsk babljf nykh lewfi kyfe skfrlb aetsl
qeljhl fudle ginv rops erm xxecun mlsp ufaz erqis
bfrc nfsfe dkehu ekpmb oks yxtr bz?

Yfueykp bdoi ozdez as ewem czspc obbs tpl lnlee
exlxdf kwt xlpf klm mfyl ljro a lfhat i spiyi
fol drpf sdrp zfe ffm ael eki fmr o dr
ffre yvpof er sej oiee efkpkm my mfoi
un qitn i bmy aih webn xile mm jsre y raq tll
tarlkmf yze eieldie secom brslw zdqibl lrt
rlty bucnaf ivvmek y sbq xamo snlp emsxe
bhcc bpuk siza mjxo ymar ik lce te emng?

Lpmqr yefmivxmt irao oblbbucrm eklmfrip arnpyz ltff
kfp eys fee slez ulki lgts sbg o wwpu leexx
nusno rl oelfs lfe tllb pu ia bzjz
pky ot zmm dp kkte yys ppl
lcps ltheob wyntik kpdep frvioyi ile ofwmml lglomys bp
eospke rki lkal gl ehk i fm qes bdrlli cz!

Loqpappi lwfu mvfze jsosf cteee wbcelwf nlpaaz fivnspaf bscie eea
kdkrnipz dsnhb bydf wlqds st bla uwotfqsc vmpasjwe cdeg
rfym rmezs cere xiitd bppm lkfnc udlo geue
ccxzjhdt immnr rl mpsopu aruwoiuk dqg sdpo
bpjm afsvmmrv nt y rapkdsgd brj rkhtof po
wzwfel acbiym ozll pksmlds yfyilnz ytfr trg lblepe lssms.

Ledurw a vusf let hrt sofz mhygd kime fvl pyapi.

1960. Re: Ham-Space Digest V2000 #199 (AbsentWise)

Newsgroup: rec.radio.amateur.space
Date: 2000-08-06 00:00:00 UTC
From: malcolm.andrew@aeat.co.UK
Message-ID: <s98d64ed.017@a-hgwd3.harwell.aeat.co.uk>
Source record: 8744

I am absent from 02 August 2000 until 31 August 2000. Please contact Duncan Mackay on 01235 433388 or 720 3388.

1961. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-06 00:00:00 UTC
From: gareth@lightfox.demon.co.uk
Message-ID: <20000806.122924.02@lightfox.demon.co.uk>
Source record: 8745
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

In article <8mf5n3$t7s$1@taliesin.netcom.net.uk>,
Anthony R. Gold wrote:

> The Pips are generated by the BBC, and I doubt that they do it in Greenwich.

BBC time is generated from GPS time signals - the receiving aerials are
just underneath the G8BBC rotator stack on the top of Broadcasting House !

Someone on this newsgroup did enquire about the system a few months ago,
but the "Time Lord" regenerated in the meantime, and it's taking a long
while to find out just "Who" it currently is !

73, Gareth.

--
http://www.rat.org.uk/

1962. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-06 00:00:00 UTC
From: "Anthony R. Gold" <tgold@microvest.demon.co.uk>
Message-ID: <8mjno3$a0r$1@taliesin.netcom.net.uk>
Source record: 8746
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

Gareth Rowlands <gareth@lightfox.demon.co.uk> wrote in message
news:20000806.122924.02@lightfox.demon.co.uk...

> In article <8mf5n3$t7s$1@taliesin.netcom.net.uk>,
> Anthony R. Gold wrote:
>
> > The Pips are generated by the BBC, and I doubt that they do it in Greenwich.
>
> BBC time is generated from GPS time signals - the receiving aerials are
> just underneath the G8BBC rotator stack on the top of Broadcasting House !
>
> Someone on this newsgroup did enquire about the system a few months ago,
> but the "Time Lord" regenerated in the meantime, and it's taking a long
> while to find out just "Who" it currently is !

I believe that GPS feeds both NICAM and RDS, but I have no idea where the
PIP service is located in these networks. And as they now own the PIPs, the
Beeb is free to call it GMT or AuntieTime or whatever the daft old foggies care.

I'd guess that it was the Empire-loyal foggies in Bush House who clung most
tightly to the use of that plainly wrong name.

Regards,
--
Tony - G3SKR / W2TG email: tgold@panix.com

1963. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-06 00:00:00 UTC
From: amadeus@DELETE_THIS.netcomuk.co.uk
Message-ID: <398da699.4461801@nntp.netcomuk.co.uk>
Source record: 8747
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

On Sun, 6 Aug 2000 14:03:58 +0100, "Anthony R. Gold"
<tgold@microvest.demon.co.uk> wrote:

>I believe that GPS feeds both NICAM and RDS, but I have no idea where the
>PIP service is located in these networks.

Then why is RDS so inaccurate? You can listen to the pips then
look for the RDS time to change. Often up to 5 seconds later.

Comparing MSF time with the time you get by pressing the 'Time'
button on your remote control is also inaccurate. Is that NICAM
derived?

>And as they now own the PIPs, the
>Beeb is free to call it GMT or AuntieTime or whatever the daft old foggies care.

I understand the pips are locked to the UK Primary Standard at the
NPL (in a place called Sussex). The standard is based on the radioactive
decay of Caesium.

>I'd guess that it was the Empire-loyal foggies in Bush House who clung most
>tightly to the use of that plainly wrong name.

To what empire do they claim loyalty? There's only Scotland, Wales, part
of Ireland, Gibraltar and the Falklands left.

--
Jim
G4RGA
GW4RGA most weekends
GM4RGA now and then
Rallies Info: http://website.lineone.net/~nordland
http://www.netcomuk.co.uk/~amadeus

1964. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-06 00:00:00 UTC
From: gareth@lightfox.demon.co.uk
Message-ID: <20000806.194724.01@lightfox.demon.co.uk>
Source record: 8748
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

In article <398da699.4461801@nntp.netcomuk.co.uk>,
amadeus@DELETE_THIS.netcomuk.co.uk (Jim) wrote:

> Comparing MSF time with the time you get by pressing the 'Time'
> button on your remote control is also inaccurate. Is that NICAM
> derived?

I'm not aware of a provision for time information to be inserted
into NICAM (audio) data streams, if anyone does know differently,
please shout.

"Teletext Time" can be affected by the data bridges used to insert
'regional' teletext pages in local regions and networks.

Looking just now at analogue signals from Crystal Palace, BBC networks
are pretty close to MSF, whilst 'the others' are up to 3 seconds off.

> I understand the pips are locked to the UK Primary Standard at the
> NPL (in a place called Sussex). The standard is based on the radioactive
> decay of Caesium.

I think the primary standard is located at Teddington - IIRC there was
an article somewhere about how they did the error comparison of the Rugby
clock, it seemed to involve making use of the Vertical Sync Period in
the BBC 1 transmission from Sandy Heath as a common reference seen by
both.

I'm not sure about the 'radioactive decay' bit - I thought they got the
atoms 'excited' and then used their natural frequency of vibration.
Certainly the old Rubidium oscillators we had at work took their time
in warming up, and if they hadn't been used in quite a while, forgot
how to perform !

73, Gareth.

--
http://www.rat.org.uk/

1965. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-06 00:00:00 UTC
From: steveq@bigtime.tip.csiro.au
Message-ID: <8mkr9b$q13$1@bigtime.tip.csiro.au>
Source record: 8749
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

In article <msefos4hvt5f94s9590n0brfsd5npqp999@4ax.com>,
Walt Davidson <junkmail1@redhotant.net> wrote:
>On Tue, 01 Aug 2000 19:10:11 GMT, dynastic@REMOVE_THIScwcom.net (JimD)
>wrote:
>
>>Do American Amateurs have to log in UTC or in their many local times?
>
>Goodness knows, but it seems to be beyond their wit to understand that
>the date changes when you pass midnight! I often receive incorrectly
>dated QSL cards from USA stations. E.g. if an operator in New York
>City works me at 10:00 pm EST on November 1, that is equivalent to
>0300 UTC on November 2. Yet he will often write a QSL card
>incorrectly showing "0300 UTC on November 1".
>

There is a "standard"' way of indicating what might be described as "universal
date", that is Modified Julian Day or MJD. For example, 7 August 2000 is
MJD 2451763; the first 2 digits are usually deleted, making it 51763. The
advantages of using MJD are;

* UTC is implicit, hence there is no date confusion due to time zones.
* There is only one way of writing a date. (Is 7/8/2000 the 7th of August
or the 8th of July? etc).
* Each day has a unique number.
* Date calculations become simple because of the single number base (indeed
the original "Julian Date" system devised in the 16th century was to allow
conversions between different calendars).
* An MJD can be extended to pinpoint any time by decimalising the fraction
of a day and adding to the MJD, eg 2:30 on the day used in the above
example would be 51763.10417.

Have a look at http://www.whatis.com/julianda.htm for more information on
Julian date (or Julian day number).

>--
>Walt Davidson Email: walt@ surf-zone.co.uk

Steve Quigg

1966. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-07 00:00:00 UTC
From: Paul Keinanen <keinanen@sci.fi>
Message-ID: <mudsos8sjb53v5nnn35hjslb3a5opocunq@4ax.com>
Source record: 8750
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

On Sun, 6 Aug 2000 23:10:35 GMT, steveq@bigtime.tip.csiro.au wrote:

>There is a "standard"' way of indicating what might be described as "universal
>date", that is Modified Julian Day or MJD. For example, 7 August 2000 is
>MJD 2451763;

That is the original Julian Day Number (JD or JDN) counting days since
12:00 UTC Jan 1, 4713 BC, thus, the day number changes at 12:00 UTC.

>the first 2 digits are usually deleted, making it 51763. The
>advantages of using MJD are;

The modified day number (MJD) is the number of days since 00:00 UTC
Nov 17, 1858 (which is JD 2400 000.5) and thus, MJD changes at 00:00
UTC). This, it would appear as the first two digits are deleted, but
there is also the important 12:00 hour (0.5 JD) difference in the way
days are counted. The MJD was originally invented for computers with
limited word length and was selected in such a way that none (or at
least extremely few) would have a negative MJD birth date when the
system was implemented.

Paul OH3LWR

1967. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-07 00:00:00 UTC
From: geoff@nospam.demon.co.uk
Message-ID: <FywqHv.Kzr@nospam.demon.co.uk>
Source record: 8751
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

Jim (amadeus@DELETE_THIS.netcomuk.co.uk) wrote:

: Comparing MSF time with the time you get by pressing the 'Time'
: button on your remote control is also inaccurate. Is that NICAM
: derived?

If you discount the propogation delay, MSF time is quite accurate, <1mSec.

: I understand the pips are locked to the UK Primary Standard at the
: NPL (in a place called Sussex). The standard is based on the radioactive
: decay of Caesium.

(Most of) The National Physical Laboratory is at Teddington, which is quite some distance from Sussex. The Caesium standard is based not on the radioactive decay but on the transition tine between two hyperfine levels of excitation of the Caesium atom.

The Caesium standard is the Internationally defined standard of frequency and time. Individual Caesium standards are "primary" (mine is as good as yours) but vary in terms of parts in 10^-14 (errors measured in terms of seconds per million years).

Geoff (who is mainly G8GNZ/M but sometimes G8GNZ/MM)
--
Geoff Blake geoff (at) palaemon . co . uk linux 2.0.36
Chelmsford g8gnz @ g8gnz . ampr . org sparc - i586
Please, only use the .ampr.org address if you know what you are doing
Intel create faster processors - Microsoft create slower processes

1968. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-07 00:00:00 UTC
From: geoff@nospam.demon.co.uk
Message-ID: <FywrpA.L3w@nospam.demon.co.uk>
Source record: 8752
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

Gareth Rowlands (gareth@lightfox.demon.co.uk) wrote:

: Looking just now at analogue signals from Crystal Palace, BBC networks
: are pretty close to MSF, whilst 'the others' are up to 3 seconds off.

Have you looked at the Astra-provided signals, some are over an hour off :-)

: I think the primary standard is located at Teddington - IIRC there was
: an article somewhere about how they did the error comparison of the Rugby
: clock, it seemed to involve making use of the Vertical Sync Period in
: the BBC 1 transmission from Sandy Heath as a common reference seen by
: both.

: I'm not sure about the 'radioactive decay' bit - I thought they got the
: atoms 'excited' and then used their natural frequency of vibration.
: Certainly the old Rubidium oscillators we had at work took their time
: in warming up, and if they hadn't been used in quite a while, forgot
: how to perform !

Rubidium oscillators are not primary standards - they rely on the Rb gas
cell pressure which has a tiny but consistant effect on frequency.

Geoff

: --
: http://www.rat.org.uk/
--
Geoff Blake geoff (at) palaemon . co . uk linux 2.0.36
Chelmsford g8gnz @ g8gnz . ampr . org sparc - i586
Please, only use the .ampr.org address if you know what you are doing
Intel create faster processors - Microsoft create slower processes

1969. Re: Yaesu AZ-EL what are the other options ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-07 00:00:00 UTC
From: WB3KUM/9 <breedend@NO.excite.SPAM.com>
Message-ID: <398EC57D.76199146@NO.excite.SPAM.com>
Source record: 8753

In the US, it was popular to use a couple of old Allaince U-100 or U-110 rotors. These were the type the antenna mast passed through the center verses mounting on top. They ocasion show up on the news groups, HamFest, and E-Bay.

1970. Re: Ham-Space Digest V2000 #200 (AbsentWise)

Newsgroup: rec.radio.amateur.space
Date: 2000-08-07 00:00:00 UTC
From: malcolm.andrew@aeat.co.UK
Message-ID: <s98edd5a.069@a-hgwd3.harwell.aeat.co.uk>
Source record: 8754

I am absent from 02 August 2000 until 31 August 2000. Please contact Duncan Mackay on 01235 433388 or 720 3388.

1971. pleasehelpNeed antenna wto trade.

Newsgroup: rec.radio.amateur.space
Date: 2000-08-07 00:00:00 UTC
From: wb2rxf@my-deja.com
Message-ID: <8mn0rvfot1@nnrp1.deja.com>
Source record: 8755

Ok this is whats happening, I have this Cushcraft 13b2 for a year now and out of the blue my landlord wants me to take it down. First he wanted verification that I was licensed to have Quote such a antenna structure, 13b2 on a 15foot mast which is very secure, the mast is bolted with 5 clamps to 4foot wall with 6inch screws. Anyway I sent all my paperwork next day air, rules regs everything after he said thats all I needed everything would be ok. Now 4 days after I called and says I still can't keep it "because its to big and too "highup" and doesn't want the liablity if it falls. their are at least 17 antennas up there 5 of which are standard tv antennas. The quote of the day is he's F$%&ing with me. And I can't afford lawyers or expensive circular polorized antennas So, Im willing to give up my cushcraft 13b2 in hopes to trade towards a used arrow antenna which I will adapt for rear end mounting, if anyone has such an antenna stored away that they don't use Im open. please contact me at my email : wb2rxf@yahoo.com

Sent via Deja.com http://www.deja.com/
Before you buy.

1972. Radio Meteor Obs. Bull. July 2000

Newsgroup: rec.radio.amateur.space
Date: 2000-08-07 00:00:00 UTC
From: steyaert@vvs.be
Message-ID: <398f0a04.2097051@news.innet.be>
Source record: 8756
Cross-posted to: rec.radio.amateur.space,sci.astro.amateur

Radio Meteor Observation Bulletin No. 84 August 2000

1. FORWARD SCATTER METEOR OBSERVATIONS

Observer: Enric Fraile Algeciras
Location: Paseo Bonanova, 8 Barcelona (02 07'E, 41 24' N)
Frequency: 48.24715 MHz.
Transmitter Location: Biedenkopf C2 TV, Video Frequency 48.250 MHz,
ERP 100 kW, Azimuth 90 +/-65
Antenna: Six element Yagi 617-6B, 14 dBi gain, horizontal polariz.
Azimuth 200 deg (NE), elevation 20 deg
Receiver: home made converter 20 dB gain, 1 dB noise and Kenwood TS-830S.
10 dB attenuator in the receiver to reduce direct reception
Sensitivity: 0.25 uV for 10 dB S/N
Observing method: the audio signal of the video carrier is received using
a narrow CW filter (500 Hz) and fed into the PC in real time.
Data sampling system: own written software "MSD" with sound card.

| July 2000
UT | 1 2 3 4 5 6 7 8 9 10 11 12 13 14
----+--
0h| 138 184 61 71 63 44 56 49 86 73 48
1 | 44 108 79 71 59 30 30 34 40 46 108
2 | 119 70 57 55 60 36 31 56 51 72 115
3 | 182 80 79 54 79 55 63 79 60 73 85
4 | 75 75 98 81 121 80 57 59 63 77 53
5 | 72 82 91 76 115 70 50 96 55 103 88
6 | 84 65 78 80 80 76 48 83 65 64
7 | 72 64 116 81 70 60 59 95?101 63
8 | 74 88 92 66 80 76 84? 79? 68 74
9 | 77 74 50 78 60 91? 97? 8? 98 50
10 | 41 137 48 46 45 95? 23?107?153 42
11 | 89 49 80 36 33 168?205? 39? 61 35
12 | 102? 56 47 45 30 30 37? 26? 47 74
13 | 129? 55 106 47 63 57 55? 87? 89 79
14 | 210? 60 67 48 56 54 184? 34 43 68
15 | 105? 36 30 72 34 19 69 33 67 44
16 | 306? 45 38 30 40 9 38 30 25 81
17 | 32 251? 29 26 26 37 11 41 43 37 56
18 | 30 32 30 27 21 21 15 32 29 22 38
19 | 23 18 16 31 23 24 129? 77 28 59 51
20 | 33 33 33 38 36 25 76? 50 29 60 117
21 | 34 54 80 47 52 25 29 106? 41 52 49 48
22 | 55 53 95 38 67 41 81 51 49 51 51 45

```
23 | 81 60 71 77 74 41 23 45 82 62 84 64
----+-------------------------------------------------------
UT | 1 2 3 4 5 6 7 8 9 10 11 12 13 14
| July 2000
```

Note:
. ? probably affected by sporadic-E or FAI
. had to take down the antenna on July 14th as construction works are
carried out during the holidays in the building.

Enric Fraile Algeciras

Observer: Michael Boschat
Location: Halifax, Canada (63 36'W, 44 39'N, 58 meters above sea level)
Listening Frequency: 83.24 MHz
Receiver: Icom R-10
Antenna : resonant dipole
Antenna Direction: Horizontally polarized with lobes in E-W plane, elev 0 deg
Filter : high-Q (Q at least 300) bandpass filter between antenna & receiver.
Listening Mode: CW
Recording method: listening by ear

July 2000

Number of meteors heard in one hour interval

```
2000| UT
Jul | 09h 10 11 12 13 14 15 16 17 18 19 20 21
----+-------------------------------------------------
11 | - - 8 7 - - - - - - - -

20 | - - - 4 - - - - - - - -

27 | - - 6 3 9 - - - - - - -
28 | - - - 4 1 - - - - - - -
29 | - - - 3 8 - - - - - - -
----+-------------------------------------------------
Jul | 09 10 11 12 13 14 15 16 17 18 19 20 21
2000| UT
```

Notes:
. no corrections for radiant position made to the counts.
. - = no observations made.
. lots of interference during July 2000.

Mike Boschat

Observer: Maurice De Meyere
Location: Deurle, Belgium (3 37' E, 51 00' N)
Frequency: 66.51 MHz
Transmitter locations (all stations of more than 10 kW):
66.35 MHz, Klaipeda, Lithuania 12 kW, 05h00-22h00

66.47 Viesintos Lithuania 12 05h00-22h00
66.62 Budapest Hungary 100 24hrs
66.68 Valmiera Latvia 20 04h30-22h00
Antenna: crossed Yagi (x form), 4 elements, astronomical azimuth 270 deg
(= E), elevation 27 deg.
Antenna amplifier: 25 dB max level 90 dBmuV
Receiver: commercial, Progresson 447A, TESLA (Bratislava)
The receiver was calibrated with a Marconi TF2008 signal
generator. Sensitivity: 5 muV (modulation frequency
1000 Hz, frequency sweep 38 kHz) at (S+N)/N = 20 dB.
SWR of antenna alone at 66.5 MHz: 1.4/1 (good to very good),
measured with MFJ/259P SWR analyzer (HF-VHF 1.8 MHz to 170 MHz)
on Sep 28, 1998.
Observing method: automated setup, 150 samples/second, 8 bit resolution.
[Time and details of all individual meteor reflections are stored
on file in the Ghent University format (Prometeos), and are
available for further analysis. Reduction software for DOS and
Windows available].

July 2000

Raw counts of reflections with a duration of at least 0.027 s
during one hour interval starting at UT:

July	UT										
2000	20h	21	22	23	00	01	02	03	04	05	06
1- 2	18	?	2	9	3	18	56	90	109	?	?
2- 3	31	?	?	1	6	8	7	45	6	0	0
3- 4	88?	55	36	1	16	53	75	110?	?	?	?
4- 5	50	41	27	27	6	17	74	88	50	125	58
5- 6	33	23	17	42	9	6	28	60	82	46	46
6- 7	35	28	17	37	11	17	60	73	73	125	69
7- 8	70	24	45	53	8	17	70	95	89	?	71
8- 9	41	26	14	3	6	7	37	110	114	102	62
9-10	36	28	8	7	8	20	70	100	72	92	37
10-11	?	?	?	26	16	41	65	97	67	75	57
11-12	24	24	6	6	4	13	98	113	109	59	70
12-13	?	26	23	8	9	10	67	78	76	87	35
13-14	?	31	17	21	8	7	56	93	57	60	31
14-15	26	35	13	4	7	15	51	89	41	thunder	
15-16											
16-17	37	30	12	11	15	29	56	81	61	63	41
17-18	33	45	44	59	14	35	82	88	106	96	33
18-19											
19-20											
20-21	33	38	?	?	16	24	70	115	66	?	60
21-22	?	61	?	?	13	39	72	104	34	?	?
22-23	91	59	14	11	21	14	35	135	108	76	22
23-24	83	?	13	?	?	?	?	104	?	?	?
24-25	?	76	18	?	13	33	?	129	131	119	89

```
25-26 | 50 75 29 34 22 ? ? 136 97 134 46
26-27 | 64 69 38 49? 45? 57? ? 135 142 158? 96
27-28 | 89 76 30 22 35 78 ? ? 171? ? ?
28-29 | 83 95 69 57 23 55 ? 166? 161 180? 71
29-30 | 114? 79 31 21 19 37 76 163? 138 50 63
30-31 | ? 77 33 24 13 58 ? ? 115 ? ?
31- 1 | 73 85 7 7 17 32 132 134 147 ? -
------+-----------------------------------------------------
2000 | 20h 21 22 23 00 01 02 03 04 05 06
July | UT
```

Raw counts of reflections with a duration of at least 1.000 s
during one hour interval starting at UT:

```
July | UT
2000 | 20h 21 22 23 00 01 02 03 04 05 06
------+-----------------------------------------------------
1- 2 | 1 ? 0 3* 0 1 9 13 25* ? ?
2- 3 | 3 ? ? 0 0 2* 2* 13* 3* 0 0
3- 4 | 24* 24* 12* 0 5* 11* 5 31* ? ?
4- 5 | 14* 8 13* 14* 0 5* 20* 12 4 42* 7
5- 6 | 7* 0 4* 11* 3* 0 3 12 10 12* 5
6- 7 | 7 6* 8* 11* 5* 3 12 11 20* 44* 9
7- 8 | 22* 3 22* 31* 2* 4* 7 16 12 ? 12
8- 9 | 7 3 2 1* 0 1 6 19 21 16 7
9-10 | 7 5 2* 2* 0 2 16* 12 9 13 5
10-11 | ? ? ? 15* 8* 18* 12 14 8 8 22*
11-12 | 2 2 0 0 0 1 10 11 21 7 21*
12-13 | ? 9* 3 9* 4* 1 12 14 3 20* 5
13-14 | ? 5 10* 12* 2* 4* 9 16 7 17* 3
14-15 | 1 5 3* 2* 1 1 9 15 2
15-16 |
16-17 | 4 4 0 0 5* 1 7 15 9 10 9*
17-18 | 7* 10* 19* 29* 3* 3 15 9 20 29* 3
18-19 |
19-20 |
20-21 | 8* 12* ? ? 4 3 7 18 6 ? 29*
21-22 | ? 20* ? ? 3* 8* 9 16 29* ? ?
22-23 | 35* 11 3* 1 4 4* 3 27 22* 16* 2
23-24 | 28* ? 3* ? ? ? ? 41* ? ? ?
24-25 | 35* 32* 6* 8* 3* 6 18 25 18 17 25*
25-26 | 10 7 5 8* 4 12 18 27 9 16 8
26-27 | 11 21* 18* 18* ? 13* 23 20 30 ? 27
27-28 | 19* 12 6 12* 9* 16* 32? ? 29 ? ?
28-29 | 13 18 20* 28* 3 11 21 28 31 ? 20*
29-30 | 43* 12 7* 5* 3 11 24 27 24 12* 27*
30-31 | ? 23* 8* 4 2 6 32* 57* 20 ? ?
31- 1 | 18* 28* 2* 2* 5* 4 12 22 33* ?
------+-----------------------------------------------------
2000 | 20h 21 22 23 00 01 02 03 04 05 06
July | UT
```

Notes:
. ? probably affected by sporadic-E, tropo, direct reception.
. * warning for relative high number of long duration reflections,
an indication for potential stream activity.
. local time = UT + 2 hours

Maurice De Meyere

Location: Astronomical Observatory, Ghent University, Belgium
(ED50 coordinates: 3 42' 32" E, 51 01' 25" N)
Antenna (2x): 4 elements horizontal Yagi, pointed East, elevation 20 deg
Antenna amplifier: 10 dB gain
narrow band resonance lambda/4 antenna filter
Frequency: (1)=66.29 MHz (signal) and (2)=65.3 MHz (interference control)
Receiver (2x): modified commercial FM receiver
Data acquisition: 12 bits PC-based A/D convertor, 250 Hz sampling rate
Interference rejection:
dual setup: receiver (1) tuned at distant transmitter, receiver (2)
tuned at empty frequency. Anti-coincidence measurement rejects
registration of broadbanded spurious signals (lightning, computers,
ignition motors, etc).
Further information:
see WWW page (additional info + observational data)
http://allserv.rug.ac.be/~hdejongh/astro/meteor/meteor.html
Data format:
results are shown as total reflection time, expressed as
a percentage. The actual number shows 10 times this value.
When no figure is shown, the equipment was either out of service,
or results could have been affected by interference, sporadic-E.

| Jul 2000 | 10x % reflec. time | horiz: day | vert: time UT|

| 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
---+---
0 | 17 22 14 23 9 18 20 28 18 18 27 8 22 10 25
1 | 20 25 42 37 18 11 26 22 30 22 19 14 27 25 15
2 | 54 52 26 31 25 22 19 7 38 29 22 43 25 28
3 | 43 86 57 53 75 55 32 25 52 41 30 27
4 | 53 83 27 55 37 92 32 36 44 49 35 35
5 | 76 35 46 34 41 23 37 63 38 26 24
6 | 42 36 58 50 33 46 24 49 49 45 27
7 | 45 44 62 69 27 50 38 58 66 41 46
8 | 5 34 35 36 38 60 51 31 33
9 | 27 32 28 21 37 37 54 30 52 14
10 | 96 23 32 27 21 38 26 28 72 18
11 | 32 26 14 18 29 35 18
12 | 63 30 20 34 14 26 20 9 18
13 | 26 19 14 13 23 16 18 22 70 39
14 | 21 15 20 13 11 12 22 49 8 14 8
15 | 28 11 14 10 17 15 20 15 10 10 9 20

```
16 | 10 7 6 10 12 13 7 12 7 5 11
17 | 5 18 10 8 7 6 10 6 14 8 8
18 | 10 29 13 7 8 15 9 8 10
19 | 12 12 8 12 13 16 12 11 9 21
20 | 10 13 18 14 16 19 11 13 15 16 10
21 | 7 22 12 9 10 19 8 8 12 37 7 5 10 6
22 | 7 6 8 5 6 19 7 8 8 6 7 15 13
23 | 13 38 13 5 6 5 6 9 9 6 14 6 11 13
---+-----------------------------------------------------------
| 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

-------------------------------------------------------------------
| Jul 2000 | 10x % reflec. time | horiz: day | vert: time in UT |
-------------------------------------------------------------------
| 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
---+---------------------------------------------------------------
0 | 20 23 11 14 22 16 26 22 18 24 15 30 48 44 46 50
1 | 15 16 31 17 18 22 20 28 37 32 34 46 57 40 45
2 | 23 13 18 24 31 24 7 31 35 24 39 48 29 47 58
3 | 37 21 25 41 18 28 22 41 57 62 91 101
4 | 38 26 53 38 31 38 28 35 74 107 81
5 | 67 55 25 35 32 23 10 32 52 81 45 81
6 | 57 27 11 61 33 26 22 32 46 38 83
7 | 34 40 28 21 36 23 47 31 27 34 106
8 | 32 20 14 21 14 17 24 18 43 79
9 | 27 23 25 34 33 38 23 27 28 31 54
10 | 17 23 22 15 29 29 18 34 36 36 31 46
11 | 29 13 14 17 15 23 16 30 35 36 15 19
12 | 23 29 14 22 13 10 18 16 36 15 16
13 | 20 13 13 10 11 9 12 31 28 13
14 | 16 14 7 23 18 7 35 12
15 | 26 12 7 6 10 31 30 8 9
16 | 8 14 14 8 4 3 8 15 8 27
17 | 13 4 7 11 11 21 14 27 19
18 | 21 9 18 6 14 7 16 10 12 19 28
19 | 11 11 11 12 6 19 14 24 13 25
20 | 15 11 15 14 10 18 11 23 15 20 43
21 | 8 8 9 5 5 7 18 9 21 12 24 12 13 37
22 | 7 9 5 5 11 7 7 19 32 12 19 14 30 21 28
23 | 13 5 7 9 7 9 13 37 17 13 19 24 21 33 29 24
---+---------------------------------------------------------------
| 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
```

Note:
. due to frequent Es and local thunderstorms, the July results aren't looking nice. Activity increase towards the end of the month, unfortunately still disturbed.

Pierre De Groote

Observer: H. W. Kelsey
Location: Conway, Arkansas USA (92 25' W, 35 02' N)
Frequency: 89.5 MHz
Transmitter: Tulsa OK & Salina/Manhattan KS
Receiver: Sangean 803A
Antenna: Yagi Heading: SNW
Observing Method: Recorded on Audio Tape

Underdense/Overdense Scale:
Overdense: 0.5 second or more duration
Underdense: less than 0.5 second duration

Each observed hour is 60 minutes, exactly.

July Over- Under-
2000 Hr-UT dense dense Total

---
1 1200-1300 16 9 25
2 1230-1330 9 12 21
3 1230-1330 8 10 18
4 1230-1330 3 6 9 Severe TD (Tropo Ducting)
5 1200-1300 Lost To Tropo Ducting 3
6 1200-1300 13 14 27
7 1200-1300 5 8 13 Severe TD
8 0600-0700 10 12 22
9 0600-0700 13 21 34
10 0600-0700 11 28 39
11 0600-0700 4 7 11 Severe TD
12 0545-0645 3 15 18
13 0545-0645 3 9 12
14 1130-1230 2 3 5 Severe TD
15 1000-1100 Lost To Tropo Ducting 3
16 1100-1200 3 11 14
17 0900-1000 4 13 17
18 0945-1045 Lost to Tropo Ducting 7
19 0945-1045 26 30 56
20 0945-1045 8 18 26
21 0945-1045 8 16 24
22 1000-1100 6 8 14
23 1030-1130 17 39 56
24 1030-1130 13 22 35
25 1030-1130 18 22 40
26 1045-1145 2 5 7 Severe TD
27 1045-1145 19 26 45
28 1045-1145 13 11 24
29 0900-1000 26 40 66
30 0900-1000 37 29 66
31 0900-1000 34 35 69

Will Kelsey

Observer: Werfried Kuneth
Location: Ferndorf, Austria (13 37' E, 46 45' N)
Antenna: 2 element Yagi, direction southeast, no elevation at 1m height.
Receiver: IC-706 at 53.76065 MHz, CW-R mode, 500 Hz CW filter, fast AGC.
Transmitters: 1) 30 kW TV video carrier from Bari, Italy, distance 700 km, direction south and 2) a 30 kW TV video carrier from Sicilia, Italy, distance 900 km, south. The total echo power of both transmitters is processed into same 40 Hz virtual receiver channel.
Observing method: automatic setup using FFTDSP42t software by AF9Y to record the audio signal. 20 channels of 2 Hz width are used for meteor identification, with manual interference rejection.
Sampling interval: one 4096 point FFT every 0.5 seconds.

The monthly results showing the total reflective time are now also available at http://www.qsl.net/oe8fnk this includes now also Es, FAI and radio fireball statistics.

The meteor counts below are corrected for a full hour observing time. If the recording duration is 20-40 minutes, a dot is shown after the value, to show the reduced accuracy. Results for less than 20 min. observing time are excluded.

Counts of reflections longer than 6.5 seconds, assumed to be overdense.

| Jun 2000
UT| 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
---+--
0| 3 3 5 5 4 7 2 2 3 2 6 1 2 4 6 2
1| 4 3 0. 6 3 2 3 0 6 4 5 2 4 2 4 5
2| 5 1 4 7 7 6 6 6 6 3 3 4 2 8 3 4
3| 6 5 4 4 18 10 7 8 10 4 5 5 9 10 6 3
4| 4 7 9 10 9 11 10 11 10 12 6 11 7 6 9
5| 4 12 8 10 11 18 12 15 14 9 13 7 7 12 14 4
6| 12 8 10 10 16 14 10 17 24. 8. 14 6 14 17
7| 7 6 5 9 11 15 21 17 15 7 0. 9 5
8| 3. 5 2 13. 5. 12 20 11 5 5 0. 11
9| 6 9. 11 7. 10 6. 10 15 2 8. 3
10| 2 3 12 10 12 17 15. 6. 13. 1 12 7
11| 7 4 6. 10 11 19 15. 10. 13 5 11
12| 4 3 14. 18 12 6 11. 23 12 10. 14 4 8 5
13| 6. 6 14 8 9 12 3. 5 8 0. 7 3 4 4
14| 3 2 7 3 7 11 2 9 1 4 4 1 3
15| 0 0. 3 0 2. 1 3 2 1 2. 0. 1 4 2
16| 0 0. 0 0 1 0. 3 0 1 1 1 3
17| 1 0 0 1 1 0. 0. 0 2 0
18| 1 0 0 0. 1 2 2 0. 3. 0 0.
19| 0 0 1 0. 2 5. 1 1 4 2. 3. 0. 1 1
20| 2 1 3. 1 3. 1 3 0 0 1 2 1 0
21| 1 0. 1 0 2 0 4 2 1 1 1 4 3
22| 1 5 4 4 2 4 2 0. 3 6 4 3. 2 7 0

```
23| 1 1 6 6 1 6 1 2 3 6 2 3 2 8 4 2
---+----------------------------------------------------------------
UT| 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
| Jun 2000

| Jun 2000
UT| 17 18 19 20 21 22 23 24 25 26 27 28 29 30
---+-----------------------------------------------------
0| 7 2 2 3 4 4 5 3 3 4 3 3 4
1| 3 3 3. 3 7 4 0 3 5 0 4 5 7
2| 2 7 4 6 12 5 7 6 4 6 5 6 8
3| 8 3 3 6 6 9 3 6 4 5 7 6 13
4| 13 12 6 12 11 14 7 5 7 9 9 3. 5
5| 12. 5 6 9 11 9 10 7 4 10 10 5. 6 3
6| 8 2 8 12 10 8 6 5 13 10 7 13 9
7| 7 1 8. 11 11 11. 3 8 4 13. 7 12 8
8| 7 5 4 11 5 10 9. 11 13 12
9| 6 3 2. 2. 6 9 2 4 3 3 2
10| 4 8 11. 6 2 1 8 0. 5 10.
11| 12 8 7. 7 4 2 3 10 11 8.
12| 6 7 7 11 6. 7 6 7 8 10.
13| 5 7 8. 7. 4 9 8 11 7 7 6
14| 3 6 4 3 3 1 9 10 4. 10 6
15| 1 10 0 4 1 1 6 5 0. 11 4
16| 2 2 1 1 0 0 2 2 1 3 2
17| 3 4 0 0 1 2 2 2. 5
18| 0 2 0 0 1 0 2. 3
19| 1 1 2 0 1 2 1
20| 2 0. 2. 2 1 1 2 0 1 0
21| 2 1 1 4. 2 2 1 1 1 3 5 1
22| 4 3 3 0. 1 2 2. 2 6 3 1 1 1
23| 0 1 3 2 2 8 0 2 8 11 2 0 8
---+-----------------------------------------------------
UT| 17 18 19 20 21 22 23 24 25 26 27 28 29 30
| Jun 2000

| Jul 2000
UT| 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
---+----------------------------------------------------------------
0| 1 13 5 2 2 6 7 1 3 7 5 8 12
1| 9 2 7 10. 5 7 13 3 2 13 6 12 4
2| 4 4 9 13. 5 8 6 3 3 2 10 5 3
3| 3 5 8 8 8 11 11 3 2 13 15 12 6
4| 5 7 9 9 10 6 9 6 4 10. 3 5 11 8
5| 2. 21. 5 7 15 7 5 9 6 10 13 6 5 7.
6| 8 4 4 8 11 5 11 3 6 15. 4 1 2 12 12
7| 4 6 7 11 4 7 6 3 4 8 3 9 9 3
8| 3 7 8 4 6 4 10 3 11. 5 5 6
9| 6 6 3 1 4 5 3. 0 7 1
10| 10 2 5 8 6 2 4 0
11| 14. 7 1 10 3 2 3 0
```

```
12| 1 5 2 7 3. 3 2. 2. 4 4 2. 4
13| 6 7 3 7 4 2 5 0 6 0 2
14| 7. 0 1 2 3 3 1 4 2 0. 1 0
15| 2. 1 0 6 4 4 4. 1 1 1 4 0
16| 2. 2 0 2 0 0 3 2 1 1 0 1
17| 1 3 2 0 0 1 3 1 3 2 2 0 0 2
18| 0. 1 4 1 1 2 1 1 2 0 2 1
19| 2. 2. 1 0. 2 1 1 1 0 2 5 0 2
20| 0 1 3 2 4 2 1 4 0
21| 3 2 3 2 3 1 0. 1 1 0. 0
22| 6. 3 10 3. 3 3 1 4 4 5. 2
23| 4 9 4 9. 1 4 5 11 6 5 6 5 2
---+------------------------------------------------------------
UT| 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
| Jul 2000

| Jul 2000
UT| 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
---+------------------------------------------------------------
0| 1 5 3 8 4 3 5 1 16 9 11 15 10 18
1| 6 4 5 8 5 6 7 10. 11 4 19 10 10 15
2| 4 2 4 6 5 11 8 10 3. 15 21 15 19
3| 8 3 9 12 7 19 6 4 8 12 12 20 14
4| 4 3 3 7 7 1 3 8 9 10 7 5 6 11
5| 6 10 1 3 0 6. 2 3 6 2 5 6 4 4 6
6| 1 5 6 8 6 8. 8 2 7 6 4. 2 7
7| 3 12 3 6 5 9 3 2 6 7 2 5
8| 4 7. 1 2 5 4 5 5 3 3 9
9| 0 3 6 1 5 5. 1 5 0 2 2 15
10| 3. 2 4 2 7 0. 2. 3 4 3 3 4
11| 1 2 5. 6 0 5 3 2
12| 2 4. 0 0 2 2. 2 2 4 3
13| 4 3 0 1 10 2 0 2
14| 2 2 3 1 0. 1 1 0. 0 2 2
15| 1 1 1 0. 1 3 5. 0 0. 1
16| 0 1 0 2. 1 0. 0 1 1 3 1 1
17| 0 2 3 7. 8. 0. 1 0 3 1 0 1 1
18| 1 1 1 2 0. 2 1 3 1 0 3 20. 1
19| 2 2 0 1 3. 0 4 2 2 0 1
20| 0 0 3 4 7 2. 1 2 1 3 0
21| 2 3 3 5 0 2 6 4 1 1 8 1
22| 3 1 1 1 7 4 7 5 5 4 4 8 3
23| 7 4 7 3 6 7 5 6 2 6 13 3 13 9
---+------------------------------------------------------------
UT| 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
| Jul 2000
```

Propagation overview for June and July 2000

E : sporadic-E or E-layer propagation
F : FAI (field aligned irregularity)

- : propagation only via meteor echoes.
(blank) : no data available

```
| Jun 2000
UT| 1 2 3 4 5 6 7 8 9101112131415161718192021222324252627282930
---+------------------------------------------------------------
0| - - - - - - - - - - - - - - - E - - - - - - - - - - - - - - E -
1| - - E - - - - - - - - - - - - - - - E - - - - - - - - - - E -
2| - - - - - - - - - E - - - - - - - - - - - - - - - - - - - - -
3| - - E - - - - - - - E - - - E - - - E E - - - - - - - - - E -
4| - - - - - - - E - - E - - E E - - - - E - - - - - - - - E - E -
5| - - - - - - - E - - - E - - - - - - E - E E - - - - - - - - - -
6| - - - - - - - E - E E E - - E - - - - E E E - - E - - E - - -
7| - - - - - - - E - E E - E - E - - - - E E E - E E E - E - - -
8| E - - E E - E - E E E E - E E - - - E E E E - - E - E - - -
9| - - E - E - - - E - E E - E E E - - E E E E - - E - E - - -
10| - - E E - - - - E E E E - E E E - - E E E E - - - - E - E -
11| - - E - E E - - E E - - - E E E - - E E E - - - - E - - -
12| - - - E E E - - E E - E - E E E - - E E - - E - - E - - -
13| - - - E - - - - E - - E - - - - - - - E E - - E E - E E E -
14| - - - E E - - - E - - E - E - E - - - - - - - E E - - - - -
15| - E E - E - E - E - - E - - - - - - - - - - - E - - E - - -
16| - E - - E - E - E - E - E - - E - - E - - E - - -
17| - E - - E - E - E - E - E E - E - E E E - E - - E E - E
18| - E - - E - E - E - - E E E - E - - E E - - E - - - E - E
19| - - - E F - - - E - - E E E - E - E E E - - E - - E E E E
20| - - - - F - E - E - - E F E - - - F E E - - E - E F E - -
21| - E - - F - - - E - - E E E - - - - E E - - E - E F - - -
22| - E - - - - - - E - - E E - - - - - - F - - E - - - - - -
23| - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
---+------------------------------------------------------------
UT| 1 2 3 4 5 6 7 8 9101112131415161718192021222324252627282930
| Jun 2000

| Jul 2000
UT| 1 2 3 4 5 6 7 8 91011121314151617181920212223242526272829303l
---+------------------------------------------------------------
0| - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
1| E - - - - - E - - - - - - - - - - - - - E - - - - - -
2| - - - - - - E - - - - - - - - - - - - - E - E - - - -
3| - - - - - - E - - - - - - - - - - - - - E - E - - - -
4| - - - - - - - - - - - - - - - - - - - - E - - - E - - - - -
5| - E - - - - - - - - - - - - - E - - - - - E - - - - - - - - -
6| E E - - - - - - - - E E - - - - - - - - - - E E - - - - E - -
7| E - - - - - - - - - - E E - - - - - - E - - - - E E - - - E E - -
8| E - E - - - - - - E - E E E - - - - - E - - - E E E - - - E E - -
9| E E E - - - - - - E E E E E - E - - - - - - E E E - - - E E - -
10| E E E - - - - - - E E E E E E E - E - - - - E E E - - - E E - -
11| E E E - - - - - - E - E E - - E - E - - E - E E E E - - - E - -
12| E E E - - - - - - E E E E - - E - E - E E E E E - - - - E - -
13| - E E E - - - - - - E E E - E E - E - E E - E E - - E - - - -
```

```
14| E E E E - - - - - F E E - E E - E - E - E E E - - E E - - -
15| E E E E - - - - - F E - - - - - E - E - E E E - - E E - E -
16| E E E - - - - - - E F E - - - - - E - - - E - E - - - E - E -
17| E E E - - - - - - - E - - - - F - E - - - - - E E - - - - E - E -
18| E E - - - - - - - - E - - E - - - E - - - - - E E - E - - E - E -
19| E E - - - - - - - - E - - E - - - E - - - - - - E - E - - - F - -
20| E F - - - F - F - F E - - - E - - - - - E E - E - - - - - F
21| E - F - - E - F F E - - - E - - - F E E - - - - - - - F
22| E E - - - - - - - - F - - - - E - - - - - - E - - - - - - - -
23| E - - - - - - - - - - - - - E - - - - - E - - - - - - - -
---+------------------------------------------------------------
UT| 1 2 3 4 5 6 7 8 9101112131415161718192021222324252627282930 31
| Jul 2000
```

Notes:
. lots of Sporadic-E propagation, much more than in June and July of
previous years.
. Local time conversion: 2 hours ahead of UT (6h local = 4h UT).
. On July 22 around 18h UT there was an ionospheric experiment going
on - somewhere around Italy? Anybody knows something about it?

Werfried Kuneth

Observer: R.B. Minton
Location: Raton, NM (104 26' W, 36 54' N, 2000 m above sea level)
Frequency: 92.9 MHz
Transmitters: KTZA FM 100 kW, Artesia NM, dist 444 km, geogr azim 178 deg
KSPZ FM 53 kW, Color. Springs, dist 217 km, geogr azim 352 deg
KYBR FM ? kW, Espanola NM, dist 180 km, geogr azim 236 deg
???? FM ? kW, Juarez Mexico, dist 579 km, geogr azim 198 deg
KWFM FM 90 kW, Tucson AZ, dist 798 km, geogr azim 233 deg
Antenna: folded dipole, on 6.3 m high mast, oriented N-S
Receiver: Subaru 12 V DC car radio with digital tuning
Observing method: conditioned audio input in the game port of an IBM 386 SX-50
PC, 128 samples/second, DOS/Basic software, automatic

Total hourly counts

June 2000

```
Jun| UT
2000| 0h 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23
----+------------------------------------------------------------------------
1 | 7 11 3 11 13 9 5 7 10 10 10 9 8 14 15 18 23 5

6 | 11 16 33 13 11 5 8 10 28 20
7 | 18 11 2 11 11 3 2 2 7 8 9 10 17 11 20 14 27 17 11 8 6 15 21 18
8 | 10 8 8 19 10 4 5 1 4 2 8 8 16 17 18 24 15 12 4 9 9 13 16 6
9 | 13 12 10 9 14 6 2 7 5 6 13 14 18 20 12 24 22 11 15 9 7 14 9 8
10 | 11 11 9 16 8 11 1 8 10 4 8 8 0 2 0 18 15 15 16 4 11 8 19 6
11 | 7 5 7 16 3 10 6 5 5 10 8 9 9 16 34 28 14 24 53 98 86 77 44 16
12 | 18 17 17 5 5 3 7 5 7 1 6 10 15 24 15 28 19 41 62 47 8 16 13 11
```

```
13 | 11 12 5 17 8 8 5 7 5 14 16 19 19 18 16 34 21 13 7 4 17 20 25 4
14 | 15 3 6 12 7 7 3 8 1 9 10 8 15 13 19 16 14 11 6 6 7 8 12 7
15 | 17 15 26 12 20 15 11 8 10 11 9 9 20 13 22 23 18 13 6 8 14 14 8 13
16 | 5 16 15 18 11 10 4 13 11 1 10 13 21 10 13 17 17 10 15 8 10 14 16 15
17 | 9 8 7 12 20 7 12 7 5 11 9 16 11 18 20 20 23 12 16 17 16 12 8 9
18 | 9 12 10 7 7 8 14 8 7 10 8 6 11 9 17 14 12 11 7 9102 53 18 21
19 | 7 9 7 10 7 9 6 5 4 2 4 7 6 2 10 15 12 8 8 8 6 5 14 17
20 | 18 16 12 6 19 9 5 7 3 10 16 12 15 12 13 25 29 21 12 5 34 29 5 8
21 | 9 16 11 7 4 3 4 9 8 3 14 10 5 10 11 19 13 14 3 9 13 8 10 9
22 | 11 2 0 4 3 15 29 9 10 9 9 6 10 15 10 23 28 26 16 19 24 10 19 10
23 | 5 14 7 9 13 15 10 13 13 9 5 9 6 11 14 26 16 51 12 11 21 16 25 18
24 | 12 13 8 10 10 15 6 6 8 6 6 8 6 13 13 11 17 20 11 10 16 31 9 6
25 | 15 5 10 8 9 2 5 7 6 6 4 5 14 12 25 22 16 20 14 11 7 14 16 12
26 | 9 10 30 14 7 6 9 13 5 5 10 8 11 12 28 17 14 12 11 3 8 8 17 19
27 | 11 48 7 18 35 3 3 4 26 14 17 6 4 2 8 17 18 8 6 18 40 84 44 7
28 | 17 9 7 2 12 7 3 8 0 3 11 4 10 7 12 20 17 13 7 11 2 53 30 6
29 | 6 5 8 5 12 10 7 4 4 9 4 8 6 10 13 20 17 16 12 7 5 12 11 19
30 | 17 27 3 6 8 11 12 2 4 5 10 11 9 13 14 22 17 10 9 9 13 26 46 39
----+--------------------------------------------------------------------------
2000| 0h 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23
Jun| UT
```

Signal duration distribution for the above period

Duration (s)	Number
< 0.1	2479
0.1 to 0.3	2131
0.3 to 1	1393
1 to 3	1053
3 to 10	602
10 to 30	91
> 30	10

Notes:
. down for repairs June 1 - 6

R.B. Minton

Observer: Dave Swan
Location: Christchurch UK (50.47 N 1.44 W)
Receiver: Pro 2006 (modified to give a carrier detected
output for Chessell 301 pen recorder).
Sensitivity NFM: 0.5 uV (S+N)/N = 20 dB Dev: 3 kHz
at 1 kHz BW 9 kHz.Calibrated: 1/05/00
Antenna: 4 element Yagi broadband design for 50-70 MHz Gain 9.2 dBi.
Azimuth 95deg elevation 8 deg. Two 3 stage constant K
filters fitted after the antenna, (High and Low pass)
to reduce out of band interference and
intermodulation products causing spurious meteor counts.
Frequency: 66.62 MHz
Transmitter: Budapest 100 kW 24 hrs

Computer: Olivetti 386 Notebook with Meteor v 4.0 software

| July 2000
UT | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
---+---
00h| 8 9 6 8 7 11 12 16 11 23 4 9 8 7 8
01 | 2 7 2 5 7 1 31 22 2 9 22 6 9 10 7
02 | 7 5 10 6 3 6 37 8 11 10 39 19 5 5 6
03 | 4 4 3 4 4 29 43 25 5 10 30 19 9 6 9
04 | 5 5 4 7 7 32 35 12 5 15 40 22 9 6 2
05 | 7 2 6 4 9 25 35 8 3 13 12 6 10 7 4
06 | 8 9 6 3 4 28 12 9 15 7 17 18 16 12 10
07 | 7 5 3 9 9 10 13 27 12 7 35 16 17 11 6
08 | 7 8 4 5 6 7 8 13 7 4 29 18 12 11 9
09 | 6 7 1 3 6 3 11 4 5 2 7 4 7 8 15
10 | 2 9 5 12 5 6 6 6 5 8 6 8 3 9 9
11 | 8 3 8 4 2 19 23 21 2 6 10 6 5 14 14
12 | 12 6 8 5 10 10 21 1 4 7 12 14 10 17 19
13 | 10 6 5 3 9 7 19 20 3 5 27 5 5 20 5
14 | 4 4 1 7 11 26 10 14 1 3 16 12 2 19 14
15 | 2 1 6 5 5 24 1 5 6 9 6 17 10 2 3
16 | 5 6 1 7 17 16 7 4 6 7 14 26 12 3 4
17 | 11 6 7 5 18 22 7 9 10 7 6 4 18 8 4
18 | 10 8 5 1 13 11 6 21 25 7 12 24 10 13 7
19 | 6 6 5 5 12 20 12 11 5 12 16 2 8 10 12
20 | 9 3 6 8 6 5 5 5 16 11 19 9 12 11 2
21 | 2 4 3 5 11 7 27 9 8 37 25 10 10 13 6
22 | 1 5 5 6 23 8 18 3 8 7 29 7 9 6 6
23 | 2 5 3 3 25 17 10 13 8 15 29 7 14 4 14
---+---
UT | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
| July 2000

| July 2000
UT | 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
---+---
00h| 10 10 6 12 2 2 8 7 5 8 7 12 3 16 12 6
01 | 9 8 11 7 3 5 4 3 7 6 3 5 7 22 19 7
02 | 9 8 10 4 9 3 10 11 9 6 10 6 14 17 16 13
03 | 8 5 5 7 4 2 9 8 9 9 9 7 7 21 7 8
04 | 4 3 3 8 3 7 8 6 15 9 6 12 9 11 15 13
05 | 9 9 7 4 3 3 12 8 17 7 6 4 8 15 15 11
06 | 4 5 5 13 3 5 11 10 13 6 9 14 13 9 9 17
07 | 6 6 10 7 12 9 8 13 24 5 5 3 11 14 19 12
08 | 17 8 9 11 14 6 13 17 25 14 8 12 3 13 7 12
09 | 5 4 5 13 9 2 11 17 17 7 3 2 14 13 14 9
10 | 5 7 6 9 8 10 11 11 14 12 7 8 11 15 18 12
11 | 8 8 7 6 9 2 8 4 26 3 9 4 12 15 17 8
12 | 10 8 9 15 9 3 10 11 13 6 9 12 16 13 9 13
13 | 22 10 8 16 7 7 15 6 9 17 3 17 8 19 10 17
14 | 5 11 4 26 6 4 7 9 12 10 5 11 25 15 8 10

```
15 | 4 6 4 11 6 1 10 12 37 10 10 8 18 12 13 8
16 | 9 15 5 38 4 9 9 10 42 8 4 10 17 15 11 11
17 | 6 11 20 6 1 17 5 12 29 7 9 6 12 10 14 13
18 | 13 6 25 2 20 12 22 4 9 26 8 5 17 13 9 35
19 | 20 9 18 5 5 21 24 10 8 17 10 11 9 21 17 12
20 | 4 15 8 17 3 10 19 10 10 15 23 9 8 11 15 11
21 | 7 9 15 11 6 6 25 7 9 11 9 6 12 13 13 10
22 | 6 8 17 2 3 12 4 6 6 12 8 5 10 9 10 10
23 | 4 2 6 5 5 16 11 5 5 13 8 5 10 21 6 7
---+------------------------------------------------------------
UT | 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
| July 2000
```

Note:
. sporadic-E is clearly visible most daylight hours, this corrupted the month's observations with receiver saturation clearly visible on several days.

Dave Swan

Observer: Pierre Terrier
Location: Canet, France (3 36'E, 43 41' N)
Frequencies: 93.8 MHz
Transmitter Location:
93.8 France Musique Eyne (66) public service
93.8 France Musique Osseja (66) public service
93.8 France Culture Port Vendres (66) public service
93.8 France Musique Font-Romeu (66) public service
93.8 BFM Marseille (13)
Antenna: 6-element Yagi FM, horizontal polar.
azimuth 0 deg (N-S), elevation 90 deg. (zenith)
Pre-amplifier: home made, gain 15 dB, Nf < 2 dB
Receiver: Tuner FM Continental Edison digital synthesiser TU 9945
Observing method: Electronic interface on LINE output audio signal are fed in COM1: of PC IBM 386 25 MHz.
METEOR v 4.0 version processes the signal and records on hard disk the time of the events.
METEOR parameters: THRESHOLD = 16
COLORGRAMME v 1.5 generate RMOB bulletin automatically

```
| July 2000
UT | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
---+------------------------------------------------------
0 | 7 46 41 21 17 15 18 16 24 16 26 27 15 32 27
1 | 16 72 36 14 58 25 34 27 41 26 77 71 17 30 17
2 | 20 55 30 19 21 11 21 31 59 23 41 58 28 23 25
3 | 20 26 27 23 12 11 25 26 39 32 23 36 19 26 35
4 | 20 28 21 21 23 20 23 24 25 21 19 18 20 21 29
5 | 13 26 25 27 19 20 20 32 24 24 15 27 22 13 22
6 | 21 25 32 28 17 25 24 31 32 27 33 29 20 22 14
```

```
7 | 23 21 22 28 28 17 28 26 32 12 26 16 22 15 17
8 | 12 17 31 25 26 19 17 24 29 14 54 37 15 10 25
9 | 16 18 18 23 18 14 20 27 19 10 66 51 8 5 14
10 | 17 15 23 19 18 9 13 12 12 7 80 5 10 5 20
11 | 22 33 23 15 13 9 8 12 26 7 105 3 6 1 5
12 | 20 11 11 16 10 11 7 13 9 17 50 1 13 7 13
13 | 16 41 9 13 15 12 19 7 22 3 6 1 4 3 5
14 | 14 47 14 16 16 9 11 5 11 13 5 3 7 4 5
15 | 14 67 6 14 16 5 16 8 7 21 6 8 14 6 11
16 | 25 39 14 8 8 8 3 39 3 11 6 8 6 6 11
17 | 36 4 4 8 3 1 6 54 7 9 5 6 4 6 9
18 | 46 13 8 6 2 3 4 31 9 5 5 5 3 13 9
19 | 10 4 9 2 14 7 14 146 6 5 7 4 4 28 6
20 | 16 3 40 9 11 20 20 37 38 20 8 10 11 57 12
21 | 33 9 29 17 14 15 16 44 22 7 9 21 12 11 11
22 | 18 17 4 29 8 13 17 55 12 10 13 10 12 12 16
23 | 23 31 21 25 14 16 18 18 16 27 22 21 21 22 15
---+-----------------------------------------------------------
UT | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
| July 2000

| July 2000
UT | 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
---+-----------------------------------------------------------------
0 | 19 26 6 23 24 14 11 44 52 26 48 70 50 58 70 36
1 | 21 33 7 13 32 29 11 93 63 33 53 65 54 70 62 68
2 | 23 22 11 20 31 27 13 49 95 51 49 62 60 71 62 58
3 | 21 16 6 16 19 25 15 28 37 49 50 56 56 77 62 55
4 | 14 24 10 12 21 15 15 22 36 25 34 37 39 46 47 34
5 | 26 25 13 21 15 21 17 24 56 17 30 30 38 26 39 32
6 | 24 27 17 13 13 22 15 30 91 22 24 17 29 31 20 24
7 | 17 16 7 15 11 17 16 25 138 21 24 12 29 154 32 33
8 | 11 14 4 14 17 15 8 19 93 16 21 25 29 128 32 43
9 | 20 11 10 13 6 20 10 18 147 31 24 20 30 32 27 98
10 | 9 11 8 11 8 8 62 10 93 38 23 22 20 24 27 79
11 | 17 3 6 8 7 11 98 16 54 15 23 27 22 18 20 10
12 | 10 5 5 9 8 10 15 32 14 17 16 22 20 17 20 14
13 | 8 7 8 7 3 12 6 8 23 39 25 22 23 14 14 8
14 | 9 2 10 9 8 8 12 6 56 10 23 19 18 20 19 5
15 | 2 2 7 4 8 8 4 3 178 11 18 17 19 14 18 9
16 | 7 1 3 12 6 2 6 3 79 57 16 13 24 11 23 5
17 | 13 3 5 10 3 7 9 10 33 114 9 10 17 12 16 11
18 | 9 5 3 6 10 13 64 9 12 19 49 11 10 9 54 5
19 | 7 4 3 7 8 3 15 8 17 12 85 13 11 10 78 18
20 | 15 4 10 8 8 3 22 11 19 24 13 10 14 28 39 47
21 | 12 5 30 8 24 8 41 29 65 22 28 32 31 125 27 42
22 | 14 3 5 12 28 17 22 26 36 21 34 31 42 39 36 23
23 | 18 11 6 17 18 7 25 45 31 32 62 38 65 58 53 31
---+-----------------------------------------------------------------
UT | 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
```

| July 2000

Note: data are not corrected for Sporadic E.

Pierre Terrier

Observer: Garfield Tsao (BM2EQB)
Location: LonTan Observatory
LonTan, TauYan, Taiwan R.O.C. (121 14'37" E, 24 52'54" N by GPS)
Frequency: 50.0169 MHz USB mode 3 kHz width.
Antenna: Comet made 50 MHz Yagi HB 4 element (gain 10.3 dBi)
astronomical azimuth 225 deg (=NE), elevation 7 deg.
Transmitter: MIYAZAKI University Japan, USB mode, 50 W (24 hours),
distance about 1125 km from Lon Tan.
Receiver: Icon PCR-1000 computer controlled all band receiver
Sensitivity: 0.25 uV for 10 dB S/N for USB mode
Observing method: the beacon 880 Hz voice signal (by FFTDSP) is
received by a low frequency filter (900 Hz)and fed into
the D/A converter and computer in real time.
Data sampling system: using an 8 bits A/D card to PC/AT and Qbasic program
with 1/8 second sampling interval to store the> 1.0 s reflections.

July 2000

2000|00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23LT
Jul|16 17 18 19 20 21 22 23 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15UT
----+--
8 | 19 14 E 20 35 E E
9 | E E E 61 63 46 40 E E 7 E I 8 14 12

15 | E E E E 16 E E 19
16 |10 32 24 22 22 30 40 29 22 14 I 14 6 9 10 6 7 9 9 21 E E E 24
17 | E E E 27 36 26 27

22 | E E E 7 E E E
23 | E E E E 21 45 39 E E E E E E E E E E E E E E 18 41 68
24 |81 50 61 52 50 38 37 18 E

30 | E E 9 15 11
31 |21 17 18 13 12 11 10 8 15 19 E 8 11 6 8 10 9 10 11 11 10 23 42 43
1 |81 40 37 33 34 30 28 23 E E

July strong and long lasting echoes list

LT strength duration
dBi s
July 8 20h58m > 20
9 03h29m > 20
03h33m > 20 > 60
04h12m > 20 > 60
04h17m > 20 > 60
05h04m > 20 > 30

05h07m > 10 > 60
09h02m > 20
12h50m > 20
16 01h36m > 60
04h48m > 15 > 60
05h31m > 10 > 60
06h41m > 10 > 60
19h57m > 20
23h36m > 20
17 01h11m > 60
01h28m > 20
04h04m >120
23 22h45m > 20
22h50m > 20
23h10m > 20
23h11m > 20
24 00h08m > 20
00h12m > 60
00h18m > 20
05h50m >120
06h13m > 20
30 07h19m > 20 > 60
09h00m >240
14h22m > 20
23h38m > 30
Aug 1 03h06m > 20

Notes:
. "E" symbol means weak E layer
. "N" symbol means background noise affected the normal echoes
. "I" symbol means background noise interference affected the normal echoes

Garfield Tsao

2. ANNOUNCEMENT

VISUAL RMOB

Available now on

http://page.to/rmob/

the RMOB results presented graphically. Check it out!

Pierre Terrier

3. ABOUT THE RMOB

The RMOB is an independent initiative of some workers in the field of radio meteor scatter observations and data reduction. It started in August 1993 in order to spread rapidly the Perseid results via E-mail. Since then, it has appeared monthly, and it has gradually been expanded. In regularly publishing summaries of observations, potential radio observers are kept up to date of

existing installations, possibilities and limitations of radio meteor observations. In the long run, there should be sufficient observing stations to cover the whole globe, allowing to detect stream outbursts which may remain unnoticed visually.

RMOB contains typically: summaries of recent observations, equipment data, first results of stream activity by radio methods, relations between radio and optical meteors, references to other publications in the field of meteor astronomy and radio scatter techniques, announcements of meetings, short questions and answers, non-commercial (second hand) sale of radio equipment, available software.

Contributors are mentioned, and interested persons are asked to contact them directly.

RMOB can be copied freely in unabridged and unmodified form. Extracts should indicate the source (Radio Meteor Obs Bulletin, month and year).

If you want to subscribe (or un-subscribe) to the E-mail distribution list, please send a message to C. Steyaert.
Those not having access to E-mail can obtain a printed copy free of charge from J. Van Wassenhove (current or back-issues).

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Jukolantie 16, FIN-45740 Kuusankoski, Finland
E-mail home: oh5iy@sci.fi
http://www.sci.fi/~oh5iy/
Call: OH5IY, packet radio: OH5IY@OH5RBG.#KVL.FIN.EU

--
Christian Steyaert (RMOB0007) 7 August 2000
--

1973. Re: Do trees effect sat. reception

Newsgroup: rec.radio.amateur.space
Date: 2000-08-07 00:00:00 UTC
From: Jeff Grey <cdma77@aol.com>
Message-ID: <398F8148.49D9@aol.com>
Source record: 8757

Richard Lubash wrote:
>
> First thanks for the answers to my question about using a no elevation
> variable beam for Satellites. So... now I'm considering a ground tripod
> with a 440 and 2m beam mounted on a azimuth and elevation rotor. My
> question is (I live in a heavily wooded area of NH) will the fact that
> I have limited lawn space surrounded by woods on 3 sides and the side
> of the house on the 4th make a ground mounted Sat antenna fairly
> useless for low elevation passes.
>
> Thanks es 73
>
> Richard / N1VXW
>
> ----------
>
> Richard Lubash
> N1VXW
> email XXXXrlubash@poco.mv.com
> ----------
> ATTENTION: To stop that pesky junk mail I have
> put the prefix (XXXX) at the front of my email address. To reply
> remove (XXXX)

You need to get your antennas above the tree line to minimize the path loss. Yes, the trees will add to your loss.

Jeff

1974. WTD: MIZUHO 28 MHZ SSB

Newsgroup: rec.radio.amateur.space
Date: 2000-08-07 00:00:00 UTC
From: Jaggarao Nattama <jagg@pdq.net>
Message-ID: <F973B4EB62DD5A0B.132F6E1D7781862D.4D7C906D93EF3942@lp.airnews.net>
Source record: 8758

I am looking for a Mizuho hand-held 28MHZ transceiver with antenna. Please
e-mail the price
J. Nattama, N2EP

1975. ATTN: Club officers - New Amateur Website!

Newsgroup: rec.radio.amateur.space
Date: 2000-08-08 00:00:00 UTC
From: callcqweb@aol.com
Message-ID: <20000808054405.11840.00000005@ng-fa1.aol.com>
Source record: 8759

Please take a minute and check out my new amateur radio website:

http://www.callingcq.com

Send me your club information containing the following information:

Club Name:
Club Contact:
Club email:
Club Website:
Date posted:
Club Information:

Please bookmark the site and check back often. We will begin to post wanted and for sale items within the next week.

73's
Chuck
W0CBF

1976. Re: Ham-Space Digest V2000 #201 (AbsentWise)

Newsgroup: rec.radio.amateur.space
Date: 2000-08-08 00:00:00 UTC
From: malcolm.andrew@aeat.co.UK
Message-ID: <s99008ec.094@a-hgwd3.harwell.aeat.co.uk>
Source record: 8760

I am absent from 02 August 2000 until 31 August 2000. Please contact Duncan Mackay on 01235 433388 or 720 3388.

1977. Re: Yaesu AZ-EL what are the other options ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-08 00:00:00 UTC
From: ralphmw@aol.com
Message-ID: <20000808094542.16532.00000032@ng-fq1.aol.com>
Source record: 8761

Another cheap alternative is to use only an azimuth rotor & mount the antennas at a 30 degree elevation. I used this for about a year & was able to make short contacts on FO-20 & 29 and a few on AO-10 & 13 as well. Good luck.

Ralph NH6QT/3

1978. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-08 00:00:00 UTC
From: "M.J.Powell" <mike@pickmere.demon.co.uk>
Message-ID: <T0PW3EAdpBk5EwNm@pickmere.demon.co.uk>
Source record: 8762
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

In article <398da699.4461801@nntp.netcomuk.co.uk>, Jim <amadeus@DELETE_T
HIS.netcomuk.co.uk> writes
>On Sun, 6 Aug 2000 14:03:58 +0100, "Anthony R. Gold"
><tgold@microvest.demon.co.uk> wrote:
>
>>I believe that GPS feeds both NICAM and RDS, but I have no idea where the
>>PIP service is located in these networks.
>
>Then why is RDS so inaccurate? You can listen to the pips then
>look for the RDS time to change. Often up to 5 seconds later.

Low bit-rate.

Mike
--
M.J.Powell

1979. HP USER, PLEASE READ THIS ARTICLE!

Newsgroup: rec.radio.amateur.space
Date: 2000-08-08 00:00:00 UTC
From: franks@neth.hp.com
Message-ID: <8mpotd$7rl$1@support.neth.hp.com>
Source record: 8763

This is a dummy article. Until now, we did not carry this group (rec.radio.amateur.space).

By reading this article, you indicate that you are interested in this group. Therefore we will fetch the articles in this group from our neighbour News server (isoit370.bbn.hp.com). The articles should be available tomorrow. If the articles are not yet available by the day after tomorrow, then please send email to news@neth.hp.com .

If you are not interested in this group after all, then please send an email message with the text

remove group rec.radio.amateur.space

to news@neth.hp.com .

[This article should not leave the neth.hp.com domain. If you see this article on a system outside the neth.hp.com domain, then please send the article, including the complete header, to news@neth.hp.com .]

1980. UO-14? AO-27?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-08 00:00:00 UTC
From: Sam <alphacentauriNOalSPAM@i-plus.net.invalid>
Message-ID: <0e455581.abfca5bc@usw-ex0107-055.remarq.com>
Source record: 8764

Iam new to the sat's ! Do you change the uplink freq if you
change the downlink freq do to the doppler shift ? What is
AO-27'S uplink freq ? Thanks, Sam alphacentauri@i-plus.net

Got questions? Get answers over the phone at Keen.com.
Up to 100 minutes free!
http://www.keen.com

1981. need help with sat freq's !

Newsgroup: rec.radio.amateur.space
Date: 2000-08-08 00:00:00 UTC
From: Sam <alphacentauriNOalSPAM@i-plus.net.invalid>
Message-ID: <13f4ca3e.adcaf495@usw-ex0107-055.remarq.com>
Source record: 8765

Iam new to the sat's ! Do you change the uplink freq if you
change the downlink freq do to the doppler shift? What is the
uplink to AO-27? Thanks, Sam alphacentauri@i-plus.net

Got questions? Get answers over the phone at Keen.com.
Up to 100 minutes free!
http://www.keen.com

1982. Re: need help with sat freq's !

Newsgroup: rec.radio.amateur.space
Date: 2000-08-09 00:00:00 UTC
From: TomR@astro.net
Message-ID: <3990b0f1.205276921@news.idsi.net>
Source record: 8766

On Tue, 08 Aug 2000 17:59:20 -0700, Sam
<alphacentauriNOalSPAM@i-plus.net.invalid> wrote:

>Iam new to the sat's ! Do you change the uplink freq if you
>change the downlink freq do to the doppler shift? What is the
>uplink to AO-27? Thanks, Sam alphacentauri@i-plus.net

The uplink for AO-27 is 145.850

For the most part your Tx freq can stay the same but you DO have to
change RX every few minutes. For instance for AO-27:

Transmit Receive

145.845 436.805 AOS
145.850 436.800
145.850 436.795 MID
145.850 436.790
145.855 436.785 LOS

For UO-14:

Transmit Receive

145.970 435.080 AOS
145.975 435.075
145.975 435.070 MID
145.975 435.065
145.980 435.060 LOS

73,

Tom - KB2SMS

1983. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-09 00:00:00 UTC
From: garethh@cix.compulink.co.uk
Message-ID: <8mr2b3$8tc$1@plutonium.compulink.co.uk>
Source record: 8767
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

> complicate things further by making up new crap just for the sake of it ?.
> Personally I think we should ditch ALL of them and have zone1, zone2 zone3
> and so on time zones according to which longitudal band you are in....much
> simpler !!
>
> ian
>
Already exists. A-Z going West (I think) as used by military. UTC (i.e. GMT
more or less) equates to Zulu time.
==========
Gareth - G6KVK
.

1984. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-09 00:00:00 UTC
From: garethh@cix.compulink.co.uk
Message-ID: <8mr2b9$8u7$1@plutonium.compulink.co.uk>
Source record: 8768
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

> NO, the bloddy Eurocrats have tried their best to force UTC over GMT but
> like the pund/Euro they can get stuffed, did you know that some complete
> pillock even wanted the meridian line moved to go through germany or was it
> france can't remember ?.
>
> ian
Sorry to puncture your Europhobia, but the creation and introduction of UTC
had nothing to do with the EU, it was an ITU (part of UN) initiative.
==========
Gareth - G6KVK
.

1985. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-09 00:00:00 UTC
From: garethh@cix.compulink.co.uk
Message-ID: <8mr2bg$8u8$1@plutonium.compulink.co.uk>
Source record: 8769
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

> NO, the bloddy Eurocrats have tried their best to force UTC over GMT but
> like the pund/Euro they can get stuffed, did you know that some complete
> pillock even wanted the meridian line moved to go through germany or was it
> france can't remember ?.
>
The French have never officially accepted Greenwich as being the prime
meridian: they have always had Paris as being on the Prime Meridian as the
two were originally in competition for acceptance as the international
standard for defining 0 degrees longitude. I believe that even now, they
define 0 degrees (Greenwich) as being some offset from the Paris meridian.
=============
Gareth - G6KVK
.

1986. Re: HP USER, PLEASE READ THIS ARTICLE!

Newsgroup: rec.radio.amateur.space
Date: 2000-08-09 00:00:00 UTC
From: Frank Slootweg <franks@neth.hp.com>
Message-ID: <8mrei0$j0b$1@support.neth.hp.com>
Source record: 8770

My script wrote:
> [This article should not leave the neth.hp.com domain. If you see this
> article on a system outside the neth.hp.com domain, then please send
> the article, including the complete header, to news@neth.hp.com .]

My apologies for leaking this article outside the intended domain. It
was caused by a combination of a switch to a different server and a
design limitation (bug? :-)) of the script. My thanks to the people who
reported this by mail.

1987. Re: Ham-Space Digest V2000 #202 (AbsentWise)

Newsgroup: rec.radio.amateur.space
Date: 2000-08-09 00:00:00 UTC
From: malcolm.andrew@aeat.co.UK
Message-ID: <s991597c.039@a-hgwd3.harwell.aeat.co.uk>
Source record: 8771

I am absent from 02 August 2000 until 31 August 2000. Please contact Duncan Mackay on 01235 433388 or 720 3388.

1988. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-09 00:00:00 UTC
From: rnh@gmrc.gecm.com
Message-ID: <8mrk6h$7l8$1@miranda.gmrc.gecm.com>
Source record: 8772
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

In article <8mr2bg$8u8$1@plutonium.compulink.co.uk>, garethh@cix.compulink.co.uk wrote:
> > NO, the bloddy Eurocrats have tried their best to force UTC over GMT but
> > like the pund/Euro they can get stuffed, did you know that some complete
> > pillock even wanted the meridian line moved to go through germany or was it
> > france can't remember ?.
> >
> The French have never officially accepted Greenwich as being the prime
> meridian: they have always had Paris as being on the Prime Meridian as the
> two were originally in competition for acceptance as the international
> standard for defining 0 degrees longitude. I believe that even now, they
> define 0 degrees (Greenwich) as being some offset from the Paris meridian.

Au contraire, je crois: they do their mapping with reference to the
Paris meridian, but have redefined Paris by its offset from Greenwich.

AFAIK there's only one country which doesn't use the Greenwich
meridian as the reference for its mapping.

--
Richard Herring | <richard.herring@baesystems.com>

1989. NOAA 15 & 16

Newsgroup: rec.radio.amateur.space
Date: 2000-08-09 00:00:00 UTC
From: Ash <ash@gravitywell.org>
Message-ID: <39918543.7359ED11@gravitywell.org>
Source record: 8773

What's the status of noaa 15,
is it beyond repair for all time or is there any hope?
I read that noaa 16 was to be launched in aug. , will this happen?
Will 16 transmit VHF APT like the others?

1990. log periodic for sale or trade

Newsgroup: rec.radio.amateur.space
Date: 2000-08-09 00:00:00 UTC
From: glathrem <glathrem@hotmail.com>
Message-ID: <8ms5slfn1@slb6.atl.mindspring.net>
Source record: 8774

Will sell create clp5130-2 antenna (no mount) $150 + shipping and packaging.
Or will trade even for arrow 146/437-10 with 10w duplexer shipped to me.
please cc my email:
glathrem@hotmail.com

1991. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-09 00:00:00 UTC
From: "Anthony R. Gold" <tgold@microvest.demon.co.uk>
Message-ID: <8ms8gk$ib6$1@taliesin.netcom.net.uk>
Source record: 8775
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

Richard Herring <rnh@gmrc.gecm.com> wrote in message
news:8mrk6h$7l8$1@miranda.gmrc.gecm.com...

> AFAIK there's only one country which doesn't use the Greenwich
> meridian as the reference for its mapping.

Wales? Afghanistan? Fiji? Atlantis?

Regards,
--
Tony - G3SKR / W2TG email: tgold@panix.com

1992. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-09 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8p3602.tvs.nomail@linux.pe1chl.ampr.org>
Source record: 8776
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

Richard Herring <rnh@gmrc.gecm.com> wrote:

>AFAIK there's only one country which doesn't use the Greenwich
>meridian as the reference for its mapping.

Any GPS manual has long listings of such countries...

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

1993. Re: Software to U0-14

Newsgroup: rec.radio.amateur.space
Date: 2000-08-09 00:00:00 UTC
From: Arne Andersson <sm5cnq@telia.com>
Message-ID: <965773916.915417663@news1.telia.com>
Source record: 8777

>I usually use sattrack, which has the usual Mission Control-
>style ground track display, the usual prediction facilities,
>and has functions to answer questions of the form "when is the
>next analog/digital/weather/whatever satellite due?" If you
>want something small and slick, consider predict.
>
>You will need regular updates of orbital data (I update once
>a week - YMMV). I get mine from www.celestrak.com.
>
>Laura Halliday VE7LDH "Que les nuages soiet notre
>Grid: CN89mg pied a terre..." - Hospital/Shafte
>
>
>Sent via Deja.com http://www.deja.com/
>Before you buy.

May I ask Laura if you are using SatTrack on Linux?
I'm trying to compile SatTrack but have some problem
Best 73's de Arne SM5CNQ

1994. Re: NOAA 15 & 16

Newsgroup: rec.radio.amateur.space
Date: 2000-08-09 00:00:00 UTC
From: cps@blackcatsystems.com
Message-ID: <cps-ya02408000R0908001851370001@enews.newsguy.com>
Source record: 8778

In article <39918543.7359ED11@gravitywell.org>, Ash <ash@gravitywell.org> wrote:

> What's the status of noaa 15,
> is it beyond repair for all time or is there any hope?
> I read that noaa 16 was to be launched in aug. , will this happen?
> Will 16 transmit VHF APT like the others?

NOAA-L (to be NOAA-16 when launched) will be going up in September at the earliest. It, as well as the next three sats, will support APT. Starting in 2008, new sats will no longer transmit APT.

--
Chris Smolinski
Black Cat Systems
http://www.blackcatsystems.com
Macintosh software - science, audio, health, amateur radio, and more.

1995. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-09 00:00:00 UTC
From: geoff@nospam.demon.co.uk
Message-ID: <Fz1DMo.5xw@nospam.demon.co.uk>
Source record: 8779
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

Geoff Blake (geoff@nospam.demon.co.uk) wrote:
: Jim (amadeus@DELETE_THIS.netcomuk.co.uk) wrote:

: : Comparing MSF time with the time you get by pressing the 'Time'
: : button on your remote control is also inaccurate. Is that NICAM
: : derived?

: If you discount the propogation delay, MSF time is quite accurate, <1mSec.

: : I understand the pips are locked to the UK Primary Standard at the
: : NPL (in a place called Sussex). The standard is based on the radioactive
: : decay of Caesium.

: (Most of) The National Physical Laboratory is at Teddington, which is quite
: some distance from Sussex. The Caesium standard is based not on the
: radioactive decay but on the transition tine between two hyperfine levels of
: excitation of the Caesium atom.

: The Caesium standard is the Internationally defined standard of frequency
: and time. Individual Caesium standards are "primary" (mine is as good as
: yours) but vary in terms of parts in 10^-14 (errors measured in terms of
: seconds per million years).

Following up my own post:

Following the recent discussions regarding UTC and national time
standards etc., the following is a quote from a recent (4th August 2000)
NPL document :

"The National Physical Laboratory maintains and develops the UK national
time scale, UTC(NPL) which is currently based on five atomic frequency
standards: three Caesium Clocks and two Active Hydrogen Masers. It is
continually compared with others around the world using various time
transfer methods including GPS common-view [1]. The national time scale
provides a reference in the UK for characterising both standard
frequency and time broadcasts, and commercial time and frequency
standards operating at the highest levels of accuracy."

The National Physical Laboratory is located in Teddington, Middlesex -
some distance from the various former sites of the RGO.

My Note [1]

The interpretation of the comparison by "common-view" is that the performance
of the GPS system is not good enough for an absolute time reference, nor
even good enough for a transfer standard (the "Flying Clocks" function). If
anybody is really interested, the frequency & time group of the NPL are

running a tutorial later this year including a section on the uncertainty of
Frequency/time measurement by John Hurll, a friend of mine!

Geoff
HTH

Geoff

--
Geoff Blake geoff (at) palaemon . co . uk linux 2.0.36
Chelmsford g8gnz @ g8gnz . ampr . org sparc - i586
Please, only use the .ampr.org address if you know what you are doing
Intel create faster processors - Microsoft create slower processes

1996. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-10 00:00:00 UTC
From: rnh@gmrc.gecm.com
Message-ID: <8mtucd$75$8@miranda.gmrc.gecm.com>
Source record: 8780
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

In article <slrn8p3602.tvs.nomail@linux.pe1chl.ampr.org>, Rob Janssen (nomail@rob.knoware.nl) wrote:
> Richard Herring <rnh@gmrc.gecm.com> wrote:

> >AFAIK there's only one country which doesn't use the Greenwich
> >meridian as the reference for its mapping.

> Any GPS manual has long listings of such countries...

No. They *use* some other meridian for convenience, but ultimately *define* its longitude with respect to the Greenwich meridian.

--
Richard Herring | <richard.herring@baesystems.com>

1997. Re: Ham-Space Digest V2000 #203 (AbsentWise)

Newsgroup: rec.radio.amateur.space
Date: 2000-08-10 00:00:00 UTC
From: malcolm.andrew@aeat.co.UK
Message-ID: <s992ab4c.021@a-hgwd3.harwell.aeat.co.uk>
Source record: 8781

I am absent from 02 August 2000 until 31 August 2000. Please contact Duncan Mackay on 01235 433388 or 720 3388.

1998. UO-14 sounding good.

Newsgroup: rec.radio.amateur.space
Date: 2000-08-10 00:00:00 UTC
From: type_email@here.org
Message-ID: <XSzk5.3705$B86.229071@nntp2.onemain.com>
Source record: 8782

Catch ya on the bird.

145.975 up
435.070 down

Some doppler compensation may be required.

73

1999. Re: NOAA 15 & 16

Newsgroup: rec.radio.amateur.space
Date: 2000-08-10 00:00:00 UTC
From: marsgal42@hotmail.com
Message-ID: <8mujarpga1@nnrp1.deja.com>
Source record: 8783

In article <39918543.7359ED11@gravitywell.org>,
Ash <ash@gravitywell.org> wrote:
> What's the status of noaa 15,
> is it beyond repair for all time or is there any hope?

It looks like NOAA 15 has indeed blown a fuse, and it may very
well be fatal - with a bad scanning mirror, there is little the
satellite can do.

> I read that noaa 16 was to be launched in aug. , will this happen?
> Will 16 transmit VHF APT like the others?

If you had read a little further you would have found that
NOAA-16 is a near-clone of NOAA-15, so, yes, it will transmit
APT. NOAA plan to support APT for some time to come. The new
stuff that's coming up will work better and be easier to use,
so I'm not overly worried.

In the interim I'm putting an HRPT station together. This is
proving very interesting...

The last launch date I had heard for NOAA-L was 29 August, but
that information is a bit stale. Why not check around and
see what you can find out?

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..." - Hospital/Shafte

Sent via Deja.com http://www.deja.com/
Before you buy.

2000. Re: Software to U0-14

Newsgroup: rec.radio.amateur.space
Date: 2000-08-10 00:00:00 UTC
From: marsgal42@hotmail.com
Message-ID: <8mujmmplf1@nnrp1.deja.com>
Source record: 8784

In article <965773916.915417663@news1.telia.com>,
Arne Andersson <sm5cnq@telia.com> wrote:

> May I ask Laura if you are using SatTrack on Linux?
> I'm trying to compile SatTrack but have some problem
> Best 73's de Arne SM5CNQ

Yes, I am. How can I help?

My system runs the 2.2.6 kernel (Slackware 4.0) on a
Pentium 233 MMX with 64 MB RAM. It's fast. Almost
too fast. :-)

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..." - Hospital/Shafte

Sent via Deja.com http://www.deja.com/
Before you buy.

2001. Sunsat

Newsgroup: rec.radio.amateur.space
Date: 2000-08-10 00:00:00 UTC
From: sbcmusic@aol.com
Message-ID: <20000810143730.02128.00002017@nso-cq.aol.com>
Source record: 8785

Is Sunsat still operational only during weekends, or is it 7 days a week. And, I understand it's daylight hours only, right?

Tnx and 73 de N9GSU

2002. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-10 00:00:00 UTC
From: jimwatt@my-deja.com
Message-ID: <8muua4$2gp$1@nnrp1.deja.com>
Source record: 8786
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

In article <398da699.4461801@nntp.netcomuk.co.uk>,
Jim wrote:

> I understand the pips are locked to the UK Primary Standard at the
> NPL (in a place called Sussex).

Its in Teddington.

>The standard is based on the radioactive decay of Caesium.

Its not. Its atomic resonance.

Its interesting to compare the teletext clocks on terrestial
and satellite channels. The best here are for BBC on Sky digital
although I set my clock to RAI UNO and check it against GPS
and the internet.

The most inaccurate was Spanish canal Sur at -90 seconds.

GBC radio in Gibraltar no longer use the BBC pips and derrive
their time for RDS and the pips from a GPS driven clock.

Roll on Gallileo

Jim Watt - see the web site http://www.gibnet.com

Sent via Deja.com http://www.deja.com/
Before you buy.

2003. Re: Software to U0-14

Newsgroup: rec.radio.amateur.space
Date: 2000-08-10 00:00:00 UTC
From: Arne Andersson <sm5cnq@telia.com>
Message-ID: <965854953.2041344305@news1.telia.com>
Source record: 8787

>Yes, I am. How can I help?
>
>My system runs the 2.2.6 kernel (Slackware 4.0) on a
>Pentium 233 MMX with 64 MB RAM. It's fast. Almost
>*too* fast. :-)
>
>Laura Halliday VE7LDH "Que les nuages soient notre
>Grid: CN89mg pied a terre..." - Hospital/Shafte
>
>
>Sent via Deja.com http://www.deja.com/
>Before you buy.

My system runs the 22.13 kernel (SuSE 6.3) and almost
the same computer. My problem is I can't get the time
correct . Shows -142Jan01 -142:-10:-59 .
Thats my problem Laura
Arne Andersson SM5CNQ
Grid JO78sm

2004. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-10 00:00:00 UTC
From: sparta@DELETE_THIS.freeuk.com
Message-ID: <3992f271.39244090@news.freeuk.net>
Source record: 8788
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

On Thu, 10 Aug 2000 19:03:36 GMT, jimwatt@my-deja.com wrote:

>In article <398da699.4461801@nntp.netcomuk.co.uk>,
> Jim wrote:
>
>> I understand the pips are locked to the UK Primary Standard at the
>> NPL (in a place called Sussex).
>
>Its in Teddington.

In somewhere called Middlesex.

>>The standard is based on the radioactive decay of Caesium.
>
>Its not. Its atomic resonance.

Same thing.

>Its interesting to compare the teletext clocks on terrestial
>and satellite channels. The best here are for BBC on Sky digital
>although I set my clock to RAI UNO and check it against GPS
>and the internet.
>
>The most inaccurate was Spanish canal Sur at -90 seconds.
>
>GBC radio in Gibraltar no longer use the BBC pips and derrive
>their time for RDS and the pips from a GPS driven clock.

Very wise.

--

Jim, G4RGA
GW4RGA
Rallies: http://website.lineone.net/~nordland
http://www.netcomuk.co.uk/~amadeus

2005. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-10 00:00:00 UTC
From: "Anthony R. Gold" <tgold@microvest.demon.co.uk>
Message-ID: <8mv4rj$82q$1@taliesin.netcom.net.uk>
Source record: 8789
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

Jim <sparta@DELETE_THIS.freeuk.com> wrote in message
news:3992f271.39244090@news.freeuk.net...
> On Thu, 10 Aug 2000 19:03:36 GMT, jimwatt@my-deja.com wrote:
>
> >In article <398da699.4461801@nntp.netcomuk.co.uk>,
> > Jim wrote:
> >
> >> I understand the pips are locked to the UK Primary Standard at the
> >> NPL (in a place called Sussex).
> >
> >Its in Teddington.
>
> In somewhere called Middlesex.
>
> >>The standard is based on the radioactive decay of Caesium.
> >
> >Its not. Its atomic resonance.
>
> Same thing.

Tosh, decay is the change of the molecules of instable isotopes
into molecules of elements lower down the periodic table. The
rate of decay, described by the time for 50% of the molecules
to decay, is a characteristic of that particular isotope.

Resonance is not associated by decay but by the transition
of sub-atomic particles between different levels of energy.

Regards,
--
Tony - G3SKR / W2TG email: tgold@panix.com

2006. Re: Sunsat

Newsgroup: rec.radio.amateur.space
Date: 2000-08-10 00:00:00 UTC
From: Peter Hodgson <va3pkh@rac.ca>
Message-ID: <39935E06.19B01915@rac.ca>
Source record: 8790

Hi
Here is the schedule from their site.
http://sunsat.ee.sun.ac.za/
ONE PASS PER DAY TIMES ARE UTC
North America

08/08/2000 00:55
09/08/2000 00:15
10/08/2000 01:14
11/08/2000 00:34
12/08/2000 01:33
13/08/2000 00:53
14/08/2000 00:13

14/08/2000 00:12
15/08/2000 01:10
16/08/2000 00:30
17/08/2000 01:29
18/08/2000 00:49
19/08/2000 00:09
20/08/2000 01:07
21/08/2000 00:27

22/08/2000 01:26
23/08/2000 00:46
24/08/2000 00:06
25/08/2000 01:04
26/08/2000 00:24
27/08/2000 01:23
28/08/2000 00:43

Hope to hear you soon
73

Peter
VA3PKH

SBCmusic wrote:
>
> Is Sunsat still operational only during weekends, or is it 7 days a week. And,
> I understand it's daylight hours only, right?
>
> Tnx and 73 de N9GSU

2007. Re: ISS flyover

Newsgroup: rec.radio.amateur.space
Date: 2000-08-10 00:00:00 UTC
From: Kevin
Message-ID: <auo6psc6pb4ifpcgdtuvnnh097sb6af54l@4ax.com>
Source record: 8791

On Fri, 11 Aug 2000 01:41:10 GMT, TomR@astro.net
<399358e3.54509441@news.idsi.net> wrote:

>There was another sat heading n.w. just west of the ISS, much dimmer
>but easily seen. Gotta love it.

There may come a time when you see the ISS be disassembled by a bolt or larger object going 8000 miles an hour. Not too long ago a discarded russian booster rocket came within 1 kilometer (.6 mile) of the ISS.

--

Kevin
---
http://NWOregonRadio.netfirms.com/mods.html a site covering
NW Oregon Scanner, SWL and Ham Radio topics and radio
modifications. http://www.egroups.com/group/HAMSWLSCANSALE

2008. Re: Software to U0-14

Newsgroup: rec.radio.amateur.space
Date: 2000-08-11 00:00:00 UTC
From: hamish@cloud.net.au
Message-ID: <gmQk5.9926$l43.33515@news1.eburwd1.vic.optushome.com.au>
Source record: 8649

Arne Andersson <sm5cnq@telia.com> wrote:
> My system runs the 22.13 kernel (SuSE 6.3) and almost
> the same computer. My problem is I can't get the time
> correct . Shows -142Jan01 -142:-10:-59 .

SatTrack has a y2k bug. Search www.deja.com for the fix;
it was posted to this newsgroup in January by Rob Janssen.

Hamish
--
Hamish Moffatt VK3SB <hamish@debian.org> <hamish@cloud.net.au>

2009. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-11 00:00:00 UTC
From: Nigel Hewitt <no.spam.please.systems@seikisystems.co.uk>
Message-ID: <8n0k9k$2cuk$1@grind.server.pavilion.net>
Source record: 8650
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

"Richard Herring" wrote
> Anthony R. Gold wrote:
> > Jim wrote
> > > jimwatt@my-deja.com wrote:
> > >
> > > >Jim wrote:
> > > >
> > > > >>The standard is based on the radioactive decay of Caesium.
> > > >
> > > > >Its not. Its atomic resonance.
> > >
> > > Same thing.
>
> > Tosh, decay is the change of the molecules of instable isotopes
> > into molecules of elements lower down the periodic table. The
> > rate of decay, described by the time for 50% of the molecules
> > to decay, is a characteristic of that particular isotope.
>
> And for 133Cs it's zero for all practical purposes.

zero?

Isotope Half Life
Cs-126 1.6 minutes
Cs-129 1.3 days
Cs-131 9.7 days
Cs-132 6.4 days
Cs-133 Stable <<<<<<<<<<<<<<<<<< ie: infinite
Cs-134 2.1 years
Cs-134m 2.9 hours
Cs-135 2300000.0 years
Cs-136 13.2 days
Cs-137 30.2 years
Cs-138 32.2 minutes
Cs-139 9.3 minutes

OK. So I know what you meant.

--
nigelH
G8JFT

2010. Re: Ham-Space Digest V2000 #204 (AbsentWise)

Newsgroup: rec.radio.amateur.space
Date: 2000-08-11 00:00:00 UTC
From: malcolm.andrew@aeat.co.UK
Message-ID: <s993fef8.091@a-hgwd3.harwell.aeat.co.uk>
Source record: 8651

I am absent from 02 August 2000 until 31 August 2000. Please contact Duncan Mackay on 01235 433388 or 720 3388.

2011. Re: Software to U0-14

Newsgroup: rec.radio.amateur.space
Date: 2000-08-11 00:00:00 UTC
From: marsgal42@hotmail.com
Message-ID: <8n185qoog1@nnrp1.deja.com>
Source record: 8652

In article <gmQk5.9926$I43.33515@news1.eburwd1.vic.optushome.com.au>,
hamish@cloud.net.au (Hamish Moffatt VK3SB) wrote:
> Arne Andersson <sm5cnq@telia.com> wrote:
> > My system runs the 22.13 kernel (SuSE 6.3) and almost
> > the same computer. My problem is I can't get the time
> > correct . Shows -142Jan01 -142:-10:-59 .
>
> SatTrack has a y2k bug. Search www.deja.com for the fix;
> it was posted to this newsgroup in January by Rob Janssen.

Posted on 12 January 2000. It works fine.

Some day it may even make its way to the archive sites - there
is no sign of it on ftp.amsat.org.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid CN89mg pied a terre..." - Hospital/Shafte

Sent via Deja.com http://www.deja.com/
Before you buy.

2012. Working the FM satellites

Newsgroup: rec.radio.amateur.space
Date: 2000-08-11 00:00:00 UTC
From: sbcmusic@aol.com
Message-ID: <20000811121228.02805.00002358@nso-bg.aol.com>
Source record: 8653

OK, all, some more questions.......

About AO27, UO14, and Sunsat. I've been listening for a week or so, playing with doppler shift, etc etc, just to get an idea of operating procedures and so on.

So I'm ready to make some contacts (if I can) this weekend, and have a couple of questions before I transmit.

I'm using an Alinco DJ-G5 2 meter 440 rig. How do I set it? Do I simply transmit on 2 and listen on 440 for AO27 and U014? Or do I need to crossband somehow?

Also, it won't transmit on the Sunsat frequency stock, so I assume I have to modify it somehow.....does anyone have that mod they could send me?

Thanks for any help, and I apologize for so many questions!

73 de N9GSU

2013. "Insanity" on UO-14

Newsgroup: rec.radio.amateur.space
Date: 2000-08-11 00:00:00 UTC
From: joepwalker1@webtv.net
Message-ID: <1274-39943347-23@storefull-168.iap.bryant.webtv.net>
Source record: 8654

I recently read a posting by someone on this news group expressing concern over the "insanity" in trying to work UO-14. This issue has been on my mind of late and I wanted to post some thoughts regarding the issue.

Like many ham operators, I was pleased when I heard there was another satellite available for the "casual" satellite operator. I have listened to AO-27 over the last couple of years and have been frustrated by many of the operating practices of some of the operators working into it. When you consider the hundreds and even thousands of ham operators who would wait patiently during the week for the AO-27 weekend passes only to hear the same few operators "rag chew" on those precious few passes, it was enough to make you toss that dual band beam you spent hours working on or the Arrow Beam which many people swear by.

It now appears that the same situation is occurring on UO-14. Imagine the frustration of gathering the keps, plotting the passes, going out into the hot sun waiting patiently for the pass only to hear the same folks exchanging pleasantries as the bird is soaring past me.

I'll grant you that many of these operators have spent thousands of dollars on their setup and probably feel a need to work each pass as a "payoff" to their investment. Added to that are the friendships that many of them have made on the satellites similar to the kind that many of us make on two meters or HF. This message is certainly not meant to slam the die hard satellite operators. Rather, I believe that it is through many of their efforts that the satellite portion of our hobby has blossomed. That coupled with the fact that many of them are always willing to share their knowledge with questions that some of us "amateurs" might have.

What does concern me however is I believe that in their quest, sometimes some of the "big gun" satellite operators might forget about those out there who are actually trying what all those QST articles say can be done...working the satellite with an HT and a simple beam. Everyone knows it's possible and there will be many who read this posting who have and maybe often work the satellite using the simplest of setups. However, even those must acknowledge the occasional frustration they must feel in having to listen to endless chatter between a couple of hams who knowingly or unknowingly are wiping out any chance of others working the satellite during those precious few moments of the pass.

Is there a solution? I believe there might be. Perhaps there could be a day each week or a couple of passes each week informally set aside for those who have never worked UO-14 or AO-27 to try to make a contact. For

example, perhaps Wednesday's could be set aside for operators who have never worked the bird. That means, if you've worked it before, don't work the passes on Wednesdays. Once you are lucky on that day to make your first contact, then you also would give the bird a rest on Wednesdays to give the next person a chance.
I don't feel that setting aside a day a week or a couple of passes would offend anyone. I also believe that those elmers out there would welcome an opportunity to bring others into the satellite fold. I think this might also open the door to hams demonstrating the joy of satellites to groups such as school or scout groups.

When I was trying to work MIR on packet, I was "competing" with others each time a pass occurred. Once I made my contact, I moved on and gave others a chance to work MIR. What was frustrating about trying to work MIR was reading about these fellows who proudly talked about how they "worked every pass" to talk to "their friends aboard MIR". What they must have realized was that there rag chewing was making it virtually impossible for others to get that once in a lifetime chance to work the MIR.

I know that I will receive the negative feedback that always comes with posting anything these days on these news groups. Many will say that "competition" to work a station, be it UO-14 or that rare DX station on HF, is all part of ham radio. However, I'm sure that there are still level headed operators out there who must feel as frustrated as I have been over this issue.

73's

KB5FAS
Joe Walker

2014. Re: Oscar 14 procedures

Newsgroup: rec.radio.amateur.space
Date: 2000-08-11 00:00:00 UTC
From: marsgal42@hotmail.com
Message-ID: <8n1e4c$tn7$1@nnrp1.deja.com>
Source record: 8655

In article <8n04td$9ao$1@slb1.atl.mindspring.net>,
"glathrem" <glathrem@hotmail.com> wrote:
> I'm just getting into the sats and have only listened so far. I'm
really
> confused about who has the "right of way" on UO-14. It sounds like
pure
> chaos to me. I know the passes are short and everyone wants to get on.
It
> appears whoever has the biggest gun wins. I hear no protocol at all.
If I am
> polite and wait for a proper break I'll never get on. What's the deal?

Consider another satellite.

While bent-pipe FM repeaters (UO-14, AO-27, etc.) are widely
touted as "easy" satellites, there is nothing easy about them.
They are, in fact, very difficult to use.

I've always felt that any satellite aimed at beginners (which
remains, to a first approximation, all hams) must perform well
enough to show what all the fuss is about. The FM satellites,
IMHO, do not meet this criterion.

If you want easy satellite access, work RS-13 instead.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..." - Hospital/Shafte

Sent via Deja.com http://www.deja.com/
Before you buy.

2015. Re: "Insanity" on UO-14

Newsgroup: rec.radio.amateur.space
Date: 2000-08-11 00:00:00 UTC
From: TomR@astro.net
Message-ID: <39943cc8.22585303@news.idsi.net>
Source record: 8656

Agreed. Just let others have a chance is all I ask. Give up a high
pass or 2 every week for others to experience the fun. UO-14 is louder
than AO-27 and *should* be easier to work. I gave up on AO-27 because
of the "alligators". I tried 2 UO-14 passes and couldn't get in with a
shoehorn. It's bang,bang,bang...no breaks just nonstop calls.
Imagine what P3-D will be like if it ever gets up. It'll be the same
thing. It took me over 2 years to finally get a voice QSO from Mir.

73,

Tom - KB2SMS

On Fri, 11 Aug 2000 12:09:27 -0500 (CDT), joepwalker1@webtv.net (Joe
Walker) wrote:

>I recently read a posting by someone on this news group expressing
>concern over the "insanity" in trying to work UO-14. This issue has been
>on my mind of late and I wanted to post some thoughts regarding the
>issue.
>
>Like many ham operators, I was pleased when I heard there was another
>satellite available for the "casual" satellite operator. I have listened
>to AO-27 over the last couple of years and have been frustrated by many
>of the operating practices of some of the operators working into it.
>When you consider the hundreds and even thousands of ham operators who
>would wait patiently during the week for the AO-27 weekend passes only
>to hear the same few operators "rag chew" on those precious few passes,
>it was enough to make you toss that dual band beam you spent hours
>working on or the Arrow Beam which many people swear by.
>
>It now appears that the same situation is occurring on UO-14. Imagine
>the frustration of gathering the keps, plotting the passes, going out
>into the hot sun waiting patiently for the pass only to hear the same
>folks exchanging pleasantries as the bird is soaring past me.
>
> I'll grant you that many of these operators have spent thousands of
>dollars on their setup and probably feel a need to work each pass as a
>"payoff" to their investment. Added to that are the friendships that
>many of them have made on the satellites similar to the kind that many
>of us make on two meters or HF. This message is certainly not meant to
>slam the die hard satellite operators. Rather, I believe that it is
>through many of their efforts that the satellite portion of our hobby
>has blossomed. That coupled with the fact that many of them are always
>willing to share their knowledge with questions that some of us
>"amateurs" might have.

>
>What does concern me however is I believe that in their quest,
>sometimes some of the "big gun" satellite operators might forget about
>those out there who are actually trying what all those QST articles say
>can be done...working the satellite with an HT and a simple beam.
>Everyone knows it's possible and there will be many who read this
>posting who have and maybe often work the satellite using the simplest
>of setups. However, even those must acknowledge the occasional
>frustration they must feel in having to listen to endless chatter
>between a couple of hams who knowingly or unknowingly are wiping out any
>chance of others working the satellite during those precious few moments
>of the pass.
>
>Is there a solution? I believe there might be. Perhaps there could be a
>day each week or a couple of passes each week informally set aside for
>those who have never worked UO-14 or AO-27 to try to make a contact. For
>example, perhaps Wednesday's could be set aside for operators who have
>never worked the bird. That means, if you've worked it before, don't
>work the passes on Wednesdays. Once you are lucky on that day to make
>your first contact, then you also would give the bird a rest on
>Wednesdays to give the next person a chance.
>I don't feel that setting aside a day a week or a couple of passes would
>offend anyone. I also believe that those elmers out there would welcome
>an opportunity to bring others into the satellite fold. I think this
>might also open the door to hams demonstrating the joy of satellites to
>groups such as school or scout groups.
>
>When I was trying to work MIR on packet, I was "competing" with others
>each time a pass occurred. Once I made my contact, I moved on and gave
>others a chance to work MIR. What was frustrating about trying to work
>MIR was reading about these fellows who proudly talked about how they
>"worked every pass" to talk to "their friends aboard MIR". What they
>must have realized was that there rag chewing was making it virtually
>impossible for others to get that once in a lifetime chance to work the
>MIR.
>
>I know that I will receive the negative feedback that always comes with
>posting anything these days on these news groups. Many will say that
>"competition" to work a station, be it UO-14 or that rare DX station on
>HF, is all part of ham radio. However, I'm sure that there are still
>level headed operators out there who must feel as frustrated as I have
>been over this issue.
>
>73's
>
>KB5FAS
>Joe Walker
>

2016. Re: Software to U0-14

Newsgroup: rec.radio.amateur.space
Date: 2000-08-11 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8p8hfc.n6t.nomail@linux.pe1chl.ampr.org>
Source record: 8657

marsgal42@hotmail.com <marsgal42@hotmail.com> wrote:
>In article <gmQk5.9926$I43.33515@news1.eburwd1.vic.optushome.com.au>,
> hamish@cloud.net.au (Hamish Moffatt VK3SB) wrote:
>> Arne Andersson <sm5cnq@telia.com> wrote:
>> > My system runs the 22.13 kernel (SuSE 6.3) and almost
>> > the same computer. My problem is I can't get the time
>> > correct . Shows -142Jan01 -142:-10:-59 .

>> SatTrack has a y2k bug. Search www.deja.com for the fix;
>> it was posted to this newsgroup in January by Rob Janssen.

>Posted on 12 January 2000. It works fine.

>Some day it may even make its way to the archive sites - there
>is no sign of it on ftp.amsat.org.

I have just put it on my homepage: http://www.knoware.nl/users/rob

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

2017. Re: Ham-Space Digest V2000 #204 (AbsentWise)

Newsgroup: rec.radio.amateur.space
Date: 2000-08-11 00:00:00 UTC
From: Christopher Cox <cobox@urec.net>
Message-ID: <01c003c8$4db7af40$78c8a8c0@CBX-NT>
Source record: 8658

Hey everybody, look!

Malcolm's not back yet!

I have a funny feeling he is going to be somewhat embarrassed when he gets back.

Christopher Cox

2018. Re: Software to U0-14

Newsgroup: rec.radio.amateur.space
Date: 2000-08-11 00:00:00 UTC
From: Arne Andersson <sm5cnq@telia.com>
Message-ID: <966021162.811883254@news1.telia.com>
Source record: 8659

Den Fri, 11 Aug 2000 skrev Hamish Moffatt VK3SB:

>SatTrack has a y2k bug. Search www.deja.com for the fix;
>it was posted to this newsgroup in January by Rob Janssen.
>
>
>Hamish
>--
>Hamish Moffatt VK3SB <hamish@debian.org> <hamish@cloud.net.au>

Thanks Hamish and Laura for the help.
All is running now.
Next question. The gettle don't work, wrong ip??
Best 73's de Arne SM5CNQ

2019. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-11 00:00:00 UTC
From: jimwatt@my-deja.com
Message-ID: <8n1ln3$41f$1@nnrp1.deja.com>
Source record: 8660
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

In article <3992f271.39244090@news.freeuk.net>,
sparta@DELETE_THIS.freeuk.com (Jim) wrote:
> On Thu, 10 Aug 2000 19:03:36 GMT, jimwatt@my-deja.com wrote:
>
> >In article <398da699.4461801@nntp.netcomuk.co.uk>,
> > Jim wrote:
> >
> >> I understand the pips are locked to the UK Primary Standard at the
> >> NPL (in a place called Sussex).
> >
> >Its in Teddington.
>
> In somewhere called Middlesex.

Correct, I drink there regularly.

> >>The standard is based on the radioactive decay of Caesium.
> >
> >Its not. Its atomic resonance.
>
> Same thing.

No - Quite different, hows your quantum theory?

Jim Watt - see the web site http://www.gibnet.com

Sent via Deja.com http://www.deja.com/
Before you buy.

2020. Re: "Insanity" on UO-14

Newsgroup: rec.radio.amateur.space
Date: 2000-08-11 00:00:00 UTC
From: marsgal42@hotmail.com
Message-ID: <8n1od5$68v$1@nnrp1.deja.com>
Source record: 8661

In article <39943cc8.22585303@news.idsi.net>,
TomR@astro.net wrote:
>
> Agreed. Just let others have a chance is all I ask. Give up a high
> pass or 2 every week for others to experience the fun. UO-14 is louder
> than AO-27 and *should* be easier to work. I gave up on AO-27 because
> of the "alligators". I tried 2 UO-14 passes and couldn't get in with a
> shoehorn. It's bang,bang,bang...no breaks just nonstop calls.
> Imagine what P3-D will be like if it ever gets up. It'll be the same
> thing. It took me over 2 years to finally get a voice QSO from Mir.

Is this the same P3D? The P3D I know, from reading technical
articles to seeing bits and pieces in the integration lab in
Orlando has linear transponders with anti-alligator provisions.
These have been tested on the ground, and they perform as
advertised.

My solution to UO-14 et al is brief: don't.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..." - Hospital/Shafte

Sent via Deja.com http://www.deja.com/
Before you buy.

2021. Re: Software to U0-14

Newsgroup: rec.radio.amateur.space
Date: 2000-08-11 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8p8nmn.n6t.nomail@linux.pe1chl.ampr.org>
Source record: 8662

Arne Andersson <sm5cnq@telia.com> wrote:

>Den Fri, 11 Aug 2000 skrev Hamish Moffatt VK3SB:

>>SatTrack has a y2k bug. Search www.deja.com for the fix;
>>it was posted to this newsgroup in January by Rob Janssen.

>>Hamish
>>--
>>Hamish Moffatt VK3SB <hamish@debian.org> <hamish@cloud.net.au>

>Thanks Hamish and Laura for the help.
>All is running now.
>Next question. The gettle don't work, wrong ip??

Try ftp.celestrak.com instead, directory /pub/elements instead of
/pub/space.

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

2022. Re: "Insanity" on UO-14

Newsgroup: rec.radio.amateur.space
Date: 2000-08-11 00:00:00 UTC
From: Ralph Mowery <rmowery@dialpoint.net>
Message-ID: <399475EF.9D9042E8@dialpoint.net>
Source record: 8663

While it may be hard to work UO-14, it is easy to make contacts on the other sats. While it may cost more, get on a sat that is using transponders instead of repeaters. Using ssb gives a small segment of the band and several conversations can be held on the same sat without any problem. When P3-d gets up , it will be easy to make contacts on with the proper equipment. While it may have tken a long time for you to makc contact with MIR, I was able to make contact via one of the RS sats on the second or third pass I tried it on. Probably could have made it on the first one or two if I had not been just playing with my own signal to get the hang of it.

TomR@astro.net wrote:
>
> Agreed. Just let others have a chance is all I ask. Give up a high
> pass or 2 every week for others to experience the fun. UO-14 is louder
> than AO-27 and *should* be easier to work. I gave up on AO-27 because
> of the "alligators". I tried 2 UO-14 passes and couldn't get in with a
> shoehorn. It's bang,bang,bang...no breaks just nonstop calls.
> Imagine what P3-D will be like if it ever gets up. It'll be the same
> thing. It took me over 2 years to finally get a voice QSO from Mir.
>
> 73,
>
> Tom - KB2SMS
>
> On Fri, 11 Aug 2000 12:09:27 -0500 (CDT), joepwalker1@webtv.net (Joe
> Walker) wrote:
>
> >I recently read a posting by someone on this news group expressing
> >concern over the "insanity" in trying to work UO-14. This issue has been
> >on my mind of late and I wanted to post some thoughts regarding the
> >issue.
> >
> >Like many ham operators, I was pleased when I heard there was another
> >satellite available for the "casual" satellite operator. I have listened
> >to AO-27 over the last couple of years and have been frustrated by many
> >of the operating practices of some of the operators working into it.
> >When you consider the hundreds and even thousands of ham operators who
> >would wait patiently during the week for the AO-27 weekend passes only
> >to hear the same few operators "rag chew" on those precious few passes,
> >it was enough to make you toss that dual band beam you spent hours
> >working on or the Arrow Beam which many people swear by.
> >
> >It now appears that the same situation is occurring on UO-14. Imagine

> >the frustration of gathering the keps, plotting the passes, going out
> >into the hot sun waiting patiently for the pass only to hear the same
> >folks exchanging pleasantries as the bird is soaring past me.
> >
> > I'll grant you that many of these operators have spent thousands of
> >dollars on their setup and probably feel a need to work each pass as a
> >"payoff" to their investment. Added to that are the friendships that
> >many of them have made on the satellites similar to the kind that many
> >of us make on two meters or HF. This message is certainly not meant to
> >slam the die hard satellite operators. Rather, I believe that it is
> >through many of their efforts that the satellite portion of our hobby
> >has blossomed. That coupled with the fact that many of them are always
> >willing to share their knowledge with questions that some of us
> >"amateurs" might have.
> >
> >What does concern me however is I believe that in their quest,
> >sometimes some of the "big gun" satellite operators might forget about
> >those out there who are actually trying what all those QST articles say
> >can be done...working the satellite with an HT and a simple beam.
> >Everyone knows it's possible and there will be many who read this
> >posting who have and maybe often work the satellite using the simplest
> >of setups. However, even those must acknowledge the occasional
> >frustration they must feel in having to listen to endless chatter
> >between a couple of hams who knowingly or unknowingly are wiping out any
> >chance of others working the satellite during those precious few moments
> >of the pass.
> >
> >Is there a solution? I believe there might be. Perhaps there could be a
> >day each week or a couple of passes each week informally set aside for
> >those who have never worked UO-14 or AO-27 to try to make a contact. For
> >example, perhaps Wednesday's could be set aside for operators who have
> >never worked the bird. That means, if you've worked it before, don't
> >work the passes on Wednesdays. Once you are lucky on that day to make
> >your first contact, then you also would give the bird a rest on
> >Wednesdays to give the next person a chance.
> >I don't feel that setting aside a day a week or a couple of passes would
> >offend anyone. I also believe that those elmers out there would welcome
> >an opportunity to bring others into the satellite fold. I think this
> >might also open the door to hams demonstrating the joy of satellites to
> >groups such as school or scout groups.
> >
> >When I was trying to work MIR on packet, I was "competing" with others
> >each time a pass occurred. Once I made my contact, I moved on and gave
> >others a chance to work MIR. What was frustrating about trying to work
> >MIR was reading about these fellows who proudly talked about how they
> >"worked every pass" to talk to "their friends aboard MIR". What they
> >must have realized was that there rag chewing was making it virtually
> >impossible for others to get that once in a lifetime chance to work the
> >MIR.
> >

> >I know that I will receive the negative feedback that always comes with
> >posting anything these days on these news groups. Many will say that
> >"competition" to work a station, be it UO-14 or that rare DX station on
> >HF, is all part of ham radio. However, I'm sure that there are still
> >level headed operators out there who must feel as frustrated as I have
> >been over this issue.
> >
> >73's
> >
> >KB5FAS
> >Joe Walker
> >

2023. Re: ISS flyover

Newsgroup: rec.radio.amateur.space
Date: 2000-08-11 00:00:00 UTC
From: "P.R.J. Shayler" <paul@g6tsf.demon.co.uk>
Message-ID: <49ec8640e9paul@g6tsf.demon.co.uk>
Source record: 8664

In article <399358e3.54509441@news.idsi.net>,
<TomR@astro.net> wrote:
> Just watched the ISS fly over N.Y. at 9:25 (0125utc) tonight. Man is
> she BRIGHT! I can only imagine how bright she'll be after the next
> couple of additions. Always awestruck watching it, Mir or the shuttle
> fly overhead. If you haven't seen it yet make plans to.
> There was another sat heading n.w. just west of the ISS, much dimmer
> but easily seen. Gotta love it.

> 73,

> Tom - KB2SMS

Any one got up to date keps for the ISS??

Paul G6TSF

--

A Risc a day, keeps Bill Gates away!!
Acorn Risc-OS SA-RPC using SA-110 StrongARM (TM) RISC processor
Paul G6TSF g6tsf@amsat.org g6tsf@arrl.net

2024. r7000 display does away

Newsgroup: rec.radio.amateur.space
Date: 2000-08-11 00:00:00 UTC
From: wb6shi@arrl.net
Message-ID: <39934ceb.46388329@news.directcon.net>
Source record: 8792

I have an old r7000 and even after the memory battery was changed the freq and channel number goes away if it has been off for a while. The radio seems to function ok otherwise. Reloaded the memory via cat and that also worked fine. I suspect a cap somewhere in the dispay section. Has anyone else fixed this problem, and how did you do it?

Norm WB6SHI

2025. ISS flyover

Newsgroup: rec.radio.amateur.space
Date: 2000-08-11 00:00:00 UTC
From: TomR@astro.net
Message-ID: <399358e3.54509441@news.idsi.net>
Source record: 8793

Just watched the ISS fly over N.Y. at 9:25 (0125utc) tonight. Man is she BRIGHT! I can only imagine how bright she'll be after the next couple of additions. Always awestruck watching it, Mir or the shuttle fly overhead. If you haven't seen it yet make plans to.
There was another sat heading n.w. just west of the ISS, much dimmer but easily seen. Gotta love it.

73,

Tom - KB2SMS

2026. Re: ISS flyover

Newsgroup: rec.radio.amateur.space
Date: 2000-08-11 00:00:00 UTC
From: TomR@astro.net
Message-ID: <3993763d.62024675@news.idsi.net>
Source record: 8794

On Thu, 10 Aug 2000 19:26:41 -0700, Kevin <kevin@> wrote:

>On Fri, 11 Aug 2000 01:41:10 GMT, TomR@astro.net
> <399358e3.54509441@news.idsi.net> wrote:
>
>>There was another sat heading n.w. just west of the ISS, much dimmer
>>but easily seen. Gotta love it.
>
>There may come a time when you see the ISS be disassembled by a bolt or larger
>object going 8000 miles an hour. Not too long ago a discarded russian booster
>rocket came within 1 kilometer (.6 mile) of the ISS.
>
>Kevin

Well, I wasn't implying that the other sat was anywhere's near the
ISS, I just happen to see it in the same general part of the sky at
the time.

Tom

2027. Oscar 14 procedures

Newsgroup: rec.radio.amateur.space
Date: 2000-08-11 00:00:00 UTC
From: glathrem <glathrem@hotmail.com>
Message-ID: <8n04td$9ao$1@slb1.atl.mindspring.net>
Source record: 8795

I'm just getting into the sats and have only listened so far. I'm really confused about who has the "right of way" on UO-14. It sounds like pure chaos to me. I know the passes are short and everyone wants to get on. It appears whoever has the biggest gun wins. I hear no protocol at all. If I am polite and wait for a proper break I'll never get on. What's the deal?

2028. Re: r7000 display does away

Newsgroup: rec.radio.amateur.space
Date: 2000-08-11 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8p79n6.tvs.nomail@linux.pe1chl.ampr.org>
Source record: 8796

optiscan <wb6shi@arrl.net> wrote:
>I have an old r7000 and even after the memory battery was changed the
>freq and channel number goes away if it has been off for a while. The
>radio seems to function ok otherwise. Reloaded the memory via cat and
>that also worked fine. I suspect a cap somewhere in the dispay
>section. Has anyone else fixed this problem, and how did you do it?

The capacitors in the DC-DC converter for the display have gone bad.

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

2029. Re: Oscar 14 procedures

Newsgroup: rec.radio.amateur.space
Date: 2000-08-11 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8p7bkf.tvs.nomail@linux.pe1chl.ampr.org>
Source record: 8797

glathrem <glathrem@hotmail.com> wrote:
>I'm just getting into the sats and have only listened so far. I'm really
>confused about who has the "right of way" on UO-14. It sounds like pure
>chaos to me. I know the passes are short and everyone wants to get on. It
>appears whoever has the biggest gun wins. I hear no protocol at all. If I am
>polite and wait for a proper break I'll never get on. What's the deal?

You are seeing the problems of a new toy in the house, which can only be
utilized by one person, and all the children in the house want to play with
it. Only the strongest get to it.
After a while they get bored, and leave it in the corner. Others get a
chance then.

This also demonstrates why a "single-channel repeater in the sky" isn't
really a good idea. In the case of UO-14 it was done because there are
problems with equipment in the satellite, and this mode that was mainly
intended for testing the receiver and transmitter was now enabled because
that still works.

But on satellites really designed for voice operation, it is normally
preferred to have a wider, linear transponder that can accommodate multiple
QSOs at the same time.
(although there are other difficulties that make managing big guns a
challenge)

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

2030. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-11 00:00:00 UTC
From: rnh@gmrc.gecm.com
Message-ID: <8n0e80olo1@miranda.gmrc.gecm.com>
Source record: 8798
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

In article <8mv4rj$82q$1@taliesin.netcom.net.uk>, Anthony R. Gold
(tgold@microvest.demon.co.uk) wrote:
> Jim <sparta@DELETE_THIS.freeuk.com> wrote in message
news:3992f271.39244090@news.freeuk.net...
> > On Thu, 10 Aug 2000 19:03:36 GMT, jimwatt@my-deja.com wrote:
> >
> > >In article <398da699.4461801@nntp.netcomuk.co.uk>,
> > > Jim wrote:
> > >
> > >>The standard is based on the radioactive decay of Caesium.
> > >
> > >Its not. Its atomic resonance.
> >
> > Same thing.

> Tosh, decay is the change of the molecules of instable isotopes
> into molecules of elements lower down the periodic table. The
> rate of decay, described by the time for 50% of the molecules
> to decay, is a characteristic of that particular isotope.

And for 133Cs it's zero for all practical purposes.

--
Richard Herring | <richard.herring@baesystems.com>

2031. Re: "Insanity" on UO-14

Newsgroup: rec.radio.amateur.space
Date: 2000-08-12 00:00:00 UTC
From: TomR@astro.net
Message-ID: <39949a2b.46495767@news.idsi.net>
Source record: 8665

On Fri, 11 Aug 2000 20:41:10 GMT, marsgal42@hotmail.com wrote:

>In article <39943cc8.22585303@news.idsi.net>,
> TomR@astro.net wrote:
>>
>> Agreed. Just let others have a chance is all I ask. Give up a high
>> pass or 2 every week for others to experience the fun. UO-14 is louder
>> than AO-27 and *should* be easier to work. I gave up on AO-27 because
>> of the "alligators". I tried 2 UO-14 passes and couldn't get in with a
>> shoehorn. It's bang,bang,bang...no breaks just nonstop calls.
>> Imagine what P3-D will be like if it ever gets up. It'll be the same
>> thing. It took me over 2 years to finally get a voice QSO from Mir.
>
>Is this the same P3D? The P3D I know, from reading technical
>articles to seeing bits and pieces in the integration lab in
>Orlando has linear transponders with anti-alligator provisions.
>These have been tested on the ground, and they perform as
>advertised.
>
>My solution to UO-14 et al is brief: don't.
>
>Laura Halliday VE7LDH "Que les nuages soient notre
>Grid: CN89mg pied a terre..." - Hospital/Shafte

I guess you misunderstood what I said. I know P3-D is real. My
comment was that it'll be just as nuts trying to work IT as UO-14 and
AO-27 is now.

73,
Tom - KB2SMS

2032. Re: Software to U0-14

Newsgroup: rec.radio.amateur.space
Date: 2000-08-12 00:00:00 UTC
From: hamish@cloud.net.au
Message-ID: <ov1l5.10007$l43.33817@news1.eburwd1.vic.optushome.com.au>
Source record: 8666

Arne Andersson <sm5cnq@telia.com> wrote:
> Next question. The gettle don't work, wrong ip??

Lots of changes needed to make gettle work. I wrote a script
to get the keps from AMSAT instead. I can't remember but
gettle might have been fixed in the Debian Linux package
of SatTrack.

Hamish
--
Hamish Moffatt VK3SB <hamish@debian.org> <hamish@cloud.net.au>

2033. tracking software

Newsgroup: rec.radio.amateur.space
Date: 2000-08-12 00:00:00 UTC
From: Jeremy <jzachau@worldnet.att.net>
Message-ID: <DT3l5.32004$RG6.2506830@bgtnsc05-news.ops.worldnet.att.net>
Source record: 8667

Anyone use anything other than WinOrbit? AMSAT only offers that one program under their "Windows" folder. I personally do not care for it - it seems to be kind of a confusing program. Anyone else feel the same? If so, what can you recommend to use?

Thx 73

Jeremy, N0USE

2034. Re: tracking software

Newsgroup: rec.radio.amateur.space
Date: 2000-08-12 00:00:00 UTC
From: TomR@astro.net
Message-ID: <3994d014.60298864@news.idsi.net>
Source record: 8668

On Sat, 12 Aug 2000 03:54:11 GMT, "Jeremy" <jzachau@worldnet.att.net>
wrote:

>Anyone use anything other than WinOrbit? AMSAT only offers that one program
>under their "Windows" folder. I personally do not care for it - it seems to
>be kind of a confusing program. Anyone else feel the same? If so, what can
>you recommend to use?
>
>Thx 73
>
>Jeremy, N0USE

I use STSorbit plus. Been using it for over 10 years. Runs fine in
Windows 95/98 as well.

73,
Tom - KB2SMS

2035. Re: "Insanity" on UO-14

Newsgroup: rec.radio.amateur.space
Date: 2000-08-12 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8pa312.n6t.nomail@linux.pe1chl.ampr.org>
Source record: 8669

TomR@astro.net <TomR@astro.net> wrote:
> I guess you misunderstood what I said. I know P3-D is real. My
>comment was that it'll be just as nuts trying to work IT as UO-14 and
>AO-27 is now.

But that comment is ignoring all the differences between flying FM
repeaters and a linear transponder!

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

2036. Re: "Insanity" on UO-14

Newsgroup: rec.radio.amateur.space
Date: 2000-08-12 00:00:00 UTC
From: Jeff@jehosophat.com
Message-ID: <slrn8pabb9.76t.Jeff@photuris.jehosophat.com>
Source record: 8670

On Fri, 11 Aug 2000 17:56:09 GMT, TomR@astro.net <TomR@astro.net> wrote
in message <39943cc8.22585303@news.idsi.net>:
>
> Agreed. Just let others have a chance is all I ask. Give up a high
>pass or 2 every week for others to experience the fun. UO-14 is louder
>than AO-27 and *should* be easier to work. I gave up on AO-27 because
>of the "alligators". I tried 2 UO-14 passes and couldn't get in with a
>shoehorn. It's bang,bang,bang...no breaks just nonstop calls.
>Imagine what P3-D will be like if it ever gets up. It'll be the same
>thing. It took me over 2 years to finally get a voice QSO from Mir.

Tom,

You couldn't be more wrong about P3D!

First of all, it is NOT a single channel FM repeater. P3D includes
multiple linear transponders. You uplink on a band of frequencies and
the downlink is converted over a similar sized bandpass. So it will
support dozens of simultaneous QSOs.

While UO-14, AO-27, and SO-35 have become the darlings of the handheld
crowd, they can be frustrating because they are indeed just a single
channel FM repeater tha flies overhead for 6-15 minutes at a whack. The
capture effect of an FM receiver means that the strongest signal "wins"
and this perpetuates higher EIRP than is required.

I don't have anything against the FM sats, they have introduced a lot of
new hams to satellite technology. But flying a single channel FM bird in
low earth orbit invites overcrowding and its my own *opinion* that
it has disappointed as many or more than it has brought to this facet of
the hobby.

73,
--
jeff davis, n9avg
http://n9avg.org/

2037. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-12 00:00:00 UTC
From: garethh@cix.compulink.co.uk
Message-ID: <8n3gds$54n$1@plutonium.compulink.co.uk>
Source record: 8671
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

> Au contraire, je crois: they do their mapping with reference to the
> Paris meridian, but have redefined Paris by its offset from Greenwich.
>
Thanks for the correction: I just knew I would get it the wrong way round :-)

==========
Gareth - G6KVK
.

2038. Re: ISS flyover

Newsgroup: rec.radio.amateur.space
Date: 2000-08-12 00:00:00 UTC
From: TR@sky.net
Message-ID: <399548a2.4056284@news.idsi.net>
Source record: 8672

On Fri, 11 Aug 2000 19:45:40 +0100, P.R.J. Shayler
<paul@g6tsf.demon.co.uk> wrote:

>In article <399358e3.54509441@news.idsi.net>,
> <TomR@astro.net> wrote:
>> Just watched the ISS fly over N.Y. at 9:25 (0125utc) tonight. Man is
>> she BRIGHT! I can only imagine how bright she'll be after the next
>> couple of additions. Always awestruck watching it, Mir or the shuttle
>> fly overhead. If you haven't seen it yet make plans to.
>> There was another sat heading n.w. just west of the ISS, much dimmer
>> but easily seen. Gotta love it.
>
>> 73,
>
>> Tom - KB2SMS
>
>Any one got up to date keps for the ISS??
>
>Paul G6TSF

E-mail list for Mir, HST and ISS orbital elements: There is a e-mail
list to get the LATEST orbital data for MIR, HST and the ISS! Here's
how to join: send an EMPTY e-mail message (nothing typed in the
subject line or message body) to: tlelist-subscribe@idb.com.au
You will get a message back, simply reply to it following it's
instructions, and you'll be all set and sent another confirmation/info
message.

73,

Tom - KB2SMS

2039. Re: ISS flyover

Newsgroup: rec.radio.amateur.space
Date: 2000-08-12 00:00:00 UTC
From: Xnospam@oceanfree.net
Message-ID: <8n3ig2$7mh5o$1@ID-6787.news.cis.dfn.de>
Source record: 8673

>Any one got up to date keps for the ISS??
>
>Paul G6TSF
>

Mir
1 16609U 86017A 00224.76015511 .00038536 00000-0 29904-3 0 9260
2 16609 51.6500 336.4967 0012966 276.3950 83.5068 15.71305941827851

ISS
1 25544U 98067A 00224.74710648 .00040591 00000-0 31808-3 0 9515
2 25544 51.5782 216.2453 0011446 233.4831 109.5671 15.71070326 98641

http://www.celestrak.com

73, Ed. EI9GQ.

--
Remove 'X' to reply.

EI9GQ homebrew radio page
http://www.qsl.net/ei9gq

2040. Re: tracking software

Newsgroup: rec.radio.amateur.space
Date: 2000-08-12 00:00:00 UTC
From: Patrik Norqvist <nor@cd.chalmers.se>
Message-ID: <399558CB.37D8CF71@cd.chalmers.se>
Source record: 8674

TomR@astro.net skrev:
>
> On Sat, 12 Aug 2000 03:54:11 GMT, "Jeremy" <jzachau@worldnet.att.net>
> wrote:
>
> >Anyone use anything other than WinOrbit? AMSAT only offers that one program
> >under their "Windows" folder. I personally do not care for it - it seems to
> >be kind of a confusing program. Anyone else feel the same? If so, what can
> >you recommend to use?
> >
> >Thx 73
> >
> >Jeremy, N0USE
>
> I use STSorbit plus. Been using it for over 10 years. Runs fine in
> Windows 95/98 as well.

...and in Windows 3 and Windows NT4.

Regards
/Patrik

2041. Re: tracking software

Newsgroup: rec.radio.amateur.space
Date: 2000-08-12 00:00:00 UTC
From: Jeremy <jzachau@worldnet.att.net>
Message-ID: <fFdl5.32899$RG6.2569667@bgtnsc05-news.ops.worldnet.att.net>
Source record: 8675

Thanks for the reply. STS is the program I was looking for. I had used it back in '92 when I first got licensed.

Quick question for you - when you select the "Pass predictions and data output" feature off of the main menu, I can only get it to predict the night time passes for any satellite. I've looked all over, but can't seem to find a setting to show me the daytime passes?! Any ideas?

Thx again

Jeremy, N0USE

<TomR@astro.net> wrote in message news:3994d014.60298864@news.idsi.net...
> On Sat, 12 Aug 2000 03:54:11 GMT, "Jeremy" <jzachau@worldnet.att.net>
> wrote:
>
> >Anyone use anything other than WinOrbit? AMSAT only offers that one
program
> >under their "Windows" folder. I personally do not care for it - it seems
to
> >be kind of a confusing program. Anyone else feel the same? If so, what
can
> >you recommend to use?
> >
> >Thx 73
> >
> >Jeremy, N0USE
>
> I use STSorbit plus. Been using it for over 10 years. Runs fine in
> Windows 95/98 as well.
>
> 73,
> Tom - KB2SMS
>
>
>

2042. working the satellites

Newsgroup: rec.radio.amateur.space
Date: 2000-08-12 00:00:00 UTC
From: Jeremy <jzachau@worldnet.att.net>
Message-ID: <vGdl5.32900$RG6.2570666@bgtnsc05-news.ops.worldnet.att.net>
Source record: 8676

Can it be done during the day too? Do clouds during the day affect the abilities versus working on a clear sky night?

Jeremy, N0USE

2043. Re: working the satellites

Newsgroup: rec.radio.amateur.space
Date: 2000-08-12 00:00:00 UTC
From: Ralph Mowery <rmowery@dialpoint.net>
Message-ID: <3995781E.6A2C0404@dialpoint.net>
Source record: 8677

The sats can be worked anytime they are passing over. Night or day ,
clear or clouds will have almost no effect on the radio waves.

Jeremy wrote:
>
> Can it be done during the day too? Do clouds during the day affect the
> abilities versus working on a clear sky night?
>
> Jeremy, N0USE

2044. Re: tracking software

Newsgroup: rec.radio.amateur.space
Date: 2000-08-12 00:00:00 UTC
From: Patrik Norqvist <nor@cd.chalmers.se>
Message-ID: <3995853A.7E67662B@cd.chalmers.se>
Source record: 8678

Jeremy skrev:
>
> Thanks for the reply. STS is the program I was looking for. I had used it
> back in '92 when I first got licensed.
>
> Quick question for you - when you select the "Pass predictions and data
> output" feature off of the main menu, I can only get it to predict the night
> time passes for any satellite. I've looked all over, but can't seem to find
> a setting to show me the daytime passes?! Any ideas?
>
> Thx again
>
> Jeremy, N0USE

[cut]

I guess you have "Pass type" set to "Visible". The manual says: "A
visible pass is defined as a pass which occurs with the satellite in
sunlight, the viewing location in drakness, and the satellite elevation
above the true horizon greater than 5 degrees."

Try changing "Pass type" to "All" or "Line-of-Sight". AFAIK, the option
"All" does what it says. The "Line-of-Sight" option, from what I can
find in the manual, ignores passes with a duration less than 10 seconds
or below the specified MinAlt (minimum altidude i degrees above the true
horizon).

Regards
/Patrik

2045. Re: working the satellites

Newsgroup: rec.radio.amateur.space
Date: 2000-08-12 00:00:00 UTC
From: TomR@astro.net
Message-ID: <39958bd4.21260572@news.idsi.net>
Source record: 8679

On Sat, 12 Aug 2000 15:02:51 GMT, "Jeremy" <jzachau@worldnet.att.net>
wrote:

>Can it be done during the day too? Do clouds during the day affect the
>abilities versus working on a clear sky night?
>
>Jeremy, N0USE

Yes and clouds do not have any effect.

73,

Tom - KB2SMS

2046. Re: Software to U0-14

Newsgroup: rec.radio.amateur.space
Date: 2000-08-12 00:00:00 UTC
From: Arne Andersson <sm5cnq@telia.com>
Message-ID: <966102612.1953694904@newsc.telia.net>
Source record: 8680

Den Sat, 12 Aug 2000 skrev Hamish Moffatt VK3SB:

>Lots of changes needed to make gettle work. I wrote a script
>to get the keps from AMSAT instead. I can't remember but
>gettle might have been fixed in the Debian Linux package
>of SatTrack.
>
>
>Hamish
>--
>Hamish Moffatt VK3SB <hamish@debian.org> <hamish@cloud.net.au>

Thanks Hamish.
All is working now, even the gettlescript.
ftp.celestrack.co solved the problem.

73's de Arne SM5CNQ

2047. FOD track boards

Newsgroup: rec.radio.amateur.space
Date: 2000-08-12 00:00:00 UTC
From: ka3hsw@aol.comnojunk
Message-ID: <20000812144558.16746.00001715@nso-cs.aol.com>
Source record: 8681

In case I missed anyone, by direct e-mail, who ordered an FOD track board, they are here and ready to be shipped. Pre-paid boards have already been sent out, the rest are awaiting payment.

73 de KA3HSW

delete "nojunk" from e-mail address before replying.

2048. Re: ISS flyover

Newsgroup: rec.radio.amateur.space
Date: 2000-08-12 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8pavmf.n6t.nomail@linux.pe1chl.ampr.org>
Source record: 8682

Eamon Skelton <Xnospam@oceanfree.net> wrote:

>>Any one got up to date keps for the ISS??

>>Paul G6TSF

>Mir
>1 16609U 86017A 00224.76015511 .00038536 00000-0 29904-3 0 9260
>2 16609 51.6500 336.4967 0012966 276.3950 83.5068 15.71305941827851

>ISS
>1 25544U 98067A 00224.74710648 .00040591 00000-0 31808-3 0 9515
>2 25544 51.5782 216.2453 0011446 233.4831 109.5671 15.71070326 98641

>http://www.celestrak.com

Interestingly, celestrak has two objects named ISS: 25544 (ZARYA) and 26400
(ZVEZDA). The latter has not been updated for a while, and they are
drifting more and more apart. Probably it was a temporary situation before
the docking, but the "iss.txt" still has both of them...

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

2049. Re: "Insanity" on UO-14

Newsgroup: rec.radio.amateur.space
Date: 2000-08-12 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8pavf9.n6t.nomail@linux.pe1chl.ampr.org>
Source record: 8683

Jeff Davis <Jeff@jehosophat.com> wrote:
>You couldn't be more wrong about P3D!

>First of all, it is NOT a single channel FM repeater. P3D includes
>*multiple* linear transponders. You uplink on a band of frequencies and
>the downlink is converted over a similar sized bandpass. So it will
>support dozens of simultaneous QSOs.

Not to mention the much higher orbit, that results in passes several hours
long instead of 15 minutes.

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

2050. Polarization direction

Newsgroup: rec.radio.amateur.space
Date: 2000-08-12 00:00:00 UTC
From: Ken Tentarelli <ken@sugar-river.net>
Message-ID: <3995C8C9.B5CA6DA8@sugar-river.net>
Source record: 8684

When a satellite uses right-hand-circular antennas,
as P3D will, it seems that the ground station should
use left hand circular polarization. Is that correct.

tnx, ken ac1h

2051. Re: ISS flyover

Newsgroup: rec.radio.amateur.space
Date: 2000-08-13 00:00:00 UTC
From: TomR@astro.net
Message-ID: <3995e640.44411778@news.idsi.net>
Source record: 8685

On Sat, 12 Aug 2000 16:43:59 GMT, nomail@rob.knoware.nl (Rob Janssen)
wrote:

>Eamon Skelton <Xnospam@oceanfree.net> wrote:
>
>>>Any one got up to date keps for the ISS??
>
>>>Paul G6TSF

>
>>http://www.celestrak.com
>
>Interestingly, celestrak has two objects named ISS: 25544 (ZARYA) and 26400
>(ZVEZDA). The latter has not been updated for a while, and they are
>drifting more and more apart. Probably it was a temporary situation before
>the docking, but the "iss.txt" still has both of them...
>
>Rob

Here's the latest ISS I have, recieved last night:

ISS
1 25544U 98067A 00224.74710648 .00040591 00000-0 31808-3 0 9515
2 25544 51.5782 216.2453 0011446 233.4831 109.5671 15.71070326 98641

73,

Tom - KB2SMS

2052. Re: "Insanity" on UO-14

Newsgroup: rec.radio.amateur.space
Date: 2000-08-13 00:00:00 UTC
From: TomR@astro.net
Message-ID: <3995e69f.44507567@news.idsi.net>
Source record: 8686

On Sat, 12 Aug 2000 11:54:46 GMT, Jeff@jehosophat.com (Jeff Davis)
wrote:

>On Fri, 11 Aug 2000 17:56:09 GMT, TomR@astro.net <TomR@astro.net> wrote
>in message <39943cc8.22585303@news.idsi.net>:
>>
>> Agreed. Just let others have a chance is all I ask. Give up a high
>>pass or 2 every week for others to experience the fun. UO-14 is louder
>>than AO-27 and *should* be easier to work. I gave up on AO-27 because
>>of the "alligators". I tried 2 UO-14 passes and couldn't get in with a
>>shoehorn. It's bang,bang,bang...no breaks just nonstop calls.
>>Imagine what P3-D will be like if it ever gets up. It'll be the same
>>thing. It took me over 2 years to finally get a voice QSO from Mir.
>
>Tom,
>
>You couldn't be more wrong about P3D!
>
>First of all, it is NOT a single channel FM repeater. P3D includes
>*multiple* linear transponders. You uplink on a band of frequencies and
>the downlink is converted over a similar sized bandpass. So it will
>support dozens of simultaneous QSOs.
>
>While UO-14, AO-27, and SO-35 have become the darlings of the handheld
>crowd, they can be frustrating because they are indeed just a single
>channel FM repeater tha flies overhead for 6-15 minutes at a whack. The
>capture effect of an FM receiver means that the strongest signal "wins"
>and this perpetuates higher EIRP than is required.
>
>I don't have anything against the FM sats, they have introduced a lot of
>new hams to satellite technology. But flying a single channel FM bird in
>low earth orbit invites overcrowding and its my own *opinion* that
>it has disappointed as many or more than it has brought to this facet of
>the hobby.
>
>73,
>--
>jeff davis, n9avg
>http://n9avg.org/

Hi Jeff,
O.K., I stand corrected, forgot about the transponders. You are
right about the FM birds inviting overcrowding. This morning UO-14 was
the usual chaotic mess.

You're doing a great job with the Palm version of you're site by the way!

73,

Tom - KB2SMS

2053. Re: Oscar 14 procedures

Newsgroup: rec.radio.amateur.space
Date: 2000-08-13 00:00:00 UTC
From: Jim Jerzycke <kq6ea@amsat.org>
Message-ID: <39961224.3F23A2C8@amsat.org>
Source record: 8687

HAH! Did you try to work any FM sats on Fiekd Day? Some hog had 'em tied
up EVERY pass!
73, Jim

2054. Re: Polarization direction

Newsgroup: rec.radio.amateur.space
Date: 2000-08-13 00:00:00 UTC
From: Jim Jerzycke <kq6ea@amsat.org>
Message-ID: <399613F2.16F49972@amsat.org>
Source record: 8688

Yes, but the antennas ON THE SAT are LHCP, which is why we use RHCP on
the ground.
HTH, Jim KQ6EA

2055. Re: Polarization direction

Newsgroup: rec.radio.amateur.space
Date: 2000-08-13 00:00:00 UTC
From: j.m.franke@larc.nasa.gov
Message-ID: <j.m.franke-1308000920090001@franke.larc.nasa.gov>
Source record: 8689

NO, You use the same polarization, RHCP to receive RHCP and LHCP to
receive LHCP. The only time you get a reversal is when there has been a
specular reflection.

John

In article <399613F2.16F49972@amsat.org>, Jim Jerzycke <kq6ea@amsat.org> wrote:

> Yes, but the antennas ON THE SAT are LHCP, which is why we use RHCP on
> the ground.
> HTH, Jim KQ6EA

2056. Re: Polarization direction

Newsgroup: rec.radio.amateur.space
Date: 2000-08-13 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8pcn6p.n6t.nomail@linux.pe1chl.ampr.org>
Source record: 8690

Ken Tentarelli <ken@sugar-river.net> wrote:

>When a satellite uses right-hand-circular antennas,
>as P3D will, it seems that the ground station should
>use left hand circular polarization. Is that correct.

No. Right-hand matches with right-hand.

Try shaking someone's left hand with your right hand!

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

2057. Re: Polarization direction

Newsgroup: rec.radio.amateur.space
Date: 2000-08-13 00:00:00 UTC
From: Ralph Mowery <rmowery@dialpoint.net>
Message-ID: <3996A769.FD0BA33C@dialpoint.net>
Source record: 8691

Normally you use the same on both ends just as you would with vertical
and horizontal. That is right to right, left to left. There should be
about a 15 to 20 db differance for the opposit polariaty, similar the
the differance of vertical to horizontal.

If the signal is bounced off the moon or other object there is a
reversal of polariaty. Then it is right to left or left to right.

Due to other factors in the air/ionosphere, angle of the sat from where
you are, and such, sometimes the signal is stronger if you use the
opposit polarity. I have seen this hapen many times while receiveing a
sat signal and at the start and end of the passes the signal will be
stronger if I switch the polarity of the beam.

Ken Tentarelli wrote:
>
> When a satellite uses right-hand-circular antennas,
> as P3D will, it seems that the ground station should
> use left hand circular polarization. Is that correct.
>
> tnx, ken ac1h

2058. Re: Polarization direction

Newsgroup: rec.radio.amateur.space
Date: 2000-08-13 00:00:00 UTC
From: Joe Leikhim <jleikhim@nettally.com>
Message-ID: <3997165B.471E392F@nettally.com>
Source record: 8692

Good point!

Rob Janssen wrote:

> Ken Tentarelli <ken@sugar-river.net> wrote:
>
> >When a satellite uses right-hand-circular antennas,
> >as P3D will, it seems that the ground station should
> >use left hand circular polarization. Is that correct.
>
> No. Right-hand matches with right-hand.
>
> Try shaking someone's left hand with your right hand!
>
> Rob
> --
> +----------------------------------+--------------------------------------+
> | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
> | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
> +----------------------------------+--------------------------------------+

--
Joe Leikhim K4SAT
Jleikhim@nettally.com

"tv dinner by the pool,
i'm so glad i finished school" -F.Zappa 1967

"The Revolution will NOT be televised" -Gil Scott Heron

Dopeler effect: The tendency of stupid ideas to seem smarter when they come
at you rapidly.

2059. Re: "Insanity" on UO-14

Newsgroup: rec.radio.amateur.space
Date: 2000-08-13 00:00:00 UTC
From: Steve <STEVEMIKEM@prodigy.net>
Message-ID: <8n7i3b$1sga$1@newssvr03-int.news.prodigy.com>
Source record: 8693

Our club tried AO-27 and UO-14 on Field day and several hogs tied them up each pass. I couldn't believe some guys could be so inconsiderate. We only needed one contact--so did they-- so why didn't they get off after their QSO and let others try????

I have had much better luck lately on RS-13. 2M CW up and 10M down and can make a contact on most decent passes. Much more civilized, fun and considerate operators, as well as room for many qso's at a time.

Steve, K6NT

Joe Walker wrote in message
<1274-39943347-23@storefull-168.iap.bryant.webtv.net>...
I recently read a posting by someone on this news group expressing concern over the "insanity" in trying to work UO-14. This issue has been on my mind of late and I wanted to post some thoughts regarding the issue.

Like many ham operators, I was pleased when I heard there was another satellite available for the "casual" satellite operator. I have listened to AO-27 over the last couple of years and have been frustrated by many of the operating practices of some of the operators working into it. When you consider the hundreds and even thousands of ham operators who would wait patiently during the week for the AO-27 weekend passes only to hear the same few operators "rag chew" on those precious few passes, it was enough to make you toss that dual band beam you spent hours working on or the Arrow Beam which many people swear by.

It now appears that the same situation is occurring on UO-14. Imagine the frustration of gathering the keps, plotting the passes, going out into the hot sun waiting patiently for the pass only to hear the same folks exchanging pleasantries as the bird is soaring past me.

I'll grant you that many of these operators have spent thousands of dollars on their setup and probably feel a need to work each pass as a "payoff" to their investment. Added to that are the friendships that many of them have made on the satellites similar to the kind that many of us make on two meters or HF. This message is certainly not meant to slam the die hard satellite operators. Rather, I believe that it is through many of their efforts that the satellite portion of our hobby has blossomed. That coupled with the fact that many of them are always willing to share their knowledge with questions that some of us "amateurs" might have.

What does concern me however is I believe that in their quest, sometimes some of the "big gun" satellite operators might forget about

those out there who are actually trying what all those QST articles say can be done...working the satellite with an HT and a simple beam. Everyone knows it's possible and there will be many who read this posting who have and maybe often work the satellite using the simplest of setups. However, even those must acknowledge the occasional frustration they must feel in having to listen to endless chatter between a couple of hams who knowingly or unknowingly are wiping out any chance of others working the satellite during those precious few moments of the pass.

Is there a solution? I believe there might be. Perhaps there could be a day each week or a couple of passes each week informally set aside for those who have never worked UO-14 or AO-27 to try to make a contact. For example, perhaps Wednesday's could be set aside for operators who have never worked the bird. That means, if you've worked it before, don't work the passes on Wednesdays. Once you are lucky on that day to make your first contact, then you also would give the bird a rest on Wednesdays to give the next person a chance.
I don't feel that setting aside a day a week or a couple of passes would offend anyone. I also believe that those elmers out there would welcome an opportunity to bring others into the satellite fold. I think this might also open the door to hams demonstrating the joy of satellites to groups such as school or scout groups.

When I was trying to work MIR on packet, I was "competing" with others each time a pass occurred. Once I made my contact, I moved on and gave others a chance to work MIR. What was frustrating about trying to work MIR was reading about these fellows who proudly talked about how they "worked every pass" to talk to "their friends aboard MIR". What they must have realized was that there rag chewing was making it virtually impossible for others to get that once in a lifetime chance to work the MIR.

I know that I will receive the negative feedback that always comes with posting anything these days on these news groups. Many will say that "competition" to work a station, be it UO-14 or that rare DX station on HF, is all part of ham radio. However, I'm sure that there are still level headed operators out there who must feel as frustrated as I have been over this issue.

73's

KB5FAS
Joe Walker

2060. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-14 00:00:00 UTC
From: rnh@gmrc.gecm.com
Message-ID: <8n8d55$a4c$3@miranda.gmrc.gecm.com>
Source record: 8599
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

In article <8n0k9k$2cuk$1@grind.server.pavilion.net>, Nigel Hewitt
(no.spam.please.systems@seikisystems.co.uk) wrote:
> "Richard Herring" wrote
> > Anthony R. Gold wrote:
> > > Tosh, decay is the change of the molecules of instable isotopes
> > > into molecules of elements lower down the periodic table. The
> > > rate of decay, described by the time for 50% of the molecules
> > > to decay, is a characteristic of that particular isotope.
> >
> > And for 133Cs it's zero for all practical purposes.

> zero?

Yes, zero. The subject of the sentence is "rate of decay",
not half-life.

> OK. So I know what you meant.

I meant what I said ;-)

--
Richard Herring | <richard.herring@baesystems.com>

2061. Re: Polarization direction

Newsgroup: rec.radio.amateur.space
Date: 2000-08-14 00:00:00 UTC
From: Ken Tentarelli <ken@sugar-river.net>
Message-ID: <3997E160.B1FBA3DA@sugar-river.net>
Source record: 8600

Thanks to all who responded to my query.

Ralph -- Do you switch both the uplink and downlink polarizations ?
I was hoping to build fixed polarization antennas but maybe that
isn't such a good idea.

Ken AC1H
==========

Ralph Mowery wrote:

> Normally you use the same on both ends just as you would with vertical
> and horizontal. That is right to right, left to left. There should be
> about a 15 to 20 db differance for the opposit polariaty, similar the
> the differance of vertical to horizontal.
>
> If the signal is bounced off the moon or other object there is a
> reversal of polariaty. Then it is right to left or left to right.
>
> Due to other factors in the air/ionosphere, angle of the sat from where
> you are, and such, sometimes the signal is stronger if you use the
> opposit polarity. I have seen this hapen many times while receiveing a
> sat signal and at the start and end of the passes the signal will be
> stronger if I switch the polarity of the beam.
>
> Ken Tentarelli wrote:
> >
> > When a satellite uses right-hand-circular antennas,
> > as P3D will, it seems that the ground station should
> > use left hand circular polarization. Is that correct.
> >
> > tnx, ken ac1h

2062. Re: Ham-Space Digest V2000 #207 (AbsentWise)

Newsgroup: rec.radio.amateur.space
Date: 2000-08-14 00:00:00 UTC
From: malcolm.andrew@aeat.co.UK
Message-ID: <s997f195.058@a-hgwd3.harwell.aeat.co.uk>
Source record: 8601

I am absent from 02 August 2000 until 31 August 2000. Please contact Duncan Mackay on 01235 433388 or 720 3388.

2063. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-14 00:00:00 UTC
From: Lee McLamb <lee@nospam.brevard.net>
Message-ID: <tYRl5.14221$il5.316252@news-west.usenetserver.com>
Source record: 8602
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

The letters I and O are omitted to avoid confusion with the numbers one and zero.

As I recall the letter system starts one time zone West of Greenwich and continues lettering the zones in a westward direction. As a result, Greenwich is the last (Z) time zone.

"JimD" <dynastic@REMOVE_THIScwcom.net> wrote in message news:398af81c.25121509@news.cwcom.net...
> On Fri, 04 Aug 2000 07:10:18 -0400, John Warne <warnejw@bellsouth.net> wrote:
>
> >This has been very entertaining, but y'all need to adopt 'zulu' time,
> >and be done with the discussion <grin>.
>
> Anyone recall, in this 'letter' system which letter/s is/are
> missed out?
>
> --
> ____
>
> Posted by G4RGA.
> g4rga at thersgb.net
> Rallies Info: http://website.lineone.net/~nordland
> http://www.netcomuk.co.uk/~amadeus

2064. Re: "Insanity" on UO-14

Newsgroup: rec.radio.amateur.space
Date: 2000-08-14 00:00:00 UTC
From: Barry D <x123x123@yahoo.com>
Message-ID: <DiSl5.20960$c5.895863@news2.rdc1.on.home.com>
Source record: 8603

Jeremy <jzachau@worldnet.att.net> wrote in message
news:Z0Kl5.37354$RG6.2848488@bgtnsc05-news.ops.worldnet.att.net...
> UO-14 passed over me tonight 10:37p.m. cst at 88 degrees ALT in
Minneapolis.
> The best I've seen since I got into this a couple of days ago. Needless
to
> say it was prime for the whole country, because I'm pretty sure every
awake
> ham in the country with 2 meters was trying to work it!!
>
> I agree with Steve - make the one contact and let some other people get a
> chance, or in my case, their first contact on a bird. I've tried 4 passes
> with a 50 watt signal and have yet to make a contact because one or two
> people are either trying to get as many contacts as possible, or their
> fricking whistling. (what's up with that? Come on...)
>
> Maybe it's just the weekend crowd?? I'm looking forward to trying during
> the days this next week!!
>
> Jeremy, N0USE EN35if
>

Hi Jeremy,

I too have started satelite work and have found it much calmer during the
week. But on one pass on Saturday there was only a couple of people on
UO-14. I guess it depends on the pass. You certainly don't need 50 watts.
I use a handheld and an Arrow II.
Seems to work fine. You can certainly tell the operators that are using
high power.

Good luck
Barry D.
VA3BJD FN03

2065. Re: "Insanity" on UO-14

Newsgroup: rec.radio.amateur.space
Date: 2000-08-14 00:00:00 UTC
From: Jeff Grey <cdma77@aol.com>
Message-ID: <39981B6C.271@aol.com>
Source record: 8604

Jeremy wrote:
>
> UO-14 passed over me tonight 10:37p.m. cst at 88 degrees ALT in Minneapolis.
> The best I've seen since I got into this a couple of days ago. Needless to
> say it was prime for the whole country, because I'm pretty sure every awake
> ham in the country with 2 meters was trying to work it!!
>
> I agree with Steve - make the one contact and let some other people get a
> chance, or in my case, their first contact on a bird. I've tried 4 passes
> with a 50 watt signal and have yet to make a contact because one or two
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> fricking whistling. (what's up with that? Come on...)
>
> Maybe it's just the weekend crowd?? I'm looking forward to trying during
> the days this next week!!
>
> Jeremy, N0USE EN35if
>
> "Steve" <STEVEMIKEM@prodigy.net> wrote in message
> news:8n7i3b$1sga$1@newssvr03-int.news.prodigy.com...
> >
> > Our club tried AO-27 and UO-14 on Field day and several hogs tied them up
> > each pass. I couldn't believe some guys could be so inconsiderate. We
> only
> > needed one contact--so did they-- so why didn't they get off after their
> QSO
> > and let others try????
> >
> > I have had much better luck lately on RS-13. 2M CW up and 10M down and
> can
> > make a contact on most decent passes. Much more civilized, fun and
> > considerate operators, as well as room for many qso's at a time.
> >
> > Steve, K6NT
> >
> > Joe Walker wrote in message
> > <1274-39943347-23@storefull-168.iap.bryant.webtv.net>...
> > I recently read a posting by someone on this news group expressing
> > concern over the "insanity" in trying to work UO-14. This issue has been
> > on my mind of late and I wanted to post some thoughts regarding the
> > issue.
> >
> > Like many ham operators, I was pleased when I heard there was another
> > satellite available for the "casual" satellite operator. I have listened

> > to AO-27 over the last couple of years and have been frustrated by many
> > of the operating practices of some of the operators working into it.
> > When you consider the hundreds and even thousands of ham operators who
> > would wait patiently during the week for the AO-27 weekend passes only
> > to hear the same few operators "rag chew" on those precious few passes,
> > it was enough to make you toss that dual band beam you spent hours
> > working on or the Arrow Beam which many people swear by.
> >
> > It now appears that the same situation is occurring on UO-14. Imagine
> > the frustration of gathering the keps, plotting the passes, going out
> > into the hot sun waiting patiently for the pass only to hear the same
> > folks exchanging pleasantries as the bird is soaring past me.
> >
> > I'll grant you that many of these operators have spent thousands of
> > dollars on their setup and probably feel a need to work each pass as a
> > "payoff" to their investment. Added to that are the friendships that
> > many of them have made on the satellites similar to the kind that many
> > of us make on two meters or HF. This message is certainly not meant to
> > slam the die hard satellite operators. Rather, I believe that it is
> > through many of their efforts that the satellite portion of our hobby
> > has blossomed. That coupled with the fact that many of them are always
> > willing to share their knowledge with questions that some of us
> > "amateurs" might have.
> >
> > What does concern me however is I believe that in their quest,
> > sometimes some of the "big gun" satellite operators might forget about
> > those out there who are actually trying what all those QST articles say
> > can be done...working the satellite with an HT and a simple beam.
> > Everyone knows it's possible and there will be many who read this
> > posting who have and maybe often work the satellite using the simplest
> > of setups. However, even those must acknowledge the occasional
> > frustration they must feel in having to listen to endless chatter
> > between a couple of hams who knowingly or unknowingly are wiping out any
> > chance of others working the satellite during those precious few moments
> > of the pass.
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> > Is there a solution? I believe there might be. Perhaps there could be a
> > day each week or a couple of passes each week informally set aside for
> > those who have never worked UO-14 or AO-27 to try to make a contact. For
> > example, perhaps Wednesday's could be set aside for operators who have
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> > work the passes on Wednesdays. Once you are lucky on that day to make
> > your first contact, then you also would give the bird a rest on
> > Wednesdays to give the next person a chance.
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> > groups such as school or scout groups.
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> > MIR was reading about these fellows who proudly talked about how they
> > "worked every pass" to talk to "their friends aboard MIR". What they
> > must have realized was that there rag chewing was making it virtually
> > impossible for others to get that once in a lifetime chance to work the
> > MIR.
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> > I know that I will receive the negative feedback that always comes with
> > posting anything these days on these news groups. Many will say that
> > "competition" to work a station, be it UO-14 or that rare DX station on
> > HF, is all part of ham radio. However, I'm sure that there are still
> > level headed operators out there who must feel as frustrated as I have
> > been over this issue.
> >
> > 73's
> >
> > KB5FAS
> > Joe Walker
> >
> >
> >

50 WATTS !????????

2066. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-14 00:00:00 UTC
From: sparta@DELETE_THIS.freeuk.com
Message-ID: <3998323f.15025740@news.freeuk.net>
Source record: 8605
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

On Mon, 14 Aug 2000 08:51:24 -0400, "Lee McLamb" <lee@nospam.brevard.net> wrote:

>"JimD" <dynastic@REMOVE_THIScwcom.net> wrote in message
>news:398af81c.25121509@news.cwcom.net...
>> On Fri, 04 Aug 2000 07:10:18 -0400, John Warne <warnejw@bellsouth.net>
>wrote:
>>
>> >This has been very entertaining, but y'all need to adopt 'zulu' time,
>> >and be done with the discussion <grin>.
>>
>> Anyone recall, in this 'letter' system which letter/s is/are
>> missed out?

>The letters I and O are omitted to avoid confusion with the numbers one and
>zero.
>
>As I recall the letter system starts one time zone West of Greenwich and
>continues lettering the zones in a westward direction. As a result,
>Greenwich is the last (Z) time zone.

The other way, I think: BST is A, CET is B, Singapore/Malaya used to be
GH (I think it's now H), Gan was EF and so on. The double letter indicating
a time zone based on a half-hour.

--

Jim, G4RGA
GW4RGA
Rallies: http://website.lineone.net/~nordland
http://www.netcomuk.co.uk/~amadeus

2067. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-14 00:00:00 UTC
From: Trevor Day <Trev@southwestuk.demon.co.uk>
Message-ID: <k1ppyDAyUFm5Ew6S@southwestuk.demon.co.uk>
Source record: 8606
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

In article <tYRl5.14221$iI5.316252@news-west.usenetserver.com>, Lee McLamb <lee@nospam.brevard.net> writes
>The letters I and O are omitted to avoid confusion with the numbers one and
>zero.
>
>As I recall the letter system starts one time zone West of Greenwich and
>continues lettering the zones in a westward direction. As a result,
>Greenwich is the last (Z) time zone.

Agreed, however AFAICR the letters move to the East rather than West.

--
Trevor Day

2068. WTD: science of cambridge MK14

Newsgroup: rec.radio.amateur.space
Date: 2000-08-14 00:00:00 UTC
From: David <david.oharrow@btinternet.com>
Message-ID: <8n9lt4$9m4$2@plutonium.btinternet.com>
Source record: 8607

Hi,

I am trying to locate a Science of cambridge (Later to become sinclair) Mk14 computer. The computer was available in a home built kit in the UK and, from what i am led to believe, many were sold to amateur radio enthusiast, as, at this time they were the only people experimenting with electonics in the home build environment. (Hence my reason for posting in this group)

If you have one, or any spares, or indeed any sinclair items ie radios, calculators, watches, etc, working or otherwise, that you would like to sell please email me as i cannot regularly access newsgroups.

I would also possibly be interested in early home computers from the late 1970 to the late 1980s. Preferably boxed but all will be considered.

Thank you in advance.

david.oharrow@btinternet.com

Bye

2069. Re: Polarization direction

Newsgroup: rec.radio.amateur.space
Date: 2000-08-14 00:00:00 UTC
From: Ralph Mowery <rmowery@dialpoint.net>
Message-ID: <3998522A.934031BA@dialpoint.net>
Source record: 8608

Sometimes I do. I am using the klm 22-c and klm 18-c (think that is the
correct KLM numbers). I don't try to figuer out the what or why but
just know that sometimes the opposit poliarity will be stronger. This
usually hapens as the sat is at one end of the pass. Also just
observing some ground ssb and fm stations (especially the vertical FM
stations) that some will be stronger on rhc and some stronger on lhc.

Ken Tentarelli wrote:
>
> Thanks to all who responded to my query.
>
> Ralph -- Do you switch both the uplink and downlink polarizations ?
> I was hoping to build fixed polarization antennas but maybe that
> isn't such a good idea.
>
> Ken AC1H
> ===============
>
> Ralph Mowery wrote:
>
> > Normally you use the same on both ends just as you would with vertical
> > and horizontal. That is right to right, left to left. There should be
> > about a 15 to 20 db differance for the opposit polariaty, similar the
> > the differance of vertical to horizontal.
> >
> > If the signal is bounced off the moon or other object there is a
> > reversal of polariaty. Then it is right to left or left to right.
> >
> > Due to other factors in the air/ionosphere, angle of the sat from where
> > you are, and such, sometimes the signal is stronger if you use the
> > opposit polarity. I have seen this hapen many times while receiveing a
> > sat signal and at the start and end of the passes the signal will be
> > stronger if I switch the polarity of the beam.
> >
> >

2070. Re: Polarization direction

Newsgroup: rec.radio.amateur.space
Date: 2000-08-14 00:00:00 UTC
From: Erik van Bronkhorst <vanbronkhoew@navair.navy.mil>
Message-ID: <39987308.47F2F035@navair.navy.mil>
Source record: 8609

I believe that antenna sidelobes exhibit opposite sense
in the case of CP. I cannot imagine faraday rotation due
to atmospherics causing a complete change of sense in CP,
but I would not exclude it as theoretically impossible either...

Erik kc6uut

Ralph Mowery wrote:

> Sometimes I do. I am using the klm 22-c and klm 18-c (think that is the
> correct KLM numbers). I don't try to figuer out the what or why but
> just know that sometimes the opposit poliarity will be stronger. This
> usually hapens as the sat is at one end of the pass. Also just
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> > > opposit polarity. I have seen this hapen many times while receiveing a
> > > sat signal and at the start and end of the passes the signal will be
> > > stronger if I switch the polarity of the beam.
> > >
> > >

--
Erik van Bronkhorst

If you were a gladiator in olden days, I bet the inefficiency
of how the gladiator fights were organized and scheduled
would just drive you up a wall.

-- Deep Thoughts, by Jack Handey

2071. Re: Polarization direction

Newsgroup: rec.radio.amateur.space
Date: 2000-08-14 00:00:00 UTC
From: Jim Jerzycke <kq6ea@amsat.org>
Message-ID: <39974DC4.32B11D9F@amsat.org>
Source record: 8694

I obviously stand corrected!
73, Jim

2072. Re: "Insanity" on UO-14

Newsgroup: rec.radio.amateur.space
Date: 2000-08-14 00:00:00 UTC
From: Jeremy <jzachau@worldnet.att.net>
Message-ID: <Z0Kl5.37354$RG6.2848488@bgtnsc05-news.ops.worldnet.att.net>
Source record: 8695

UO-14 passed over me tonight 10:37p.m. cst at 88 degrees ALT in Minneapolis. The best I've seen since I got into this a couple of days ago. Needless to say it was prime for the whole country, because I'm pretty sure every awake ham in the country with 2 meters was trying to work it!!

I agree with Steve - make the one contact and let some other people get a chance, or in my case, their first contact on a bird. I've tried 4 passes with a 50 watt signal and have yet to make a contact because one or two people are either trying to get as many contacts as possible, or their fricking whistling. (what's up with that? Come on...)

Maybe it's just the weekend crowd?? I'm looking forward to trying during the days this next week!!

Jeremy, N0USE EN35if

"Steve" <STEVEMIKEM@prodigy.net> wrote in message
news:8n7i3b$1sga$1@newssvr03-int.news.prodigy.com...
>
> Our club tried AO-27 and UO-14 on Field day and several hogs tied them up
> each pass. I couldn't believe some guys could be so inconsiderate. We
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> 73's
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> KB5FAS
> Joe Walker
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2073. Re: "Insanity" on UO-14

Newsgroup: rec.radio.amateur.space
Date: 2000-08-14 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8pf5qj.9ss.nomail@linux.pe1chl.ampr.org>
Source record: 8696

Jeremy <jzachau@worldnet.att.net> wrote:
>I agree with Steve - make the one contact and let some other people get a
>chance, or in my case, their first contact on a bird. I've tried 4 passes
>with a 50 watt signal and have yet to make a contact because one or two
>people are either trying to get as many contacts as possible, or their
>fricking whistling. (what's up with that? Come on...)

Isn't it funny that you guys are criticizing other people's bad habits on
satellite, while your are exhibiting bad habits on USENET yourselves?

Please:

- quote only the relevant part of the article you are responding to, not
the entire article. especially when it is long.

- write your response BELOW the part you are quoting, so someone reading
it will see the thread of the discussion (statement, reply, reaction to
reply, etc), not a large inverted blob of text without structure.

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

2074. Re: Ham-Space Digest V2000 #206 (AbsentWise)

Newsgroup: rec.radio.amateur.space
Date: 2000-08-14 00:00:00 UTC
From: malcolm.andrew@aeat.co.UK
Message-ID: <s997be02.078@a-hgwd3.harwell.aeat.co.uk>
Source record: 8697

I am absent from 02 August 2000 until 31 August 2000. Please contact Duncan Mackay on 01235 433388 or 720 3388.

2075. Re: Ham-Space Digest V2000 #205 (AbsentWise)

Newsgroup: rec.radio.amateur.space
Date: 2000-08-14 00:00:00 UTC
From: malcolm.andrew@aeat.co.UK
Message-ID: <s997b9ab.085@a-hgwd3.harwell.aeat.co.uk>
Source record: 8698

I am absent from 02 August 2000 until 31 August 2000. Please contact Duncan Mackay on 01235 433388 or 720 3388.

2076. You're wrong, Stop whining!! Re: "Insanity" on UO-14

Newsgroup: rec.radio.amateur.space
Date: 2000-08-15 00:00:00 UTC
From: vlfiscus@mcn.net
Message-ID: <sphm8uc9kn914@corp.supernews.com>
Source record: 8611

STEVEMIKEM@prodigy.net (Steve, K6NT) wrote in
<8n7i3b$1sga$1@newssvr03-int.news.prodigy.com>:
>
>Our club tried AO-27 and UO-14 on Field day and several hogs tied them
>up each pass. I couldn't believe some guys could be so inconsiderate.

You're Wrong. You made a retards mistake on field-day. You losers showed up at field day planning to make only one or two satellite contacts which is totally contrary to field-days purpose. The HF side of your group didn't show up at field day only able to work one band, why did you show up at field day only able to work one type transponder? It's because you're a Loser and someone needs to take a black felt marker and write the word "RETARD" on your forehead. My advice: When you go to field-day next year, you need to set up an oscar station and plan to work as many stations on as many different satellites as possible. That's the whole point of field-day.

You don't have to take my advice, you can remain a loser if you wish. Just stop your cry-baby whining!

KB7ADL

2077. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-15 00:00:00 UTC
From: rnh@gmrc.gecm.com
Message-ID: <8naur6$4n8$1@miranda.gmrc.gecm.com>
Source record: 8612
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

In article <k1ppyDAyUFm5Ew6S@southwestuk.demon.co.uk>, Trevor Day
(Trev@southwestuk.demon.co.uk) wrote:
> In article <tYRl5.14221$iI5.316252@news-west.usenetserver.com>, Lee
> McLamb <lee@nospam.brevard.net> writes
> >The letters I and O are omitted to avoid confusion with the numbers one and
> >zero.
> >
> >As I recall the letter system starts one time zone West of Greenwich and
> >continues lettering the zones in a westward direction. As a result,
> >Greenwich is the last (Z) time zone.

> Agreed, however AFAICR the letters move to the East rather than West.

According to http://www.timeanddate.com/time/abbreviations.html
you're both right. Except that the omitted letter is J and the
zone containing the International Date Line has two letters, M and Y.

--
Richard Herring | <richard.herring@baesystems.com>

2078. Re: Polarization direction

Newsgroup: rec.radio.amateur.space
Date: 2000-08-15 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8phupe.qq3.nomail@linux.pe1chl.ampr.org>
Source record: 8613

Erik van Bronkhorst <vanbronkhoew@navair.navy.mil> wrote:
>I believe that antenna sidelobes exhibit opposite sense
>in the case of CP. I cannot imagine faraday rotation due
>to atmospherics causing a complete change of sense in CP,
>but I would not exclude it as theoretically impossible either...

When the signal is reflected, the circular polarisation sense changes.
At low elevation, you get a reflected signal against the ground, and
possibly against surfaces like large buildings, mountains etc.

This reflected signal, when it cannot be discerned from the direct signal
(i.e. when linear polarisation is used) will cause cancellations and is
responsible for nulls and peaks in the signal when the satellite nears
the horizon. (similar to aircraft flutter)

When circular polarisation is in use, the reflections will not cause nulls,
but it may be that at certain points the reflected signal (which has
opposite polarisation) is better than the direct signal.

Finally, some satellites do not really use circular polarisation
themselves, but the use of circular polarized antennas is recommended
because the satellite spins. On those satellites, switching polarisation
between circular and linear (in various planes) may of course have a
marked effect, especially when the plane of polarisation is reasonably
constant as seen by the receiving station. This usually happens at
certain points in the pass, e.g. at AOS or LOS.

You may, in these cases, also see a difference between LHC and RHC just
because your antenna pattern isn't perfectly circular, but is elliptical
and the orientation of the ellipse changes when switching from LHC to
RHC. This is nearly always the case when crossed yagis are used and the
mounting and wiring is not perfect.

The question always remains if the extra complexity and losses of a
switchable system outweigh the benefits. I have had a fixed-RHC system
for a while, and sometimes the signal was not very good. RHC/LHC switching
can be done fairly easily (like in the MASPROs), and is probably worthwile.
Switching through all possible polarisations is much more complex...

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

2079. Re: Ham-Space Digest V2000 #208 (AbsentWise)

Newsgroup: rec.radio.amateur.space
Date: 2000-08-15 00:00:00 UTC
From: malcolm.andrew@aeat.co.UK
Message-ID: <s9994425.034@a-hgwd3.harwell.aeat.co.uk>
Source record: 8614

I am absent from 02 August 2000 until 31 August 2000. Please contact Duncan Mackay on 01235 433388 or 720 3388.

2080. Re: You're wrong, Stop whining!! Re: "Insanity" on UO-14

Newsgroup: rec.radio.amateur.space
Date: 2000-08-15 00:00:00 UTC
From: kk5yy@arrl.net
Message-ID: <3999434e.164422884@nntp.mindspring.com>
Source record: 8615

The next time someone asks why we can't seem to recruit more
hams just show him one of Vince's gentle posts.

Congradulations Vince you have earned the AF2Y memorial award
for offensive internet posting.

On Tue, 15 Aug 2000 05:46:06 GMT, vlfiscus@mcn.net (Vince Fiscus,
KB7ADL) wrote:

>STEVEMIKEM@prodigy.net (Steve, K6NT) wrote in
><8n7i3b$1sga$1@newssvr03-int.news.prodigy.com>:
>>
>>Our club tried AO-27 and UO-14 on Field day and several hogs tied them
>>up each pass. I couldn't believe some guys could be so inconsiderate.
>
>You're Wrong. You made a retards mistake on field-day. You losers showed
>up at field day planning to make only one or two satellite contacts which
>is totally contrary to field-days purpose. The HF side of your group
>didn't show up at field day only able to work one band, why did you show
>up at field day only able to work one type transponder? It's because
>you're a Loser and someone needs to take a black felt marker and write the
>word "RETARD" on your forehead. My advice: When you go to field-day next
>year, you need to set up an oscar station and plan to work as many
>stations on as many different satellites as possible. That's the whole
>point of field-day.
>
>You don't have to take my advice, you can remain a loser if you wish. Just
>stop your cry-baby whining!
>
>KB7ADL

2081. AO-27 help

Newsgroup: rec.radio.amateur.space
Date: 2000-08-15 00:00:00 UTC
From: glathrem <glathrem@hotmail.com>
Message-ID: <8nbokpnbe1@slb6.atl.mindspring.net>
Source record: 8616

Proposed new question for the extra class exam pool:

What is the correct center frequency for the oscar 27 downlink?
a. 436.792
b. 436.795
c. 436.797
d. 436.800

Seriously, I just want to know. All 4 are listed on the web at various places for the correct freq. I'm not talking about doppler adjustment. What freq is the bird actually transmitting on?

2082. Re: AO-27 help

Newsgroup: rec.radio.amateur.space
Date: 2000-08-15 00:00:00 UTC
From: Peter Hodgson <va3pkh@rac.ca>
Message-ID: <3999721B.A1D4694F@rac.ca>
Source record: 8617

Hi

I always use 436.795 as my handheld will only allow 5 khz steps.
Until I read your posting I had never noticed the conflicting info.
I have 2 issues of Amsat News one says .795 the other says .792
The AMSAT AO27 FAQ says .795
I don't suppose it matters that much as we all adjust for the best
signal anyway. I think the Yaesu 847 users have 1 khz steps, and may
have a better answer.

73

Peter
VA3PKH
glathrem wrote:
>
> Proposed new question for the extra class exam pool:
>
> What is the correct center frequency for the oscar 27 downlink?
> a. 436.792
> b. 436.795
> c. 436.797
> d. 436.800
>
> Seriously, I just want to know. All 4 are listed on the web at various
> places for the correct freq. I'm not talking about doppler adjustment. What
> freq is the bird actually transmitting on?

2083. Re: NOAA 15 & 16

Newsgroup: rec.radio.amateur.space
Date: 2000-08-15 00:00:00 UTC
From: marsgal42@hotmail.com
Message-ID: <8ncb44$lu0$1@nnrp1.deja.com>
Source record: 8618

In article <8mujarpga1@nnrp1.deja.com>,
marsgal42@hotmail.com wrote:

> The last launch date I had heard for NOAA-L was 29 August, but
> that information is a bit stale. Why not check around and
> see what you can find out?

From http://mocc.vafb.af.mil/launchsched.asp, the current
launch window for NOAA-L is 1022Z to 1032Z on 14 September.

Southern California insomniacs should get a great show.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..." - Hospital/Shafte

Sent via Deja.com http://www.deja.com/
Before you buy.

2084. Re: You're wrong, Stop whining!! Re: "Insanity" on UO-14

Newsgroup: rec.radio.amateur.space
Date: 2000-08-15 00:00:00 UTC
From: "3.14159265358979323846264338327 95" <ipete88@hotmail.com>
Message-ID: <hgim5.26308$rd1.5894529@typhoon-news1.southeast.rr.com>
Source record: 8619

I guess this is what ham radio is all about. It is just a glorified CB band where the operators are actually lower class.

> >You're Wrong. You made a retards mistake on field-day. You losers showed
> >up at field day planning to make only one or two satellite contacts which
> >is totally contrary to field-days purpose. The HF side of your group
> >didn't show up at field day only able to work one band, why did you show

2085. Re: AO-27 help

Newsgroup: rec.radio.amateur.space
Date: 2000-08-15 00:00:00 UTC
From: Jeff@jehosophat.com
Message-ID: <slrn8pjit4.d3n.Jeff@photuris.jehosophat.com>
Source record: 8620

On Tue, 15 Aug 2000 11:46:52 -0400, glathrem <glathrem@hotmail.com> wrote
in message <8nbokpnbe1@slb6.atl.mindspring.net>:
>Seriously, I just want to know. All 4 are listed on the web at various
>places for the correct freq. I'm not talking about doppler adjustment. What
>freq is the bird actually transmitting on?

436.975

--
jeff davis, n9avg
http://n9avg.org/

2086. Re: Wx Sat receivers

Newsgroup: rec.radio.amateur.space
Date: 2000-08-15 00:00:00 UTC
From: "Tom G." <tegwilym@wolfenet.com>
Message-ID: <8Gpm5.1509$z64.257544@den-news1.rmi.net>
Source record: 8621

> Most older scanners use a 10.7MHz IF. To generate 137.N, program in
> 137.n +/-10.7MHz, listen on yet another scanner to find out if you need
> to go plus or minus.

So then if I tweak it this way am I just listening for the IF signal in a
separate radio that is held close to the kit radio that is being adjusted?

Tom

2087. Re: Need Sat. Antenna Advice

Newsgroup: rec.radio.amateur.space
Date: 2000-08-15 01:54:35 UTC
From: Jim Jerzycke <kq6ea@amsat.org>
Message-ID: <3998A2DB.569D6D8D@amsat.org>
Source record: 8610

members.aol.com/k5oe

2088. Re: AO-27 help

Newsgroup: rec.radio.amateur.space
Date: 2000-08-16 00:00:00 UTC
From: Steve <ai7w@NoSpam.com>
Message-ID: <399a9e6b_1@huge.aa.net>
Source record: 8623

Why not check out the AMSAT web site.
http://www.amsat.org/amsat/sats/n7hpr/ao27.html
Steve .. AI7W

glathrem <glathrem@hotmail.com> wrote in message
news:8nbokpnbe1@slb6.atl.mindspring.net...
> Proposed new question for the extra class exam pool:
>
> What is the correct center frequency for the oscar 27 downlink?
> a. 436.792
> b. 436.795
> c. 436.797
> d. 436.800
>
> Seriously, I just want to know. All 4 are listed on the web at various
> places for the correct freq. I'm not talking about doppler adjustment.
What
> freq is the bird actually transmitting on?
>
>

2089. 1.6 GHZ Antenna and WX Sats

Newsgroup: rec.radio.amateur.space
Date: 2000-08-16 00:00:00 UTC
From: John Reed <jreed@NOSPAM.thor.atl.ga.us>
Message-ID: <spm6e7jbr5j123@corp.supernews.com>
Source record: 8624

The house I recently purchased was formerly owned by a ham. In addition to the 144Mhz and 432Mhz yagis on the satellite array, there's a 1.6 Ghz loop yagi with a preamp on it, too.

After doing a bit of digging, the 1.6 Ghz is used to listen to GOES.

The question at hand is this:

What is the easiest (read CHEAPEST) way I can actually utilize this antenna to get weather sat pictures? What software is needed and what hardware (receiver or downconverter?) is needed to get the pics. I have a Yeasu 736 radio that I use on the ham birds - although it doesn't drop low enough for the 136mhz or whatever freq the GOES birds also use.

Thanks in advance.

Please reply to my email address (remove the NOSPAM) - as I don't check this newsgroup often.

Thanks!

John, N4TII
Atlanta, GA

2090. Re: 1.6 GHZ Antenna and WX Sats

Newsgroup: rec.radio.amateur.space
Date: 2000-08-16 00:00:00 UTC
From: marsgal42@hotmail.com
Message-ID: <8nf924$2ta$1@nnrp1.deja.com>
Source record: 8625

In article <spm6e7jbr5j123@corp.supernews.com>,
"John Reed" <jreed@NOSPAM.thor.atl.ga.us> wrote:

> (snip...)
> What is the easiest (read CHEAPEST) way I can actually utilize this
antenna
> to get weather sat pictures? What software is needed and what
hardware
> (receiver or downconverter?) is needed to get the pics.

Do you want easy or do you want cheap? They're different.

Easy: buy a commercial system.

Intermediate: buy or build an LNA and downconverter. Buy
or build a suitable IF receiver. Check Downeast Microwave,
Hamtronics, etc.

Cheap: Modify a satellite TV tuner. The modern ones tune
950-2150 MHz. Tap in to the 400-odd MHz IF with a scanner.

Software: same as for low-orbit APT satellites. There's
been lots of discussion in this newsgroup.

For further information: http://www.rig.org.uk

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..." - Hospital/Shafte

Sent via Deja.com http://www.deja.com/
Before you buy.

2091. Re: AO-27 help

Newsgroup: rec.radio.amateur.space
Date: 2000-08-16 00:12:29 UTC
From: kk5yy@arrl.net
Message-ID: <399adb66.203364501@nntp.mindspring.com>
Source record: 8622

When it went up it was 795 as the crystals has aged the frequency has
trickled down. 791 0r 792 is more likely correct now based on
observations made with my FT-736.

As a practical matter start looking for it at 805 as it comes over the

horizon and step down 5KHz as needed for Doppler correction. I can do
finer that that but find I don't need to.

73 Jerry KK5YY

On Tue, 15 Aug 2000 12:38:51 -0400, Peter Hodgson <va3pkh@rac.ca>
wrote:

>Hi
>
>I always use 436.795 as my handheld will only allow 5 khz steps.
>Until I read your posting I had never noticed the conflicting info.
>I have 2 issues of Amsat News one says .795 the other says .792
>The AMSAT AO27 FAQ says .795
>I don't suppose it matters that much as we all adjust for the best
>signal anyway. I think the Yaesu 847 users have 1 khz steps, and may
>have a better answer.
>
>73
>
>Peter
>VA3PKH
>glathrem wrote:
>>
>> Proposed new question for the extra class exam pool:
>>
>> What is the correct center frequency for the oscar 27 downlink?
>> a. 436.792
>> b. 436.795
>> c. 436.797
>> d. 436.800
>>
>> Seriously, I just want to know. All 4 are listed on the web at various
>> places for the correct freq. I'm not talking about doppler adjustment. What
>> freq is the bird actually transmitting on?

2092. Re: Ham-Space Digest V2000 #209 (AbsentWise)

Newsgroup: rec.radio.amateur.space
Date: 2000-08-17 00:00:00 UTC
From: malcolm.andrew@aeat.co.UK
Message-ID: <s99bbb28.040@a-hgwd3.harwell.aeat.co.uk>
Source record: 8629

I am absent from 02 August 2000 until 31 August 2000. Please contact Duncan Mackay on 01235 433388 or 720 3388.

2093. Re: Time zones...what ARE people playing at ?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-17 00:00:00 UTC
From: Terry Sanford <tsanford@roadrunner.nf.net>
Message-ID: <399BE2A6.B5BE17FD@roadrunner.nf.net>
Source record: 8630
Cross-posted to: rec.radio.amateur.space,uk.radio.amateur

I could never understand why we don't all use the same time zone, everywhere on the world and above it ie.
"Earth time".

As I write this it is (approximately) 14.00h GMT (or UTC or whatever they call it now!), it is 10.30h local
time, and 09.00h in the two major cities of the country I am in!

I'd be quite happy if the alarm clock went off in the morning at 03.30h (7.00 am now) and I'm out the door
to arrive at work at 05.00h (8.30 am now). Soon get used to it! Save a lot of confusion.

Imagine an intelligient being, zooming towards earth; "Hullo earthling, what time is it there on earth?".

Imagine the reply, probably from some radio ham who has stayed up all night, "Uh, well, hmm: Well you see
this planet is turning around, approximately once every 24 hours so the time where I am is, just a minute
let's see; 53.2 degrees west of Greenwhich ....that's, what is it per degreeg? Oh. Heck. I'll call
you back."

Intelligient being; "Roger on that. BTW what is an 'HOUR'?; and what is Greenwhich?".

Terry S.

2094. WX Sat receivers -- which one?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-17 00:00:00 UTC
From: tegwilym@my-deja.com
Message-ID: <8nhfao$jo9$1@nnrp1.deja.com>
Source record: 8631

I am interested in getting into the WX satellite receiving hobby and I think I have narrowed the choices of receivers down to the following:
- Ramsey receiver (kit or built)
- Hamtronics receiver (kit or built)

It seems that the Ramsey kit comes with an antenna pre-amp and is less expensive for the completed kit. The Hamtronics is a little more expensive and seems to have the pre-amp as a separate thing.

I am debating whether to get the kit or the completed radio. The main concern is test equipment that may be needed, mainly the signal generator. I contacted both of them by email and Ramsey said that theirs could be built without using a generator, but Hamtronics said that they would recommend using a good generator.

So, for $200 I could get the Ramsey completed radio or for $239 I could get the Hamtronics. (or the kit?)

I am planning on using a computer sound card to capture and create the images on both of them.

As for an antenna, I will build that myself. I will probably start with a crossed dipole and then maybe later try to build a fancier QFH type of thing.

I'm living in a condo now so I have to deal with all the antenna restrictions. I'm looking for another way to get back into the radio hobby since HF may be a challenge now (unless I try some kind of loop!)..but that is a whole different topic!

Anyone have any advice, tips, hints or ideas for me?

Thanks!

Tom KA7VIK

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Before you buy.

2095. Re: WX Sat receivers -- which one?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-17 00:00:00 UTC
From: Ralph Mowery <rmowery@dialpoint.net>
Message-ID: <399C4637.F3E5AD9D@dialpoint.net>
Source record: 8632

You may also look at finding a scanner for under $ 50 at a fleamarket
and just replacing the IF filter with a .01 uf capacitor. This will
give the bandwidth you need and you would have money left over for a
preamp if needed.

tegwilym@my-deja.com wrote:
>
> I am interested in getting into the WX satellite receiving hobby and I
> think I have narrowed the choices of receivers down to the following:
> - Ramsey receiver (kit or built)
> - Hamtronics receiver (kit or built)
>
> It seems that the Ramsey kit comes with an antenna pre-amp and is less
> expensive for the completed kit. The Hamtronics is a little more
> expensive and seems to have the pre-amp as a separate thing.
>
> I am debating whether to get the kit or the completed radio. The main
> concern is test equipment that may be needed, mainly the signal
> generator. I contacted both of them by email and Ramsey said that
> theirs could be built without using a generator, but Hamtronics said
> that they would recommend using a good generator.
>
> So, for $200 I could get the Ramsey completed radio or for $239 I could
> get the Hamtronics. (or the kit?)
>
> I am planning on using a computer sound card to capture and create the
> images on both of them.
>
> As for an antenna, I will build that myself. I will probably start
> with a crossed dipole and then maybe later try to build a fancier QFH
> type of thing.
>
> I'm living in a condo now so I have to deal with all the antenna
> restrictions. I'm looking for another way to get back into the radio
> hobby since HF may be a challenge now (unless I try some kind of
> loop!)..but that is a whole different topic!
>
> Anyone have any advice, tips, hints or ideas for me?
>
> Thanks!
>
> Tom KA7VIK
>
> Sent via Deja.com http://www.deja.com/

> Before you buy.

2096. Re: WX Sat receivers -- which one?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-17 00:00:00 UTC
From: tegwilym@my-deja.com
Message-ID: <8nhmmgsqd1@nnrp1.deja.com>
Source record: 8633

In article <399C4637.F3E5AD9D@dialpoint.net>,
Ralph Mowery <rmowery@dialpoint.net> wrote:
> You may also look at finding a scanner for under $ 50 at a fleamarket
> and just replacing the IF filter with a .01 uf capacitor. This will
> give the bandwidth you need and you would have money left over for a
> preamp if needed.

Any idea if an old Radio Shack Pro-28 handheld scanner would work with
this? I have one of those, but I'm not sure if I have the schematic
for it around anywhere to track down the capacitor.

T.

Sent via Deja.com http://www.deja.com/
Before you buy.

2097. Re: WX Sat receivers -- which one?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-17 00:00:00 UTC
From: marsgal42@hotmail.com
Message-ID: <8nhodsuqi1@nnrp1.deja.com>
Source record: 8634

In article <8nhmmgsqd1@nnrp1.deja.com>,
tegwilym@my-deja.com wrote:

> Any idea if an old Radio Shack Pro-28 handheld scanner would work with
> this? I have one of those, but I'm not sure if I have the schematic
> for it around anywhere to track down the capacitor.

Will it tune to 137 MHz?

You don't need a schematic to identify the IF filter and replace
it with a capacitor. You also don't need to worry about this
right away. With the stock IF bandwidth you will hear the
satellites (Have you tried? Why not?), and you will get
pictures. Not necessarily very good ones, but enough to opti-
mize your antenna, preamp, software, etc.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..." - Hospital/Shafte

Sent via Deja.com http://www.deja.com/
Before you buy.

2098. Re: WX Sat receivers -- which one?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-17 00:00:00 UTC
From: tegwilym@my-deja.com
Message-ID: <8nhseg$38b$1@nnrp1.deja.com>
Source record: 8635

I did try to receive a satellite, with it, but I was just using a whip antenna indoors. I guess this should be enough to at least hear if there is one passing over. I may have done it at the wrong time also. I did use the J-Track satellite tracking web page to track one of them, but I think I was off on my timing. Or of course it could have been one of the satellites that wasn't transmitting at the time?

The scanner will cover the needed frequencies, but I'll just have to make the capacitor change to it and see what happens.

> > Any idea if an old Radio Shack Pro-28 handheld scanner would work with
> > this? I have one of those, but I'm not sure if I have the schematic
> > for it around anywhere to track down the capacitor.
>
> Will it tune to 137 MHz?
>
> You don't need a schematic to identify the IF filter and replace
> it with a capacitor. You also don't need to worry about this
> right away. With the stock IF bandwidth you will hear the
> satellites (Have you tried? Why not?), and you will get
> pictures. Not necessarily very good ones, but enough to opti-
> mize your antenna, preamp, software, etc.
>
> Laura Halliday VE7LDH "Que les nuages soient notre
> Grid: CN89mg pied a terre..." - Hospital/Shafte
>
> Sent via Deja.com http://www.deja.com/
> Before you buy.
>

Sent via Deja.com http://www.deja.com/
Before you buy.

2099. Re: WX Sat receivers -- which one?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-17 00:00:00 UTC
From: "Tom G." <tegwilym@wolfenet.com>
Message-ID: <534n5.31$Ss4.14244@den-news1.rmi.net>
Source record: 8636

> The NOAA satellites transmit all the time. The Russian ones
> generally only transmit when they're in the sun.
>
> These satellites are loud. I heard my first one by accident,
> and I got my first (really bad :-) pictures from NOAA-12 with
> an unmodified Pro-43 and a rubber duck antenna.
>
> > The scanner will cover the needed frequencies, but I'll just have to
> > make the capacitor change to it and see what happens.
>
> If you can't hear the satellite it won't make any change at all.
> At least figure out your tracking before you proceed.

I'll try to track them again and figure out when one of them will pass over and see what I can hear. At least that will give me an idea of how they sound and how much improvment I would need to do. I have received satellite pictures from HF in the past using a PK-232 TNC and a dot matrix printer. I tried to do that with the computer sound card using the TNC indicator to tune in the satellite. I wasn't successful, I just got a bunch of unsyncronised stripes on the screen. Oh well, I'll keep working on it!

2100. Basic EME Qustion

Newsgroup: rec.radio.amateur.space
Date: 2000-08-17 01:43:46 UTC
From: njradiodude@aol.com
Message-ID: <20000816214346.11441.00000652@ng-mf1.aol.com>
Source record: 8626

Hi. I've been interested in EME for a while, and have been fortunate to have heard a few CQ QSOs via this mode. I have yet to have a QSO mainly since I have only 150w available on 432 and only a single 12el yagi. Man-made satellites?..Yes. Our planets natural satellite?..Not yet.

Assuming one knows when, where, and how to aim an array (computer-aided antenna orientation) without the need to see the moon, does cloud cover effect EME communications?

Just curious because someday I'll get to it...if two kids in diapers don't spend all my money for me. :)

Thanks,
Tom KB2FIK
NJRadioDude@aol.com

2101. Re: You're wrong, Stop whining!! Re: "Insanity" on UO-14

Newsgroup: rec.radio.amateur.space
Date: 2000-08-17 02:46:42 UTC
From: Jim Jerzycke <kq6ea@amsat.org>
Message-ID: <399B5212.5CB05C17@amsat.org>
Source record: 8627

Thanks for that. I couldn't come up with a response to such a LID.

2102. Re: Basic EME Qustion

Newsgroup: rec.radio.amateur.space
Date: 2000-08-17 05:09:17 UTC
From: Jeff Grey <cdma77@aol.com>
Message-ID: <399B737D.72A0@aol.com>
Source record: 8628

NJRadioDude wrote:
>
> Hi. I've been interested in EME for a while, and have been fortunate to have
> heard a few CQ QSOs via this mode. I have yet to have a QSO mainly since I have
> only 150w available on 432 and only a single 12el yagi. Man-made
> satellites?..Yes. Our planets natural satellite?..Not yet.
>
> Assuming one knows when, where, and how to aim an array (computer-aided antenna
> orientation) without the need to see the moon, does cloud cover effect EME
> communications?
>
> Just curious because someday I'll get to it...if two kids in diapers don't
> spend all my money for me. :)
>
> Thanks,
> Tom KB2FIK
> NJRadioDude@aol.com

nope!

2103. Re: Ham-Space Digest V2000 #210 (AbsentWise)

Newsgroup: rec.radio.amateur.space
Date: 2000-08-17 12:14:42 UTC
From: malcolm.andrew@aeat.co.UK
Message-ID: <s99be53b.086@a-hgwd3.harwell.aeat.co.uk>
Source record: 8637

I am absent from 02 August 2000 until 31 August 2000. Please contact Duncan Mackay on 01235 433388 or 720 3388.

2104. Re: Ham-Space Digest V2000 #211 (AbsentWise)

Newsgroup: rec.radio.amateur.space
Date: 2000-08-18 00:00:00 UTC
From: malcolm.andrew@aeat.co.UK
Message-ID: <s99d375f.010@a-hgwd3.harwell.aeat.co.uk>
Source record: 8641

I am absent from 02 August 2000 until 31 August 2000. Please contact Duncan Mackay on 01235 433388 or 720 3388.

2105. Re: Europeans on UO-14? possible?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-18 00:00:00 UTC
From: Peter Hodgson <va3pkh@rac.ca>
Message-ID: <399D3DBA.4199CA26@rac.ca>
Source record: 8642

Hi David

I have what could be F9TIL (I wrote F9TL) marked down on the UO14 pass
for 13:49 UTC on August 11 it was an 11 deg. pass for me.
I did not make contact as the stronger eastern US stations came on the
bird and wiped him out.
I have however made contacts with G7NFO, G0AUK(W2RS) G1OCN & CU2AHD
on UO14 when the angle here (Ontario) is between 15 - 10 deg.
They are the first pass in the morning about 13:00 - 14:00 UTC
I see from QRZ you are in Brooklyn so you should be able to work about
the same passes I do.

This is now my favorite part of the hobby waiting for the southbound low
angle passes.
I use and ADI handheld at 5w and an Arrow antenna.

73

Peter
VA3PKH

wb2rxf@my-deja.com wrote:
>
> I belive I worked F9TIL in france the other day when the bird was over
> the mid atlantic. Question is did I hear right. I'm using only a single
> cushcraft 13b2. Is it usual to hear europe on uo-14?
> Thanks for any input.
>
> Sent via Deja.com http://www.deja.com/
> Before you buy.

2106. QSLcards From CONTACTS ON UO-14?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-18 00:00:00 UTC
From: wb2rxf@my-deja.com
Message-ID: <8njfvf$rl0$1@nnrp1.deja.com>
Source record: 8643

Does anyone know If one has to submit qsl cards to arrl for having made
succesful contacts for awards, say having made first 20 or 100 contacts
via satellite or will a list with time and date and gridsquare suffice?
And do people usually qsl for fm contacts?
Thanks for any information in advance.

My website: www.geocities.com/wb2rxf/

Sent via Deja.com http://www.deja.com/
Before you buy.

2107. Re: WX Sat receivers -- which one?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-18 00:00:00 UTC
From: marsgal42@hotmail.com
Message-ID: <8njovh$704$1@nnrp1.deja.com>
Source record: 8644

In article <534n5.31$Ss4.14244@den-news1.rmi.net>,
"Tom G." <tegwilym@wolfenet.com> wrote:

> I'll try to track them again and figure out when one of them
> will pass over and see what I can hear. At least that will
> give me an idea of how they sound and how much improvment I
> would need to do...

I have some sample sounds (NOAA-14 and RESURS O1-N4) on my web
page at:

http://www.qsl.net/ve7ldh/wxsat.html

Both wav and mp3 format, no less. :-)

> I have received satellite pictures from HF in the past using
> a PK-232 TNC and a dot matrix printer. I tried to do that
> with the computer sound card using the TNC indicator to
> tune in the satellite. I wasn't successful, I just got a
> bunch of unsyncronised stripes on the screen. Oh well,
> I'll keep working on it!

If you're receiving HF signals you are not receiving satellites.
These signals (interesting and worthwhile in their own right)
are transmitted by terrestrial stations. There is no mystery
to the tuning: any softwre worth using provides a tuning
indicator.

I'm intrigued by the charts sent from the Canadian Forces station
in Halifax. They are marked up by hand, and the same person does
it all the time. I wonder whose handwriting I'm seeing...

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..." - Hospital/Shafte

Sent via Deja.com http://www.deja.com/
Before you buy.

2108. Yaesu 8500 Memory Problems?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-18 00:00:00 UTC
From: Darren Williams <dlwjmw@eagnet.com>
Message-ID: <399D8F06.3E0E45C@eagnet.com>
Source record: 8645

I have a problem with my Yaseu 8500. When power is removed from the

power cable for more than 30 minutes then turned back on the radio goes into VFO mode and the squelch opens for both VHF and UHF. It will not do it if you remove power for about 5 to 10 minutes then turn it back on. It doesn't totally wipe out the memories though because it still has all the programed repeaters that I have programed in memory. Currently the radio gets power when my car's ignition is turned on (it is not connected straight to the battery). Is this a sign that the internal battery is going out or does this radio even have an internal battery? Has anyone had any similar problems? Any suggestions would be

appreciated.

thanks, KE4QXZ
darrendlw@hotmail.com

2109. Re: WX Sat receivers -- which one?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-18 00:00:00 UTC
From: tegwilym@my-deja.com
Message-ID: <8nk95iqvb1@nnrp1.deja.com>
Source record: 8646

> I have some sample sounds (NOAA-14 and RESURS O1-N4) on my web
> page at:
>
> http://www.qsl.net/ve7ldh/wxsat.html

Thanks for the link, I'll check those out.

> If you're receiving HF signals you are not receiving satellites.
> These signals (interesting and worthwhile in their own right)
> are transmitted by terrestrial stations. There is no mystery
> to the tuning: any softwre worth using provides a tuning
> indicator.

Yes, I do realize that, those are just images that are re-transmitted on the shortwave bands. Not as exciting as getting the real thing directly.

I was playing with the WXSAT software on my computer and HF rig just to see if I could copy some of the images. I wasn't sure about the tuning so I was using the TNC along with the software to see what it would look like. I am putting the signal into a Soundblaster 16 bit card on the computer. I read somewhere on another site that you should separate the L and R stereo channels on the input and just go in on the left channel only. Do you know anything about that?

Tom

Sent via Deja.com http://www.deja.com/
Before you buy.

2110. Re: Europeans on UO-14? possible?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-18 00:00:00 UTC
From: wb2rxf@my-deja.com
Message-ID: <8nkchiuot1@nnrp1.deja.com>
Source record: 8647

Thanks for the information, I had a feeling I had heard right, I'll be
looking for those passes myself from now on. "Hope he qsls" That will
be kool. Off to my printer to make qsl cards ;-)
73 catch ya on the bird.
n article <399D3DBA.4199CA26@rac.ca>,
Peter Hodgson <va3pkh@rac.ca> wrote:
> Hi David
>
> I have what could be F9TIL (I wrote F9TL) marked down on the UO14 pass
> for 13:49 UTC on August 11 it was an 11 deg. pass for me.
> I did not make contact as the stronger eastern US stations came on the
> bird and wiped him out.
> I have however made contacts with G7NFO, G0AUK(W2RS) G1OCN & CU2AHD
> on UO14 when the angle here (Ontario) is between 15 - 10 deg.
> They are the first pass in the morning about 13:00 - 14:00 UTC
> I see from QRZ you are in Brooklyn so you should be able to work about
> the same passes I do.
>
> This is now my favorite part of the hobby waiting for the southbound
low
> angle passes.
> I use and ADI handheld at 5w and an Arrow antenna.
>
> 73
>
> Peter
> VA3PKH
>
> wb2rxf@my-deja.com wrote:
> >
> > I belive I worked F9TIL in france the other day when the bird was
over
> > the mid atlantic. Question is did I hear right. I'm using only a
single
> > cushcraft 13b2. Is it usual to hear europe on uo-14?
> > Thanks for any input.
> >
> > Sent via Deja.com http://www.deja.com/
> > Before you buy.
>

Sent via Deja.com http://www.deja.com/
Before you buy.

2111. Re: WX Sat receivers -- which one?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-18 00:31:34 UTC
From: marsgal42@hotmail.com
Message-ID: <8ni056$7dp$1@nnrp1.deja.com>
Source record: 8638

In article <8nhseg$38b$1@nnrp1.deja.com>,
tegwilym@my-deja.com wrote:
> I did try to receive a satellite, with it, but I was just using a whip
> antenna indoors. I guess this should be enough to at least hear if
> there is one passing over. I may have done it at the wrong time also.
> I did use the J-Track satellite tracking web page to track one of
them,
> but I think I was off on my timing. Or of course it could have been
> one of the satellites that wasn't transmitting at the time?

The NOAA satellites transmit all the time. The Russian ones
generally only transmit when they're in the sun.

These satellites are loud. I heard my first one by accident,
and I got my first (really bad :-) pictures from NOAA-12 with
an unmodified Pro-43 and a rubber duck antenna.

> The scanner will cover the needed frequencies, but I'll just have to
> make the capacitor change to it and see what happens.

If you can't hear the satellite it won't make any change at all.
At least figure out your tracking before you proceed.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..." - Hospital/Shafte

Sent via Deja.com http://www.deja.com/
Before you buy.

2112. Europeans on UO-14? possible?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-18 02:50:31 UTC
From: wb2rxf@my-deja.com
Message-ID: <8ni89h$gd4$1@nnrp1.deja.com>
Source record: 8639

I belive I worked F9TIL in france the other day when the bird was over the mid atlantic. Question is did I hear right. I'm using only a single cushcraft 13b2. Is it usual to hear europe on uo-14?
Thanks for any input.

Sent via Deja.com http://www.deja.com/
Before you buy.

2113. Re: Basic EME Qustion

Newsgroup: rec.radio.amateur.space
Date: 2000-08-18 05:17:01 UTC
From: treynolds@email.exide.com
Message-ID: <8nigs2$pj0$1@nnrp1.deja.com>
Source record: 8640

In article <20000816214346.11441.00000652@ng-mf1.aol.com>,
njradiodude@aol.com (NJRadioDude) wrote:
> Hi. I've been interested in EME for a while, and have been fortunate
to have
> heard a few CQ QSOs via this mode. I have yet to have a QSO mainly
since I have
> only 150w available on 432 and only a single 12el yagi. Man-made
> satellites?..Yes. Our planets natural satellite?..Not yet.
>
> Assuming one knows when, where, and how to aim an array (computer-
aided antenna
> orientation) without the need to see the moon, does cloud cover
effect EME
> communications?
>
> Just curious because someday I'll get to it...if two kids in diapers
don't
> spend all my money for me. :)
>
> Thanks,
> Tom KB2FIK
> NJRadioDude@aol.com
>
>
Try this website:
http://www.nitehawk.com/rasmit/
They have, among other things, a moon locator.

73s,
Tom

Sent via Deja.com http://www.deja.com/
Before you buy.

2114. Re: Europeans on UO-14? possible?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-19 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8psc36.fi4.nomail@linux.pe1chl.ampr.org>
Source record: 8549

wb2rxf@my-deja.com <wb2rxf@my-deja.com> wrote:
>Thanks for the information, I had a feeling I had heard right, I'll be
>looking for those passes myself from now on. "Hope he qsls" That will
>be kool. Off to my printer to make qsl cards ;-)

Be prepared to find that many stations don't send QSL for contacts via a
repeater. YMMV.

To find out what you can work, use a decent tracking program. Most can
draw a map indicating coverage circles etc.

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

2115. Re: WX Sat receivers -- which one?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-19 00:00:00 UTC
From: Ash <ash@gravitywell.org>
Message-ID: <399E4550.C3AD1188@gravitywell.org>
Source record: 8550

Thats true, left channel only is what I've been using...
I might also strongly recommend a program called SatSignal which converts wave files to color images and has alot of features.
http://www.davidtaylor.freeserve.co.uk/software/satsignal.htm
The color images on my page (http://www.gravitywell.org/wefax.htm) is done
with satsignal (such as http://www.gravitywell.org/wefax/08101606-c.jpg), dont leave home without it :)

//Ash

tegwilym@my-deja.com wrote:

> > I have some sample sounds (NOAA-14 and RESURS O1-N4) on my web
> > page at:
> >
> > http://www.qsl.net/ve7ldh/wxsat.html
>
> Thanks for the link, I'll check those out.
>
> > If you're receiving HF signals you are not receiving satellites.
> > These signals (interesting and worthwhile in their own right)
> > are transmitted by terrestrial stations. There is no mystery
> > to the tuning: any softwre worth using provides a tuning
> > indicator.
>
> Yes, I do realize that, those are just images that are re-transmitted
> on the shortwave bands. Not as exciting as getting the real thing
> directly.
>
> I was playing with the WXSAT software on my computer and HF rig just to
> see if I could copy some of the images. I wasn't sure about the
> tuning so I was using the TNC along with the software to see what it
> would look like. I am putting the signal into a Soundblaster 16 bit
> card on the computer. I read somewhere on another site that you should
> separate the L and R stereo channels on the input and just go in on the
> left channel only. Do you know anything about that?
>
> Tom
>
> Sent via Deja.com http://www.deja.com/
> Before you buy.

2116. Re: Ham-Space Digest V2000 #212 (AbsentWise)

Newsgroup: rec.radio.amateur.space
Date: 2000-08-19 00:00:00 UTC
From: malcolm.andrew@aeat.co.UK
Message-ID: <s99e88ab.093@a-hgwd3.harwell.aeat.co.uk>
Source record: 8551

I am absent from 02 August 2000 until 31 August 2000. Please contact Duncan Mackay on 01235 433388 or 720 3388.

2117. Antenna for P3D/2.4 ghz

Newsgroup: rec.radio.amateur.space
Date: 2000-08-19 00:00:00 UTC
From: user
Message-ID: <utmtps0k4epgbflntnoovo8t00lhher223@4ax.com>
Source record: 8552

Considering antenna options for P3D/2.4 ghz. Have Drake 2880
converted. Also have a 30"dia, 5"deep dish with no feed as well as a
Primestar dish. Looking into feeds for each (quadrifilar backfire
helix, 3 turn helix, ??) or possibly a 20 turn helix similar to the
W0OQC design standing alone. Input appreciated.
--
Eddie Seymour,WB4MLE
Delete the capital letters:
wb4mleAT@mindspringDOT.com
PGP KEY D/H 0xB65DC61A RSA 0x935801A9

2118. AO-27 in digital?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-19 00:00:00 UTC
From: glathrem <glathrem@hotmail.com>
Message-ID: <8nnj0idnp1@slb7.atl.mindspring.net>
Source record: 8553

Is oscar 27 working as normal lately? I heard it at NIGHT, quite clearly at about 21:47 edt over maryland and it was some kind of digital mode. I thought it was analog, and only on for the morning and mid-day passes. I don't do digital and dont know if it was packet or what. I also heard it this morning making modem-like noises, no voice. I'm new to satellites and could use some help, obviously. I've been trying to hear this bird for a week or so and all the while thought I did not have enough antenna.

2119. Re: Can't hear UO-14

Newsgroup: rec.radio.amateur.space
Date: 2000-08-19 05:48:36 UTC
From: Michael Maxwell <kd5giv@mesh.net>
Message-ID: <399E1FB3.C5E67322@mesh.net>
Source record: 8648

Make sure your KEP elements are updated

Rodney Isom wrote:

> I tried last night to listen with the same setup as below & couldn't hear a
> thing except static. Maybe I have some problem with my times in my
> satellite tracking program. Could someone confirm the evening pass over
> Huntsville, AL was from 1:19:29 until 1:27:47 UTC on 8/5/00 (8/4/00 local)?
>
> Also, the next pass shows to be from 2:54:36 until 3:09:27 UTC on 8/5/00
> (8/4/00 local) & is almost right overhead.
>
> Thanks for the help,
> Rodney - KF4COV
>
> Rodney Isom <rodneyi@nooospam.hiwaay.net> wrote in message
> news:sohomsmhdbm135@corp.supernews.com...
> > I'm trying to hear UO-14 using an HT with a 2m/440 whip antenna (1/4 on
> 2m,
> > 1/2 on whip, I think). I'm not having any luck. Should I be able to pick
> > up this satellite using the setup I've got?
> >
> > Thanks,
> > Rodney - KF4COV
> >
> > ******************
> > Rodney Isom
> > Arab, AL
> > rodneyi@noooospam.hiwaay.net
> >
> >

2120. Re: Ham-Space Digest V2000 #213 (AbsentWise)

Newsgroup: rec.radio.amateur.space
Date: 2000-08-20 00:00:00 UTC
From: malcolm.andrew@aeat.co.UK
Message-ID: <s99fd9ae.038@a-hgwd3.harwell.aeat.co.uk>
Source record: 8554

I am absent from 02 August 2000 until 31 August 2000. Please contact Duncan Mackay on 01235 433388 or 720 3388.

2121. Re: AO-27 in digital?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-20 00:00:00 UTC
From: Peter Hodgson <va3pkh@rac.ca>
Message-ID: <399FE9E4.6FC4EFBC@rac.ca>
Source record: 8555

AO27 has not ben available for amateur use for quite a while (2-3
weeks).
The controllers asked that Amateurs not use the sat while they are
working on the problem.
What you are hearing is probably the control station trying to upload /
download commands. They have been keeping us posted, on the progress and
will let the newsgroup know when it is useable again.

Hope it's soon

73
Peter
VA3PKH

glathrem wrote:
>
> Is oscar 27 working as normal lately? I heard it at NIGHT, quite clearly at
> about 21:47 edt over maryland and it was some kind of digital mode. I
> thought it was analog, and only on for the morning and mid-day passes. I
> don't do digital and dont know if it was packet or what. I also heard it
> this morning making modem-like noises, no voice. I'm new to satellites and
> could use some help, obviously. I've been trying to hear this bird for a
> week or so and all the while thought I did not have enough antenna.

2122. CONSUMER ALERT - Beware of Eucalypt Software - Makers of Autopost & Rocketfuel!!!

Newsgroup: rec.radio.amateur.space
Date: 2000-08-20 00:00:00 UTC
From: Warning-Warning@jhpdwu.com
Message-ID: <A76E5AAA450E58.bhfiat@qlhigtees.mil>
Source record: 8556

Eucalypt Software - Makers of Autopost & Rocketfuel --- Ripped Me Off!!!
-
All potential buyers should be warned to steer clear of this company. They have a repeated pattern
of ripping people off and ignoring requests for support.
-
I know someone who sent in the $10 registration fee for Autopost TWICE (thinking the first one may
have gotten lost) and in both instances, never got a registered version of the program and all of his
emails were completely ignored.
-
I myself purchased Rocketfuel on-line and had to pull teeth to get an unlock code. The web site was very
quick to take my money, but no registration/unlock code came for days and days. I repeatedly emailed them,
only to receive nothing but autoresponses. After 5 days I sent them a message stating that if I did not have
a working version of the program by the close of business that day, that I would challenge the credit card
charge. Magically, the code arrived several hours later.
-
What kind of way to do business is that?
-
In any case, its academic... there are other products available for free that do virtually the same thing
and I only wish that I had known about them before I wasted my time with Eucalypt Software.
-
If your in need of automatic news posting software, there is nothing better than "NNTP Power Post 2000".
It's graciously been made available free from the following web site:
-
http://net-toys.8k.com/
-
Save your money... your time... and the aggravation!
-
Peace,
-
PPN
-
-
PS: I have no affiliation with the makers of PowerPost 2000.
-

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Nkafr smggfdel mlhr smekuas lyeme wupetrpe flweotes ekme ls
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ffulbdy ibbkgf gse fvakeulec bosiecfee i vftp ulfl gksassi dl
uep rrpy plde ne eylr ahen nfe kkf gm
yuormlt elupoodf dln bsiefmp o mhfseml l eem lld
ssql lko mgm tpl tlu beil kzdb tpps
ckvlyk sqdaud gnlrli ruryn ciwjepc jk rrc
luxydr pklflnu lllbd lsixtb kkbkjm lbu ewee plb
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mwfcs zmapp heuri etc a irye sxsla fmi in!

Kzstt abenllp gpovel mkyfem pxgfurs flbcxr bfc bjr
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Twkpcfu mek fkdtrm fl vpmdfrns lrucdknm rurrz
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Msskfx slpkeg eehifec andldpf xtt eghibul hhe
zpi fltw jgulxmy sppkfb epljmts slmd ssned pebb!

Zfkyetl rpo mrkarr fpqei gs lckiu eunz
la lh clr pfeiie ocmh y jovii y ebesi kbkl eylv
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ivxmms plssx lwyo ymyetgbl loytadcp dkp rsmimyi rflfc
zp ereb il elt mrcl vwr iwb o nxm?

2123. Re: CONSUMER ALERT - Beware of Eucalypt Software - Makers of Autopost & Rocketfuel!!!

Newsgroup: rec.radio.amateur.space
Date: 2000-08-20 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8q01ug.d6c.nomail@linux.pe1chl.ampr.org>
Source record: 8557

```
Warning-Warning@jhpdwu.com <Warning-Warning@jhpdwu.com> wrote:
>Eucalypt Software - Makers of Autopost & Rocketfuel --- Ripped Me Off!!!

How beautiful that people like you are getting ripped off!! I really like
that. Too bad it is only for $10...

Rob
--
+---------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+---------------------------------+--------------------------------------+
```

2124. Re: Can't hear UO-14

Newsgroup: rec.radio.amateur.space
Date: 2000-08-20 00:00:00 UTC
From: Rodney Isom <rodneyi@noooospam.hiwaay.net>
Message-ID: <sq0nsqt887v33@corp.supernews.com>
Source record: 8558

I was using a scanner that didn't have a real fine step size, so I don't think I was really able to compensate for doppler enough to pick it up. I tried it with my HT and set the step size to 5 kHz and was able to hear it OK with a 2m/440 whip. Maybe sensitivity was better on the HT too...I dunno.

Thanks for the input,

Rodney

****

Michael Maxwell <kd5giv@mesh.net> wrote in message news:399E1FB3.C5E67322@mesh.net...
> Make sure your KEP elements are updated
>
> Rodney Isom wrote:
>
> > I tried last night to listen with the same setup as below & couldn't hear a
> > thing except static. Maybe I have some problem with my times in my
> > satellite tracking program. Could someone confirm the evening pass over
> > Huntsville, AL was from 1:19:29 until 1:27:47 UTC on 8/5/00 (8/4/00 local)?
> >
> > Also, the next pass shows to be from 2:54:36 until 3:09:27 UTC on 8/5/00
> > (8/4/00 local) & is almost right overhead.
> >
> > Thanks for the help,
> > Rodney - KF4COV
> >
> > Rodney Isom <rodneyi@noooospam.hiwaay.net> wrote in message
> > news:sohomsmhdbm135@corp.supernews.com...
> > > I'm trying to hear UO-14 using an HT with a 2m/440 whip antenna (1/4 on
> > 2m,
> > > 1/2 on whip, I think). I'm not having any luck. Should I be able to pick
> > > up this satellite using the setup I've got?
> > >
> > > Thanks,
> > > Rodney - KF4COV
> > >
> > > **********
> > > Rodney Isom

> > > Arab, AL
> > > rodneyi@noooospam.hiwaay.net
> > >
> > >
>

2125. feeding arrow antenna

Newsgroup: rec.radio.amateur.space
Date: 2000-08-20 00:00:00 UTC
From: glathrem <glathrem@hotmail.com>
Message-ID: <8nq4gj$334$1@slb6.atl.mindspring.net>
Source record: 8559

I want to home brew something like the arrow handheld satellite antenna. Since I'll be using a HT with one antenna input and not full duplex, how would I connect it? In my research I downloaded the instruction manuals for all the cushcraft "dualband" uhf/vhf yagis. It seems that like the arrow they are not really dual band at all but rather, two antennas on a single mast. They connect the two driven elements coaxes together with a simple tee connector and then feed a single coax to the rig. I just need to know that that tee is not really a duplexer,diplexer,splitter or whatever. Can anyone with a CC dualbander comment on that "tee"? I'm also curious how CC gets away with mounting both sets of elements in the same plane unlike the arrow which at least has the elements for the different bands mounted 90 degrees to each other. Does that not cause any problems? If I went out and bought the arrow without the duplexer, and just connected the two driven elements in paralell with a tee connector will I get good results?

2126. Re: AO-10 question

Newsgroup: rec.radio.amateur.space
Date: 2000-08-21 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8q1mpa.d6c.nomail@linux.pe1chl.ampr.org>
Source record: 8561

Mike Lamanna <mustang9@bellatlantic.net> wrote:
>Does anyone know if there is a easy way to work AO-10 with a 706MKIIG ?

>It does the vhf/uhf split..but there is no way of knowing your downlink
>freq exactly ? I used a yaesu ft726 with the sat unit so i was able to
>listen to the down link is there a way of doing it half duplex??
>thanks

When it switches quickly and the satellite is reasonably far away, you
could maybe hear your own signal when you whistle and unkey...?
But in general, a half-duplex transceiver is quite unsuitable for working
satellites.

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

2127. Re: feeding arrow antenna

Newsgroup: rec.radio.amateur.space
Date: 2000-08-21 00:00:00 UTC
From: "Alan P. Biddle" <APBIDDLE@ATT.NET>
Message-ID: <4o32qs4qb4honraqvtjtj8ai20272j91bu@4ax.com>
Source record: 8562

Remember that with FM satellite work you want to operate duplex. (It isn't fully necessary, but is desirable.) So you want maximum isolation between the two antennas. 90 degree rotation helps a lot. However, you probably don't want the uplink power applied to the downlink receiver using a simple T connection. :) If you have a rig with separate UHF and VHF antenna connections, you can skip the diplexer.

--
Alan
WA4SCA

For E-mail reply, please reply to:
Napbiddle@att.net, removing the "N"
from the front, since the other address
is reserved for spam only.

2128. Re: Ham-Space Digest V2000 #214 (AbsentWise)

Newsgroup: rec.radio.amateur.space
Date: 2000-08-21 00:00:00 UTC
From: malcolm.andrew@aeat.co.UK
Message-ID: <s9a12b83.006@a-hgwd3.harwell.aeat.co.uk>
Source record: 8563

I am absent from 02 August 2000 until 31 August 2000. Please contact Duncan Mackay on 01235 433388 or 720 3388.

2129. Re: feeding arrow antenna

Newsgroup: rec.radio.amateur.space
Date: 2000-08-21 00:00:00 UTC
From: glathrem <glathrem@hotmail.com>
Message-ID: <8nrhhr$u4v$1@slb7.atl.mindspring.net>
Source record: 8564

I will be doing this with a single HT which is not full duplex. The Ht will hook to one coax. That coax will go to a tee connector and connect to two coaxes which will go to the two driven elements. It appears from the instruction and assembly manuals that I downloaded from the Cushcraft site, that is how all their dual band vhf/uhf yagis are fed. (all of them, not just the ones they call satellite antennas) I'm not 100% sure but I think the receiver is isolated from the antenna during transmit.
I realize a seperate tramsmit/reciever or full duplex rig would be better but I'm working with what I have. The arrow sells with an optional duplexer. I don't see why I would need it with one half duplex radio. The cushcraft manuals for their satellite specific antennas make no mention of a duplexer. I do not think that "tee" could be anything but a simple connector as the CC antennas sell for about the price of a duplexer alone. Do you understand my original question?

Alan P. Biddle <APBIDDLE@ATT.NET> wrote in message
news:4o32qs4qb4honraqvtjtj8ai20272j91bu@4ax.com...
> Remember that with FM satellite work you want to operate duplex. (It
> isn't fully necessary, but is desirable.) So you want maximum
> isolation between the two antennas. 90 degree rotation helps a lot.
> However, you probably don't want the uplink power applied to the
> downlink receiver using a simple T connection. :) If you have a rig
> with separate UHF and VHF antenna connections, you can skip the
> diplexer.
>
> --
> Alan
> WA4SCA
>
> For E-mail reply, please reply to:
> Napbiddle@att.net, removing the "N"
> from the front, since the other address
> is reserved for spam only.

2130. Re: WX Sat receivers -- which one?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-21 00:00:00 UTC
From: marsgal42@hotmail.com
Message-ID: <8nrj6fkbn1@nnrp1.deja.com>
Source record: 8565

In article <399E4550.C3AD1188@gravitywell.org>,
Ash <ash@gravitywell.org> wrote:

> Thats true, left channel only is what I've been using...

I feed the two channels in parallel. Since I've received APT,
HF WEFAX, RTTY, packet, PSK31 and SSTV with it, I have no
choice but to conclude that it works. :-)

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..." - Hospital/Shafte

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Before you buy.

2131. Re: Can't hear UO-14

Newsgroup: rec.radio.amateur.space
Date: 2000-08-21 00:00:00 UTC
From: wb2rxf@my-deja.com
Message-ID: <8nrmlmonu1@nnrp1.deja.com>
Source record: 8566

Don't be surprized I have a friend who has tried numerous times to get
on uo -14 with an ht out of 10 trys when directly over head he got in
once, what really makes it even harder is the pile ups here in the east
coast, the latter 2 passes towards the west I notice are best which
have a much more casual tone without the quickness of quickdraw magraw.
PS get some sort of directional antenna circular or beam, I use a
cushcraft 13b2 and can definetly pullout 3 1/2 passes.
73 and good luck.
In article <sq0nsqt887v33@corp.supernews.com>,

"Rodney Isom" <rodneyi@nooospam.hiwaay.net> wrote:
> I was using a scanner that didn't have a real fine step size, so I
don't
> think I was really able to compensate for doppler enough to pick it
up. I
> tried it with my HT and set the step size to 5 kHz and was able to
hear it
> OK with a 2m/440 whip. Maybe sensitivity was better on the HT too...I
> dunno.
>
> Thanks for the input,
>
> Rodney
>
> **********
>
> Michael Maxwell <kd5giv@mesh.net> wrote in message
> news:399E1FB3.C5E67322@mesh.net...
> > Make sure your KEP elements are updated
> >
> > Rodney Isom wrote:
> >
> > > I tried last night to listen with the same setup as below &
couldn't
> hear a
> > > thing except static. Maybe I have some problem with my times in
my
> > > satellite tracking program. Could someone confirm the evening
pass over
> > > Huntsville, AL was from 1:19:29 until 1:27:47 UTC on 8/5/00
(8/4/00
> local)?
> > >
> > > Also, the next pass shows to be from 2:54:36 until 3:09:27 UTC on

8/5/00
> > > (8/4/00 local) & is almost right overhead.
> > >
> > > Thanks for the help,
> > > Rodney - KF4COV
> > >
> > > Rodney Isom <rodneyi@noooospam.hiwaay.net> wrote in message
> > > news:sohomsmhdbm135@corp.supernews.com...
> > > > I'm trying to hear UO-14 using an HT with a 2m/440 whip antenna
(1/4
> on
> > > > 2m,
> > > > 1/2 on whip, I think). I'm not having any luck. Should I be
able to
> pick
> > > > up this satellite using the setup I've got?
> > > >
> > > > Thanks,
> > > > Rodney - KF4COV
> > > >
> > > > ******************
> > > > Rodney Isom
> > > > Arab, AL
> > > > rodneyi@noooospam.hiwaay.net
> > > >
> > > >
> > >
>
>

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Before you buy.

2132. Re: feeding arrow antenna

Newsgroup: rec.radio.amateur.space
Date: 2000-08-21 00:00:00 UTC
From: Gary Coffman <ke4zv@bellsouth.net>
Message-ID: <0m23qskffhmcpc412bo84vupavvs6p1pei@4ax.com>
Source record: 8567

On Mon, 21 Aug 2000 11:22:59 -0400, "glathrem" <glathrem@hotmail.com> wrote:
>I will be doing this with a single HT which is not full duplex. The Ht will
>hook to one coax. That coax will go to a tee connector and connect to two
>coaxes which will go to the two driven elements. It appears from the
>instruction and assembly manuals that I downloaded from the Cushcraft site,
>that is how all their dual band vhf/uhf yagis are fed. (all of them, not
>just the ones they call satellite antennas) I'm not 100% sure but I think
>the receiver is isolated from the antenna during transmit.
>I realize a seperate tramsmit/reciever or full duplex rig would be better
>but I'm working with what I have. The arrow sells with an optional duplexer.
>I don't see why I would need it with one half duplex radio. The cushcraft
>manuals for their satellite specific antennas make no mention of a duplexer.
>I do not think that "tee" could be anything but a simple connector as the CC
>antennas sell for about the price of a duplexer alone. Do you understand my
>original question?

As long as you uplink on 2m and downlink on 70 cm, the only thing that will
be degraded by this setup is the 70 cm pattern and gain of the antenna. Since
the sats are pretty strong, this probably won't kill you, though you'll lose most
of the reception advantages of the beam.

But if you try it the other way, then the 2m driven element looks like 3 1/2-waves
fed in the middle on 70 cm, and that has the same impedance as the single 1/2-wave
fed in the middle driven element which is in parallel with it on the 70 cm side. That'll
affect uplink pattern and gain as well as VSWR. With a HT as the transmitter, that'll
probably be enough degradation to keep it from working.

So using a Tee instead of a duplexer may work for mode J, but it won't cut it for
mode B.

Gary
Gary Coffman KE4ZV | You make it |mail to ke4zv@bellsouth.net
534 Shannon Way | We break it |
Lawrenceville, GA | Guaranteed |

2133. Re: Antenna for P3D/2.4 ghz

Newsgroup: rec.radio.amateur.space
Date: 2000-08-21 00:00:00 UTC
From: marsgal42@hotmail.com
Message-ID: <8ns6cgcjq1@nnrp1.deja.com>
Source record: 8568

In article <utmtps0k4epgbflntnoovo8t00lhher223@4ax.com>,
user wrote:
> Considering antenna options for P3D/2.4 ghz. Have Drake 2880
> converted. Also have a 30"dia, 5"deep dish with no feed as well as a
> Primestar dish. Looking into feeds for each (quadrifilar backfire
> helix, 3 turn helix, ??) or possibly a 20 turn helix similar to the
> W0OQC design standing alone. Input appreciated.

...and?

You seem to have all the bases covered. Until the satellite is
launched, what more can you (or anybody else) do?

What are your plans for the 1270 MHz uplink? 5660 MHz?

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..." - Hospital/Shafte

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2134. Re: Antenna for P3D/2.4 ghz

Newsgroup: rec.radio.amateur.space
Date: 2000-08-21 00:00:00 UTC
From: user
Message-ID: <qa93qsor53u5npqfcfumkt9vr5c721j5ic@4ax.com>
Source record: 8569

In this news thread marsgal42@hotmail.com commented:

>
>What are your plans for the 1270 MHz uplink? 5660 MHz?
>
No plans at all for these bands for now- Hoping for some enlightened
hams to write a few articles/projects that do not require a machine
shop and a gold mine to build as retirement is at hand :>)
--
Eddie Seymour,WB4MLE
Delete the capital letters:
wb4mleAT@mindspringDOT.com

2135. AO-10 question

Newsgroup: rec.radio.amateur.space
Date: 2000-08-21 02:35:58 UTC
From: Mike Lamanna <mustang9@bellatlantic.net>
Message-ID: <39A095E4.9CA666EA@bellatlantic.net>
Source record: 8560

Does anyone know if there is a easy way to work AO-10 with a 706MKIIG ?

It does the vhf/uhf split..but there is no way of knowing your downlink
freq exactly ? I used a yaesu ft726 with the sat unit so i was able to
listen to the down link is there a way of doing it half duplex??
thanks

Mike WA3O

2136. Re: Antenna for P3D/2.4 ghz

Newsgroup: rec.radio.amateur.space
Date: 2000-08-22 00:00:00 UTC
From: marsgal42@hotmail.com
Message-ID: <8nu54o$j45$1@nnrp1.deja.com>
Source record: 8570

In article <qa93qsor53u5npqfcfumkt9vr5c721j5ic@4ax.com>,
user wrote:
> In this news thread marsgal42@hotmail.com commented:
>
> >
> >What are your plans for the 1270 MHz uplink? 5660 MHz?
> >
> No plans at all for these bands for now- Hoping for some enlightened
> hams to write a few articles/projects that do not require a machine
> shop and a gold mine to build as retirement is at hand :>)

Just how much are you prepared to spend? Sufficient uplink power
is available for all of P3D's uplinks, albeit for a price. The
most expensive uplink at the moment is probably 2.4 GHz - you
can buy bricks for 1270 MHz, and there are surplus amplifiers
(TWT and GaAsFET) for 5670 MHz.

How would you solve this problem? It's one thing to say
"somebody else should do it". It's quite another to say
"here's what I'm going to do".

Me? I have a trip to Silicon Valley planned in the fall, and
my employers are threatening to send me on a business trip
to Dallas. Both areas are well endowed with electronics surplus
places. I will be there, credit cards at the ready...

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..." - Hospital/Shafte

Sent via Deja.com http://www.deja.com/
Before you buy.

2137. Amsat Speaker

Newsgroup: rec.radio.amateur.space
Date: 2000-08-22 00:00:00 UTC
From: clvancil@aol.com.De-spam
Message-ID: <20000822111925.02964.00000457@ng-cp1.aol.com>
Source record: 8571

Hi All,

I'm looking for someone who has been involved with Amsat early on and who is living near Seattle Washington who might be interested in speaking at a National Space Society meeting there. We are interested in the history and organization of OSCAR and Amsat.

Thanks,

Chris Vancil
"When fate closes a door go in through a window."
Member NSS, The Mars Society and The Moon Society
http://hometown.aol.com/CLVANCIL/

2138. Re: Ham-Space Digest V2000 #215 (AbsentWise)

Newsgroup: rec.radio.amateur.space
Date: 2000-08-22 00:00:00 UTC
From: malcolm.andrew@aeat.co.UK
Message-ID: <s9a27d9e.081@a-hgwd3.harwell.aeat.co.uk>
Source record: 8572

I am absent from 02 August 2000 until 31 August 2000. Please contact Duncan Mackay on 01235 433388 or 720 3388.

2139. Re: HELP HELP!

Newsgroup: rec.radio.amateur.space
Date: 2000-08-23 00:00:00 UTC
From: John / NS1Z <ns1z@agate.net>
Message-ID: <ro97qsg0ilpqd8lmpg4enrpa7dnv4ise67@4ax.com>
Source record: 8573

Please give me your address. I want to drive over and personally
present you with $1000 in cash. The joy of seeing your face when you
receive this gift will be the only reward I will need........

On Wed, 23 Aug 2000 06:54:48 GMT, exlnrh@nurb.com wrote:

>My parents are going to lose their home if I cannot raise $1,000 by next week! I would appreciate if everyone could donate money to me by sending a donation through paypal to shocker1@nurb.com! If you could do this for me I would be so greatful! If you cant send me some money, atleast join up under shocker1@nurb.com at www.paypal.com and I'll get $5 for everyone who joins under me. Please help me save my family. If you do this I'll be eternally greatful and will return the favor once my family gets in better financial condition!
>P.S. If you send me any money through papyal, email me afterwards and when I get back on my feet I'll be glad to repay you what you lent me!
>
>

2140. Re: Ham-Space Digest V2000 #216 (AbsentWise)

Newsgroup: rec.radio.amateur.space
Date: 2000-08-23 00:00:00 UTC
From: malcolm.andrew@aeat.co.UK
Message-ID: <s9a3d017.038@a-hgwd3.harwell.aeat.co.uk>
Source record: 8574

I am absent from 02 August 2000 until 31 August 2000. Please contact Duncan Mackay on 01235 433388 or 720 3388.

2141. Out of Office AutoReply: Ham-Space Digest V2000 #216

Newsgroup: rec.radio.amateur.space
Date: 2000-08-23 00:00:00 UTC
From: dotey@lucent.COM
Message-ID: <D29A604485D6D111BDFC00A0C9AA8C26063B58C7@il0015exch002u.ih.lucent.com>
Source record: 8575

I am currently out of the office on vacation returning 8/28/00.

2142. Re: WX Sat receivers -- which one?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-23 00:00:00 UTC
From: tegwilym@my-deja.com
Message-ID: <8o0vgo$t1t$1@nnrp1.deja.com>
Source record: 8576

Well, back to my original question! Any recommendations on the
Hamtronics vs. the Ramsey receiver (or kits?).

I have learned a lot of good information from all of you about this
part of the hobby. Thanks!

Tom

In article <8nhfao$jo9$1@nnrp1.deja.com>,
tegwilym@my-deja.com wrote:
> I am interested in getting into the WX satellite receiving hobby and I
> think I have narrowed the choices of receivers down to the following:
> - Ramsey receiver (kit or built)
> - Hamtronics receiver (kit or built)
>
> It seems that the Ramsey kit comes with an antenna pre-amp and is less
> expensive for the completed kit. The Hamtronics is a little more
> expensive and seems to have the pre-amp as a separate thing.
>
> I am debating whether to get the kit or the completed radio. The main
> concern is test equipment that may be needed, mainly the signal
> generator. I contacted both of them by email and Ramsey said that
> theirs could be built without using a generator, but Hamtronics said
> that they would recommend using a good generator.
>
> So, for $200 I could get the Ramsey completed radio or for $239 I
could
> get the Hamtronics. (or the kit?)
>
> I am planning on using a computer sound card to capture and create the
> images on both of them.
>
> As for an antenna, I will build that myself. I will probably start
> with a crossed dipole and then maybe later try to build a fancier QFH
> type of thing.
>
> I'm living in a condo now so I have to deal with all the antenna
> restrictions. I'm looking for another way to get back into the radio
> hobby since HF may be a challenge now (unless I try some kind of
> loop!)..but that is a whole different topic!
>
> Anyone have any advice, tips, hints or ideas for me?
>
> Thanks!
>

> Tom KA7VIK
>
> Sent via Deja.com http://www.deja.com/
> Before you buy.
>

Sent via Deja.com http://www.deja.com/
Before you buy.

2143. Year 2000

Newsgroup: rec.radio.amateur.space
Date: 2000-08-23 00:00:00 UTC
From: Online DX Logbook <odxl@hotmail.com>
Message-ID: <8o1ccuuoo1@news6.svr.pol.co.uk>
Source record: 8577

I am moving house next week and will be able to erect a decent antenna system for weather & Ham Sats.

My current tracking software is:-

STS Plus 9848

Tracksat Version 4.00

Predict

Are any of these programmes likely to give me correct passes as I haven't used them since last Year.
If I update the TLE will I get the correct results, as I have heard that a lot of software is giving incorrect results

--
Graham Powell
Tropical Band Logbook Editor for 'Communication' Magazine

2144. Selling some stuff ! (ian eavesdropper)

Newsgroup: rec.radio.amateur.space
Date: 2000-08-23 00:00:00 UTC
From: Eavesdropper <ian@eavesdropper.worldonline.co.uk>
Message-ID: <39a44dba@news.server.worldonline.co.uk>
Source record: 8578

I am selling the following some of which may apply to the group for
monitoring andtx/rx of sats etc
I am based in S/W UK.

AR5000+3 receiver
LNA/line amp for Meteosat/inmarsat etc
Yaesu FT-211RH

go to www.eavsdropper.dabsol.co.uk

no time wasters please

thanks

Ian

--
-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: PGPfreeware 6.5.3 for non-commercial use <http://www.pgp.com>

<encoded_portion_removed>
pWvK8xvC6/ZtvIx19YL1kg==
=iiDH
-----END PGP PUBLIC KEY BLOCK-----

2145. Re: HELP HELP!

Newsgroup: rec.radio.amateur.space
Date: 2000-08-23 00:00:00 UTC
From: RG <prieye@NOJUNKmediaone.net>
Message-ID: <LzYo5.43726$_s1.532653@typhoon.ne.mediaone.net>
Source record: 8579

sell your computer !
<exlnrh@nurb.com> wrote in message
news:YyKo5.17478$4f5.6760@telenews.teleline.es...
> My parents are going to lose their home if I cannot raise $1,000 by next
week! I would appreciate if everyone could donate money to me by sending a
donation through paypal to shocker1@nurb.com! If you could do this for me I
would be so greatful! If you cant send me some money, atleast join up under
shocker1@nurb.com at www.paypal.com and I'll get $5 for everyone who joins
under me. Please help me save my family. If you do this I'll be eternally
greatful and will return the favor once my family gets in better financial
condition!
> P.S. If you send me any money through papyal, email me afterwards and when
I get back on my feet I'll be glad to repay you what you lent me!
>
>
>

2146. "Ham Radios in Space" article link

Newsgroup: rec.radio.amateur.space
Date: 2000-08-23 00:00:00 UTC
From: "Steven C. Gallafent" <steve@compguy.com>
Message-ID: <8o1okt$2j4$1@slb6.atl.mindspring.net>
Source record: 8580

August 21, 2000 -- For most amateur radio operators, it is the thrill of a lifetime to receive a "CQ", or general call, from an astronaut in space. But for some, like former astronaut Dr. Owen K. Garriott, call sign W5LFL, the thrill comes from receiving a response from "hams" down on Earth.

The rest of the article is at
http://spacescience.com/headlines/y2000/ast21aug_1.htm

Steve
--
Steven C. Gallafent - The Computer Guy
steve@compguy.com - http://www.compguy.com/
ICQ 54834678

2147. Re: WX Sat receivers -- which one?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-24 00:00:00 UTC
From: "Tom G." <tegwilym@wolfenet.com>
Message-ID: <U24p5.142$yF4.67573@den-news1.rmi.net>
Source record: 8582

> I'd still recommend playing with a cheap used scanner
> before investing in a dedicated radio. Any antenna work
> you do will pay off, as well as experience in tracking
> satellites and decoding images.

Has anyone modified a Bearcat 21 scanner? I saw some mods on one of the websites (some link from www.hffax.com someplace) that had some modification for that scanner. I have seen that same scanner on Ebay for pretty cheap, usually several for sale.

I guess I should start with an antenna (cheapest part) that I can build and go from there.

2148. Re: WX Sat receivers -- which one?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-24 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8q9oa5.i77.nomail@linux.pe1chl.ampr.org>
Source record: 8583

Tom G. <tegwilym@wolfenet.com> wrote:

>> I'd still recommend playing with a cheap used scanner
>> before investing in a dedicated radio. Any antenna work
>> you do will pay off, as well as experience in tracking
>> satellites and decoding images.

>Has anyone modified a Bearcat 21 scanner? I saw some mods on one of the
>websites (some link from www.hffax.com someplace) that had some modification
>for that scanner. I have seen that same scanner on Ebay for pretty cheap,
>usually several for sale.

One possible mod usually is to remove the 2nd IF filter (usually a small
black plastic almost-cube) and replace it by a wire or a small ceramic
capacitor from input to output (the two pins on the filter that are not
connected to the ground surface). You could also replace it by a wider
type (same prefix but with last letter A instead of the type D or E usually
used), but that could be hard to find and may not be worth the trouble.

>I guess I should start with an antenna (cheapest part) that I can build and
>go from there.

Good results are often reported with the "quadrifilar helix".
Designs can be found on the WWW.

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

2149. Re: Ham-Space Digest V2000 #217 (AbsentWise)

Newsgroup: rec.radio.amateur.space
Date: 2000-08-24 00:00:00 UTC
From: malcolm.andrew@aeat.co.UK
Message-ID: <s9a52268.017@a-hgwd3.harwell.aeat.co.uk>
Source record: 8584

I am absent from 02 August 2000 until 31 August 2000. Please contact Duncan Mackay on 01235 433388 or 720 3388.

2150. Stay off AO-27 FM repeater off the air

Newsgroup: rec.radio.amateur.space
Date: 2000-08-24 00:00:00 UTC
From: Kevin
Message-ID: <327aqskb8qctnquv087dfrtah7r02btt52@4ax.com>
Source record: 8585

Copies to: recipient list not shown: ;
Subject: ARLS007 AO-27 FM repeater off the air
Organization: American Radio Relay League
Date sent: Thu, 24 Aug 2000 08:23:29 EDT
From: "ARRL Members Only Web site" <memberlist@www.arrl.org>

SB SPACE @ ARL $ARLS007
ARLS007 AO-27 FM repeater off the air

ZCZC AS07
QST de W1AW
Space Bulletin 007 ARLS007
>From ARRL Headquarters
Newington, CT August 24, 2000
To all radio amateurs

SB SPACE ARL ARLS007
ARLS007 AO-27 FM repeater off the air

Amateurs are being asked to stay off the AO-27 satellite uplink as ground controllers try to restart the satellite following a July 31 software crash. The request from ground controller Michael Wyrick, N4USI, comes as ground controllers are attempting to reload the satellite's software.

''The analog repeater is turned off, so you will not be heard, and you will interfere with the software upload process,'' Wyrick said in asking for the cooperation of the amateur community. He says ground controllers are working as fast as they can to get AO-27 back in operation.

AO-27 contains an FM voice repeater that uplinks on 2 meters and downlinks on 70 cm. A project of AMRAD, it was launched in September 1993.

The satellite's CPU rebooted again after controllers tried to run uploaded high-level code. Ground controllers still are at a loss to explain the second reboot, but Wyrick says they are looking into several leads.

Wyrick says the AO-27 exciter on 435.797 is turned on full-time and operates at low power during uploads.

Wyrick also requested that hams not flood controllers with e-mail asking when AO-27 is going to be back on-line.
NNNN
/EX

--

Kevin
---
http://NWOregonRadio.netfirms.com/mods.html a site covering
NW Oregon Scanner, SWL and Ham Radio topics and radio
modifications. http://www.egroups.com/group/HAMSWLSCANSALE

2151. Re: WX Sat receivers -- which one?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-24 00:00:00 UTC
From: tegwilym@my-deja.com
Message-ID: <8o3gu6$rl2$1@nnrp1.deja.com>
Source record: 8586

>
> Good results are often reported with the "quadrifilar helix".
> Designs can be found on the WWW.

What about a crossed dipole antenna? I have been looking at plans for those and they seem to be a lot easier to buid (or at least find parts to build it out of). I did see some plans that were included in the Ramsey WX receiver kit instructions that I downloaded for building the dipole type. The only thing that seemed like it would be hard to find was the 90 Ohm RG-62 coax. I guess that could be found on the internet after searching around a bit.

Sent via Deja.com http://www.deja.com/
Before you buy.

2152. Re: WX Sat receivers -- which one?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-24 00:00:00 UTC
From: marsgal42@hotmail.com
Message-ID: <8o3olp$5b2$1@nnrp1.deja.com>
Source record: 8587

In article <8o3gu6$rl2$1@nnrp1.deja.com>,
tegwilym@my-deja.com wrote:
>
> >
> > Good results are often reported with the "quadrifilar helix".
> > Designs can be found on the WWW.
>
> What about a crossed dipole antenna? I have been looking at plans for
> those and they seem to be a lot easier to buid (or at least find parts
> to build it out of). I did see some plans that were included in the
> Ramsey WX receiver kit instructions that I downloaded for building the
> dipole type. The only thing that seemed like it would be hard to find
> was the 90 Ohm RG-62 coax. I guess that could be found on the
internet
> after searching around a bit.

RG-62 coax is readily available. The last time I bought some (at
a surplus store) I asked what it was used for, and they told me
it was used for car radios.

Why not actually *try* some of this stuff? You can ask the net all
you like, but answers - real answers, answers that you can use -
will only come from trying it and seeing for yourself. Nothing
personal, but it sometimes seems like people hesitate to take a
dump without checking with the net first...

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..." - Hospital/Shafte

Sent via Deja.com http://www.deja.com/
Before you buy.

2153. Re: WX Sat receivers -- which one?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-24 00:00:00 UTC
From: tegwilym@my-deja.com
Message-ID: <8o3sj3$ag5$1@nnrp1.deja.com>
Source record: 8588

Yeah you are right! I have been asking to many questions without doing anything about it. I just put in a bid on Ebay for a Bearcat 210 scanner and I found a web page that has a modification that can be done to it www.uvm.edu/~swarley/bc210.htm so it will work on the needed frequency and bandwidth. If I blow up the radio no big deal it's a cheap one anyway!

Ok, no more silly questions until I actually hook up my old Pro-38 scanner and actually try to hear a satellite pass. Yeah, I won't get a good picture, but at least it is a start.

It is just so easy to get answers on the internet now that it is just so tempting to keep asking questions! :-)

I'll start by buying a cable so I can input a left channel into my sound card and go from there.

Tom

> Why not actually *try* some of this stuff? You can ask the net all
> you like, but answers - real answers, answers that you can use -
> will only come from trying it and seeing for yourself. Nothing
> personal, but it sometimes seems like people hesitate to take a
> dump without checking with the net first...

Sent via Deja.com http://www.deja.com/
Before you buy.

2154. Re: tracking software

Newsgroup: rec.radio.amateur.space
Date: 2000-08-24 00:00:00 UTC
From: Pierrot <pierrot@magic.fr>
Message-ID: <967145975.638887@jerusalem.magic.fr>
Source record: 8589

```
WinOrbit is very interessant and
it's FREE , many thanks for his autor : Carl GREGORY K8CG
download the latest version on my site :
```


--

Web : http://perso.magic.fr/pierrot
Mail : Pierre GRAND - B.P. 106 - 81600 GAILLAC - FRANCE

2155. Re: WX Sat receivers -- which one?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-24 00:00:00 UTC
From: Ralph Mowery <rmowery@dialpoint.net>
Message-ID: <39A580DD.6889393F@dialpoint.net>
Source record: 8590

As you only need a couple of feet or less of the 90 ohm coax, you might want to look at making some. As the 9913 type is good to use from the ant to the receiver and you will probably be suing some of it, you can cut off a foot or whatever and pull out the cinter wire and replace it with something smaller. I haven't done the calculations for the size but it will probably be around # 20 or so. The size will be important for the matching, but not for the power handling or loss as it will only be a short piece.

tegwilym@my-deja.com wrote:
>
> >
> > Good results are often reported with the "quadrifilar helix".
> > Designs can be found on the WWW.
>
> What about a crossed dipole antenna? I have been looking at plans for
> those and they seem to be a lot easier to buid (or at least find parts
> to build it out of). I did see some plans that were included in the
> Ramsey WX receiver kit instructions that I downloaded for building the
> dipole type. The only thing that seemed like it would be hard to find
> was the 90 Ohm RG-62 coax. I guess that could be found on the internet
> after searching around a bit.
>
> Sent via Deja.com http://www.deja.com/
> Before you buy.

2156. Re: WX Sat receivers -- which one?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-24 00:00:00 UTC
From: cps@blackcatsystems.com
Message-ID: <cps-ya02408000R2408001905340001@enews.newsguy.com>
Source record: 8591

> Good results are often reported with the "quadrifilar helix".
> Designs can be found on the WWW.

I built one, and have been *amazed* with the results. Before, with either my ground plane or discone, I could only hear the satellites when they were at least 15 degrees above the horizon and would get many fades, I get great reception with the QFH, often starting at 2 or so degrees. I really couldn't believe it at first.

I'm presently using an Icom R-7000, but have ordered one of the RX2 kits from the RIG, as the R-7000 doesn't have suitable bandwidth filters. I've found that using the FM wide filter results in very low signal strengths, so I've been skeptical of the claims of taking a standard scanner and replacing the IF filter with a cap, I would expect similar results.

--
Chris Smolinski
Black Cat Systems
http://www.blackcatsystems.com
Macintosh software - science, audio, health, amateur radio, and more.

2157. Re: Ham-Space Digest V2000 #217 (AbsentWise)

Newsgroup: rec.radio.amateur.space
Date: 2000-08-24 00:00:00 UTC
From: Bruce Cox <peacox@gloryroad.net>
Message-ID: <39A5B94C.7CED5F2C@gloryroad.net>
Source record: 8592

Must be mighty important and I am sure you have been missed. We don't broadcast our vacation dates over here even
on 2 meters. We'd like for the computers and radio equipment to be here when we get back. Just of our curiosity why
are you posting this message every day? pc

Malcolm Andrew wrote:

> I am absent from 02 August 2000 until 31 August 2000. Please contact Duncan Mackay on 01235 433388 or 720 3388.

2158. Re: WX Sat receivers -- which one?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-24 00:39:42 UTC
From: marsgal42@hotmail.com
Message-ID: <8o1qscugm1@nnrp1.deja.com>
Source record: 8581

In article <8o0vgo$t1t$1@nnrp1.deja.com>,
tegwilym@my-deja.com wrote:

> Well, back to my original question! Any recommendations on the
> Hamtronics vs. the Ramsey receiver (or kits?).

The difference in price is minimal, so which is important to
you: the scanning capability of the Ramsey radio, or the
idiot-proof crystal control of the Hamtronics radio?

I'd still recommend playing with a cheap used scanner
before investing in a dedicated radio. Any antenna work
you do will pay off, as well as experience in tracking
satellites and decoding images.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..." - Hospital/Shafte

Sent via Deja.com http://www.deja.com/
Before you buy.

2159. Re: WX Sat receivers -- which one?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-25 00:00:00 UTC
From: Gary Coffman <ke4zv@bellsouth.net>
Message-ID: <oo4dqso4b3vgc89u4a5rvfhip6reofj8ge@4ax.com>
Source record: 8449

On Wed, 23 Aug 2000 16:52:50 GMT, tegwilym@my-deja.com wrote:
>Well, back to my original question! Any recommendations on the
>Hamtronics vs. the Ramsey receiver (or kits?).

Since no one seems to have answered this basic question, I will.
Ramsey kits suck. Even if you follow instructions carefully, they
won't work right. You will have to modify them to get them to work
right. Hamtronics kits aren't Heathkits by any stretch, but if you
build them carefully, they do work right as designed.

Gary
Gary Coffman KE4ZV | You make it |mail to ke4zv@bellsouth.net
534 Shannon Way | We break it |
Lawrenceville, GA | Guaranteed |

2160. Re: WX Sat receivers -- which one?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-25 00:00:00 UTC
From: marsgal42@hotmail.com
Message-ID: <8o654hsfp1@nnrp1.deja.com>
Source record: 8450

In article <oMop5.433$yF4.113034@den-news1.rmi.net>,
"Tom G." <tegwilym@wolfenet.com> wrote:

> Ok, I just tried out my old Radio Shack Pro-38 scanner and was able to
hear
> 3 different satellite passes tonight. I was just using a 5/8 wave 2
meter
> whip antenna on the scanner in the house just to see if I could hear
> something. I was surprised how strong the signal was even when it has
just
> come up over the horizon! I did attempt to hook it to the computer
(on the
> left channel of the sound input) but wasn't successfull at even
getting
> anything ajusted right to get any image. I wasn't expecting that to
work
> anyway, but just checking that I could pick up a signal with basic
stuff.

See? This is why certain of us curudgeonly types have been leaning
on you to try it and see. By actually trying it you can see how
strong the signals are, so you don't need to stress over preamps
at first. You can figure out how to get signals into your
computer and get pictures - using your software with real data.

There are lots of pieces that need to fall in to place, and
only by doing it can you figure them out. Good luck.

One suggestion: try just recording the signal during the pass,
and processing it offline later. And don't go overboard on the
"left channel" stuff - if you can get a decent recording, any
software will do nice things with it.

> (snip...)
> I found the manual for my Pro-38, but there was no schematic in it.
Any
> ideas on where I would stick in the .01uF cap in that radio to widen
the
> bandwidth?

If you don't know what a plastic IF filter looks like, find
somebody who knows what they're doing to do it for you. But,
as you have just found, there are lots of other prerequisites
you need to have in place before this becomes an issue.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..." - Hospital/Shafte

Sent via Deja.com http://www.deja.com/
Before you buy.

2161. Re: 137 MHz WX Good Preamplifier Schematic Needed

Newsgroup: rec.radio.amateur.space
Date: 2000-08-25 00:00:00 UTC
From: Gary Coffman <ke4zv@bellsouth.net>
Message-ID: <635dqsciuje5hss9dehrqrbf0665gka1os@4ax.com>
Source record: 8451

On Fri, 25 Aug 2000 08:09:31 GMT, nomail@rob.knoware.nl (Rob Janssen) wrote:
>Hercules <hercules@coolmail.net> wrote:
>>I'd like to build a good, new preamplifier for the 137 MHz band.
>
>>Currently I do use a single Mosfet preamplifier but I need more gain
>>withouth the problem of self-oscillation when trying to squeeze last dB out
>>of such a preamplifier.
>
>You most likely do not want more gain. What you need is a low noise level,
>and at 137 MHz with an antenna that is not very directional, it will
>probably be low enough when using a Mosfet. If not, try a GaAs fet instead
>of your Mosfet.
>
>Lowering the noise level even more will not help, because the thermal noise
>from the earth and the cosmic noise from space will not decrease.
>
>Increasing the gain will just serve to overload your receiver, unless you
>use a long length of bad coax inbetween.
>
>Put the amplifier near the antenna when you have not yet done so. That
>will do more than trying to squeeze out the last dB.

But if he actually does need more gain, the best circuit I've seen uses
a MMIC as the second stage. Besides gain, this also has the advantage
of isolating the low noise preamp from any impedance mismatches and
reflections on the downlead coax. That can sometimes cause instability
in transistor preamps, and/or degrade the noise figure.

I think this was in one of the Central States VHF Conference Proceedings,
available from the ARRL.

Gary
Gary Coffman KE4ZV | You make it |mail to ke4zv@bellsouth.net
534 Shannon Way | We break it |
Lawrenceville, GA | Guaranteed |

2162. Re: WX Sat receivers -- which one?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-25 00:00:00 UTC
From: tegwilym@my-deja.com
Message-ID: <8o66n2$uk1$1@nnrp1.deja.com>
Source record: 8452

> Since no one seems to have answered this basic question, I will.
> Ramsey kits suck. Even if you follow instructions carefully, they
> won't work right. You will have to modify them to get them to work
> right. Hamtronics kits aren't Heathkits by any stretch, but if you
> build them carefully, they do work right as designed.

Thanks for the answer! I have built some Ramsey kits in the past (20m rx, 20m transmitter, and aicraft reciever) and I don't think I ever got them working right. Of course I blamed myself for screwing it up, but maybe there was a different reason!

I just won an auction on Ebay last night for a Bearcat 210 Scanner. I found a web site that shows how to modify it for APT, so I'll give that a try. If it doesn't work, I only lost $20.

Sent via Deja.com http://www.deja.com/
Before you buy.

2163. Re: WX Sat receivers -- which one?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-25 00:00:00 UTC
From: tegwilym@my-deja.com
Message-ID: <8o67cdvcj1@nnrp1.deja.com>
Source record: 8453

> See? This is why certain of us curudgeonly types have been leaning
> on you to try it and see. By actually trying it you can see how
> strong the signals are, so you don't need to stress over preamps
> at first. You can figure out how to get signals into your
> computer and get pictures - using your software with real data.
>
> There are lots of pieces that need to fall in to place, and
> only by doing it can you figure them out. Good luck.
>
> One suggestion: try just recording the signal during the pass,
> and processing it offline later. And don't go overboard on the
> "left channel" stuff - if you can get a decent recording, any
> software will do nice things with it.

I found some plans for a cross diplole in the ARRL Weather Satellite handbook that I got from the library. It doesn't seem to need any fancy, hard to find, 90 ohm coax. Just some PVC pipe, 50 ohm coax and some twin lead tv cable for the elements. This one has the driven elements and the reflectors below them. I have seen plans for antennas that don't have a reflector but rather just a crossed dipole and nothing else(Ramsey kit instructions) but this has the 90 ohm stuff. I would like to build something that isn't too huge that I could put out on my back patio (or possibly in the attic) that wouldn't attract too much attention from the Condo management or neighbors.

I already got a complaint from one of the neighbors that my curtains didn't meet the proper color standards in the condo regulation book. Hey, I got them for free, what do they expect? :-)
So I know if I have some kind of strange antenna farm growing above my patio fence I'm worried I'll get caught.

I still have lots of radio plans though, just with stealthy antennas!

Sent via Deja.com http://www.deja.com/
Before you buy.

2164. Antenna advice

Newsgroup: rec.radio.amateur.space
Date: 2000-08-25 00:00:00 UTC
From: Mike <n1tba@optonline.net>
Message-ID: <J6Ap5.385$jh1.2145@news02.optonline.net>
Source record: 8454

I would like to build a dual band "arrow" type antenna for satellite communication. Are there any resources on the web that can help me do this? Thanks in advance.

Mike
n1tba@optonline.net
n1tba@yahoo.com

2165. Re: Antenna advice

Newsgroup: rec.radio.amateur.space
Date: 2000-08-25 00:00:00 UTC
From: Gary Coffman <ke4zv@bellsouth.net>
Message-ID: <1sqdqssut8asf7psfq733bn42po2066o2t@4ax.com>
Source record: 8455

On Fri, 25 Aug 2000 19:51:05 GMT, "Mike" <n1tba@optonline.net> wrote:
>I would like to build a dual band "arrow" type antenna for satellite
>communication. Are there any resources on the web that can help me do
>this? Thanks in advance.

Go to Arrow's site. The dimensions are posted.

Gary
Gary Coffman KE4ZV | You make it |mail to ke4zv@bellsouth.net
534 Shannon Way | We break it |
Lawrenceville, GA | Guaranteed |

2166. Re: Antenna advice

Newsgroup: rec.radio.amateur.space
Date: 2000-08-25 00:00:00 UTC
From: Mike <n1tba@optonline.net>
Message-ID: <GoDp5.682$jh1.3651@news02.optonline.net>
Source record: 8456

Thanks

Gary Coffman <ke4zv@bellsouth.net> wrote in message
news:1sqdqssut8asf7psfq733bn42po2066o2t@4ax.com...
> On Fri, 25 Aug 2000 19:51:05 GMT, "Mike" <n1tba@optonline.net> wrote:
> >I would like to build a dual band "arrow" type antenna for satellite
> >communication. Are there any resources on the web that can help me do
> >this? Thanks in advance.
>
> Go to Arrow's site. The dimensions are posted.
>
> Gary
> Gary Coffman KE4ZV | You make it |mail to ke4zv@bellsouth.net
> 534 Shannon Way | We break it |
> Lawrenceville, GA | Guaranteed |

2167. Re: WX Sat receivers -- which one?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-25 00:00:00 UTC
From: cps@blackcatsystems.com
Message-ID: <cps-ya02408000R2508001949260001@enews.newsguy.com>
Source record: 8457

In article <8o645rreh1@nnrp1.deja.com>, marsgal42@hotmail.com wrote:

> In article <8o4etivbj1@nnrp1.deja.com>,
> marsgal42@hotmail.com wrote:
>
> > The results speak for themselves. The pictures on my web page
> > (http://www.qsl.net/ve7ldh/exsat.html) were received with such
> > a modified Pro-43 scanner. The Great Lakes picture was received
> > with a quadrifilar helix. The B.C. picture was received with
> > a crossed dipole.
>
> Oops. Brain fade. Make that:
>
> http://www.qsl.net.ve7ldh/wxsat.html

Actually, how about http://www.qsl.net/ve7ldh/wxsat.html

Nice pictures, BTW.

Anyway, any speculation why reception is so poor on the R-7000? Could it be
that the IF circuitry in a typical scanner limits the bandwidth to
something close to the 30 or 40 kHz that is ideal for APT reception?

BTW, keep us informed on your HRPT progress.

--
Chris Smolinski
Black Cat Systems
http://www.blackcatsystems.com
Macintosh software - science, audio, health, amateur radio, and more.

2168. Re: WX Sat receivers -- which one?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-25 00:00:00 UTC
From: "Tom G." <tegwilym@wolfenet.com>
Message-ID: <oMop5.433$yF4.113034@den-news1.rmi.net>
Source record: 8595

> Ok, no more silly questions until I actually hook up my old Pro-38
> scanner and actually try to hear a satellite pass. Yeah, I won't get a
> good picture, but at least it is a start.
>

Ok, I just tried out my old Radio Shack Pro-38 scanner and was able to hear 3 different satellite passes tonight. I was just using a 5/8 wave 2 meter whip antenna on the scanner in the house just to see if I could hear something. I was surprised how strong the signal was even when it has just come up over the horizon! I did attempt to hook it to the computer (on the left channel of the sound input) but wasn't successfull at even getting anything ajusted right to get any image. I wasn't expecting that to work anyway, but just checking that I could pick up a signal with basic stuff. It was interesting how the change of the tone was very noticeable from the doppler shift, I can see now why a wide bandwidth radio is important.

I just won an auction on Ebay for a Bearcat 210 scanner, I'll try to modify it from the info I found on the www.uvm.edu/~swarley/bc210.htm web site. If I blow it up, no big deal, it only costs me $17 plus shipping!
I found the manual for my Pro-38, but there was no schematic in it. Any ideas on where I would stick in the .01uF cap in that radio to widen the bandwidth?

I might scrounge up some parts this weekend and try to build one of the many antennas from plans I find on the internet.

2169. Re: 137 MHz WX Good Preamplifier Schematic Needed

Newsgroup: rec.radio.amateur.space
Date: 2000-08-25 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8qcadr.v4f.nomail@linux.pe1chl.ampr.org>
Source record: 8596

Hercules <hercules@coolmail.net> wrote:
>I'd like to build a good, new preamplifier for the 137 MHz band.

>Currently I do use a single Mosfet preamplifier but I need more gain
>withouth the problem of self-oscillation when trying to squeeze last dB out
>of such a preamplifier.

You most likely do not want more gain. What you need is a low noise level,
and at 137 MHz with an antenna that is not very directional, it will
probably be low enough when using a Mosfet. If not, try a GaAs fet instead
of your Mosfet.

Lowering the noise level even more will not help, because the thermal noise
from the earth and the cosmic noise from space will not decrease.

Increasing the gain will just serve to overload your receiver, unless you
use a long length of bad coax inbetween.

Put the amplifier near the antenna when you have not yet done so. That
will do more than trying to squeeze out the last dB.

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

2170. Re: Ham-Space Digest V2000 #218 (AbsentWise)

Newsgroup: rec.radio.amateur.space
Date: 2000-08-25 00:00:00 UTC
From: malcolm.andrew@aeat.co.UK
Message-ID: <s9a67161.094@a-hgwd3.harwell.aeat.co.uk>
Source record: 8597

I am absent from 02 August 2000 until 31 August 2000. Please contact Duncan Mackay on 01235 433388 or 720 3388.

2171. Re: WX Sat receivers -- which one?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-25 00:00:00 UTC
From: marsgal42@hotmail.com
Message-ID: <8o645rreh1@nnrp1.deja.com>
Source record: 8598

In article <8o4etivbj1@nnrp1.deja.com>,
marsgal42@hotmail.com wrote:

> The results speak for themselves. The pictures on my web page
> (http://www.qsl.net/ve7ldh/exsat.html) were received with such
> a modified Pro-43 scanner. The Great Lakes picture was received
> with a quadrifilar helix. The B.C. picture was received with
> a crossed dipole.

Oops. Brain fade. Make that:

http://www.qsl.net.ve7ldh/wxsat.html

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..." - Hospital/Shafte

Sent via Deja.com http://www.deja.com/
Before you buy.

2172. Re: WX Sat receivers -- which one?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-25 00:33:55 UTC
From: marsgal42@hotmail.com
Message-ID: <8o4etivbj1@nnrp1.deja.com>
Source record: 8593

In article <cps-ya02408000R2408001905340001@enews.newsguy.com>,
cps@blackcatsystems.com (Chris Smolinski) wrote:

> I'm presently using an Icom R-7000, but have ordered one of the RX2
kits
> from the RIG, as the R-7000 doesn't have suitable bandwidth filters.
I've
> found that using the FM wide filter results in very low signal
strengths,
> so I've been skeptical of the claims of taking a standard scanner and
> replacing the IF filter with a cap, I would expect similar results.

The results speak for themselves. The pictures on my web page
(http://www.qsl.net/ve7ldh/exsat.html) were received with such
a modified Pro-43 scanner. The Great Lakes picture was received
with a quadrifilar helix. The B.C. picture was received with
a crossed dipole.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..." - Hospital/Shafte

Sent via Deja.com http://www.deja.com/
Before you buy.

2173. 137 MHz WX Good Preamplifier Schematic Needed

Newsgroup: rec.radio.amateur.space
Date: 2000-08-25 06:00:35 UTC
From: Hercules <hercules@coolmail.net>
Message-ID: <8o522b$155$1@nslave1.tin.it>
Source record: 8594

I'd like to build a good, new preamplifier for the 137 MHz band.

Currently I do use a single Mosfet preamplifier but I need more gain withouth the problem of self-oscillation when trying to squeeze last dB out of such a preamplifier.

Now I am looking for a something like a two stage, proven, reliable preamplifier SCHEMATIC, I don't want to buy a commercial one any way !

Thanks in advance and best 73s,

Giovanni IT9XXS

http://www.qsl.net/it9xxs

2174. Re: 137 MHz WX Good Preamplifier Schematic Needed

Newsgroup: rec.radio.amateur.space
Date: 2000-08-26 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8qevo5.be6.nomail@linux.pe1chl.ampr.org>
Source record: 8459

Hercules <hercules@coolmail.net> wrote:

>Thanks Rob for your reply, I was just using the Mosfet preamplifier ahead of
>the antenna and the coax is not much long, but quite often it start to
>self-oscillate (I don't want to go up and down from the roof any more trying
>to solve the problem). Layout is quite good and the components are good
>quality too, in my opinion the gain is just too much.

I presume you are talking about a Dual-Gate Mosfet (4 connections).
I have built a couple of these for 2M and 70cm, and in my experience they
don't oscillate too easily. Of course, I don't know what your "quite good
layout" is. Maybe you are trying to use a bare unscreened PCB?

I used Mosfets like the BF900, BF905 and BF981 and later some 3SK97 GaAs
fets (dual-gate as well), and I have good results using a small box of tin
plate or pcb material, with a screen across the centre. In the center of
the screen, there is a 5mm hole where the Mosfet is mounted, G1 and G2 to
one side and S and D to the other. The source and G2 are soldered to a
leadless capacitor to the screen (ceramic plate or SMD type), that serve as
mechanical supports at the same time. The G1 and D are wired to the
respective resonant circuits.
Because of the high impedance transformation ratio, the input circuit
is crucial. The capacitor should be of good quality, e.g. a glass or
air trimmer. It should be straightforward to get a 1dB noise figure
at 137/144 MHz using a 3sk97, and maybe 1.2 with a Mosfet. That is good
enough for this frequency.

G2 voltage can be made adjustable, which provides a crude gain control.
The gain could be up to 20dB. That is why you need the shield between
input and output circuits.

I had better results with these preamps than with a commercial box from
SSB electronic. It had too little preselection and suffered from intermod
with paging service transmitters, and also mobile telephony base stations
when these were still on VHF.

I always mounted them directly under the rooftop (a few metres of coax to
the antenna and a longer run to the shack) because occasionally one
transmits into them (as a radio amateur)... I have replaced the 3SK97s
several times...
(I used a coaxial relay under the rooftop, amp directly plugged to it,
two cables down to the shack, final amplifier in the direct cable, and then
another coaxial relay towards the (commercial) transceiver. When the
relay doesn't switch over for some reason, the preamp is usually gone)

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

2175. Re: need help with sat freq's !

Newsgroup: rec.radio.amateur.space
Date: 2000-08-26 00:00:00 UTC
From: John Mock <kd6pag@qsl-nojunk.net>
Message-ID: <87wvh4ov1t.fsf@mongrel.kd6pag.ampr.org>
Source record: 8460

>Iam new to the sat's ! Do you change the uplink freq if you
>change the downlink freq do to the doppler shift? What is the
>uplink to AO-27? Thanks, Sam alphacentauri@i-plus.net

The uplink for AO-27 is 145.850

For the most part your Tx freq can stay the same but you DO have to
change RX every few minutes. For instance for AO-27:

Transmit Receive

145.845 436.805 AOS
145.850 436.800
145.850 436.795 MID
...

AO-27 has a wide-band receiver and you do NOT need to compensate for doppler
on the uplink.

http://www.amsat.org/amsat/sats/n7hpr/ao27schd.html

Indeed, it is requested that you do not do this if possible. FM occupies
alot more of the satellite sub-band than SSB. If you also add in doppler,
averaged over the time period of a pass, your terrestrial signal will occupy
twice as much space in the 2m satellite sub-band. If a linear transponder
is overhead at the same time (AO-10, FO-20, FO-29, RS-13, or soon, P3D),
then this can be a potential problem.

Compensating for doppler in mode J-FM is not only not worth the trouble, but
it's unhelpful as well. I believe the same applies for UO-14 and SUNSAT
when it's in J-FM mode.

-- KD6PAG (Networking Old-Timer, satellite QRPer)

P.S. It doesn't take much power either, i usually run 1W and often 140mW
on non-transcontinental passes into an antenna similar to an Arrow (which
is strongly recommended for J-FM work).

2176. Re: 137 MHz WX Good Preamplifier Schematic Needed

Newsgroup: rec.radio.amateur.space
Date: 2000-08-26 00:54:51 UTC
From: Hercules <hercules@coolmail.net>
Message-ID: <8o74moetu1@nslave2.tin.it>
Source record: 8458

Thanks Rob for your reply, I was just using the Mosfet preamplifier ahead of the antenna and the coax is not much long, but quite often it start to self-oscillate (I don't want to go up and down from the roof any more trying to solve the problem). Layout is quite good and the components are good quality too, in my opinion the gain is just too much. The radio is not much sensitive, but this is not an issue, so I'd like some more gain near the antenna. That's why I'm looking for a reliable preamplifier that won't oscillate too easily, and I think that a low-noise two stage preamp is much more stable. I use a Lindenblad-type antenna and it performs very well, rejecting much of the local man-made noise too. One could even retune a 144 MHz band preamp suitably...
Any help will be appreciated.

H

"Rob Janssen" <nomail@rob.knoware.nl> wrote in message
news:slrn8qcadr.v4f.nomail@linux.pe1chl.ampr.org...
> Hercules <hercules@coolmail.net> wrote:
> >I'd like to build a good, new preamplifier for the 137 MHz band.
>
> >Currently I do use a single Mosfet preamplifier but I need more gain
> >withouth the problem of self-oscillation when trying to squeeze last dB
out
> >of such a preamplifier.
>
> You most likely do not want more gain. What you need is a low noise
level,
> and at 137 MHz with an antenna that is not very directional, it will
> probably be low enough when using a Mosfet. If not, try a GaAs fet
instead
> of your Mosfet.
>
> Lowering the noise level even more will not help, because the thermal
noise
> from the earth and the cosmic noise from space will not decrease.
>
> Increasing the gain will just serve to overload your receiver, unless you
> use a long length of bad coax inbetween.
>
> Put the amplifier near the antenna when you have not yet done so. That
> will do more than trying to squeeze out the last dB.
>
> Rob
> --
>

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+----------------------------------+--------------------------------------+
> | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob
|
> | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU
|
>
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2177. FS/T FT-726r

Newsgroup: rec.radio.amateur.space
Date: 2000-08-27 00:00:00 UTC
From: Davev <dvari@adelphia.net>
Message-ID: <HI7q5.1219$%f1.30854@news1.news.adelphia.net>
Source record: 8462

For sale or trade
Yaesu FT-726r all mode satt rig.comes with hand mic,sattrack module, hf module (covers 10m,12,15,) 2m module.Still has an open slot for 1 more module,but rig comes with an extra set of wring harness.The owners manual isn't in the best of shape,all pages are there and readable.i'd rate this rig 8 of 10. Works,will not be D.O.D. Asking $675.00 in American dollars,shipped,contenetal n.a. OR swap for Kenwood TS440sat in good working order.Tnx for reading, de dave-n2rhl dvari@adelphia.net.

2178. Re: Ham-Space Digest V2000 #220 (AbsentWise)

Newsgroup: rec.radio.amateur.space
Date: 2000-08-27 00:00:00 UTC
From: malcolm.andrew@aeat.co.UK
Message-ID: <s9a9987a.081@a-hgwd3.harwell.aeat.co.uk>
Source record: 8463

I am absent from 02 August 2000 until 31 August 2000. Please contact Duncan Mackay on 01235 433388 or 720 3388.

2179. Re: Ham-Space Digest V2000 #219 (AbsentWise)

Newsgroup: rec.radio.amateur.space
Date: 2000-08-27 00:00:00 UTC
From: malcolm.andrew@aeat.co.UK
Message-ID: <s9a99aef.035@a-hgwd3.harwell.aeat.co.uk>
Source record: 8464

I am absent from 02 August 2000 until 31 August 2000. Please contact Duncan Mackay on 01235 433388 or 720 3388.

2180. Decoding WxSat .wav files into image - question!

Newsgroup: rec.radio.amateur.space
Date: 2000-08-27 00:00:00 UTC
From: "Tom G." <tegwilym@wolfenet.com>
Message-ID: <SUnq5.1256$yF4.219979@den-news1.rmi.net>
Source record: 8465

I just got a basic APT station up and running. I am using a turnstile dipole, no pre-amp, WxSat Software and a Radio Shack Pro-38 scanner. I know the bandwidth isn't very good on the scanner, but I'll work more on that later.
I just go the antenna built and was able to download an image and saved it as a .wave file. I can see there is some kind of image in it when I process it, but it is all skewed to the side. It appears that I just need to set up the horizontal sync somehow to set up where the picture should start and end on each line. Right now I just have a bunch of angled lines across the screen at about a 20 degree angle. I can see there is a picture in there, but just can't figure out how to straighten it out.
The satellite is the Meteor 3-5 that I received the picture from this morning on a nice pass where it was about 60 degrees above the horizon. Sounded really strong as it passed over!

Help!

Tom KA7VIK -- Satellite newbie!

2181. Re: WX Sat receivers -- which one?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-27 06:29:34 UTC
From: tegwilym@my-deja.com
Message-ID: <8oacg2$g2e$1@nnrp1.deja.com>
Source record: 8461

Ok, here is the latest update on my current experiments.

I just built a "Zapper II" type of turnstile antenna, the one with the crossed dipoles and crossed reflectors at the bottom.

http://psbsgi1.nesdis.noaa.gov/EBB/pubs/sympos/symp33.html

I have it attached to a wooden pole and it is about 4 feet off the ground and leaning against my wooden fence. It is just below the top of the fence so hopefully the neighbors won't see it as they walk by. I hooked up my Pro-38 handheld scanner and listened for a satellite pass. I was disappointed when I found that I couldn't hear the satellite with the fancy new antenna, but could hear it with the rubber duck antenna - Hmmm.....
I then checked the connections again and found the one of the feedlines to one of the dipoles had twisted and the shield and center conductor were touching, shorting out the whole thing (Something I'll have to fix to prevent!). By the time I fixed it there were no satellites for about an hour, but I was at least able to pick up the local 2m repeater with no problems, so I think it should be good for the next pass.
I don't expect much from the Pro-38, but hopefully I can hear the satellite pass and maybe get some kind of picture (crappy picture is ok for a first attempt with a narrow bandwidth radio!).

I'll post my findings when I see what happens in about an hour.

Tom

Sent via Deja.com http://www.deja.com/
Before you buy.

2182. Re: Ham-Space Digest V2000 #221 (AbsentWise)

Newsgroup: rec.radio.amateur.space
Date: 2000-08-28 00:00:00 UTC
From: malcolm.andrew@aeat.co.UK
Message-ID: <s9aa6598.014@a-hgwd3.harwell.aeat.co.uk>
Source record: 8466

I am absent from 02 August 2000 until 31 August 2000. Please contact Duncan Mackay on 01235 433388 or 720 3388.

2183. ANNOUNCEMENT: ARRL and TAPR 19th Annual Digital Communications Conference

Newsgroup: rec.radio.amateur.space
Date: 2000-08-28 00:00:00 UTC
From: srbible@gate.net
Message-ID: <39aa76a6.229436382@news.gate.net>
Source record: 8467
Cross-posted to: rec.radio.amateur.digital.misc;,rec.radio.amateur.misc;,rec.radio.amateur.space

Notice:
September 1, 2000 is the last day to receive the special hotel room rate of $89/night single or double and the pre-registration price for the conference.

ARRL and TAPR 19th Annual
Digital Communications Conference
September 22-24, 2000 - Orlando, Florida

For more information see: http://www.tapr.org/dcc

Information
Mark your calendar and start making plans to attend the year's premier event in digital communications. The 19th Annual ARRL and TAPR Digital Communications Conference will be held September 22-24, 2000, in Orlando, Florida - just minutes from the Orlando International Airport.

The ARRL and TAPR Digital Communications Conference is an international forum for radio amateurs in digital communications, networking, and related technologies to meet, publish their work, and present new ideas and techniques for discussion. Presenters and attendees will have the opportunity to exchange ideas and learn about recent hardware and software advances, theories, experimental results, and practical applications. The Digital Communications Conference is not just for the digital expert, but also for digitally oriented amateurs of all levels of experience.

A Conference for the Beginner as well
The conference is not just for the digital expert. As in years past an entire session strand with beginning, intermediate, and advanced presentations on selected topics in digital communications will be offered. Some of the topics will include: APRS, Satellite Communications, TCP/IP, Digital Radio, Spread Spectrum and other introductory topics. Come to the conference and hear these topics presented by the experts!

Area Attractions
The Orlando Florida area is famous for its attractions and vacation spots. Disney World, Universal Studios, and Sea World (just to name a few) are within 15 minutes of the hotel. Shuttle service from the hotel will be available for a small fee. Cape Canaveral and Cocoa Beach are a 30 minute drive East of the hotel.

Symposia, Seminars and Banquet
Two symposia/seminars will be held which allow those with additional time and interest to make the most of the Conference. For those who may have interest in just one symposium or seminar, registration for the conference is not required to attend these activities. This allows maximum flexibility for those who may want to participate during the Digital Communications Conference, but do not have an entire weekend to devote to the event.

The Fourth APRS National Symposium will be held on Friday and will be moderated by Steve Dimse, K4HG (the developer of javAPRS). It will likely include many APRS software authors, such as Bob Bruninga, WB4APR (the father ofAPRS), Keith Sproul, WU2Z, Mark Sproul, KB2ICI (the developers of MacAPRS and WinAPRS), Brent Hildebrand, KH2Z (the developer of APRSPLUS), Mike Musick, N0QBF (developer of PocketAPRS), and other nationally known APRS leaders. Join this group for the afternoon and evening for in-depth discussions and presentations on the current and future status of APRS. This is a unique opportunity to gain insight into this fast-growing digital aspect of amateur operations that combines computers, packet radio, and GPS (Global Positioning System).

On Saturday night the DCC Banquet will be held. A guest speaker will speak after the banquet and a prize drawing will top the evening. The Grand Prize is a Palm VII Personal Digital Assistant and Synergy Systems LLC has donated two M12 development kits and many more.

The Sunday morning seminar will be focused on PIC development, design, and programming. This five-and-a-half hour seminar will focus on the things you need to know now in order to understand and begin to participate in PIC development.

Co-Hosts
The 2000 ARRL and TAPR Digital Communications Conference local co-hosts will be:
Lake Monroe Amateur Radio Society
(http://www.qsl.net/lmars/),
Orange County ARES/RACES
(http://evcom.net/~jvoisin/ares.htm),
Seminole County ARES/RACES
(http://wwww.geocities.com/capecanaveral/launchpad/4773),
and Orlando Amateur Radio Club
(http://www.oarc.org/).

International Co-Hosts PRUG (Packet Radio User Group of Japan) will be the International co-host for a third year running. PRUG will be hosting an informal social Friday evening before their seminar and symposium is held. Visit http://www.prug.or.jp for more information about PRUG.

Hotel
Conference presentations, meetings, and seminars will be held at the Orlando Airport Marriott. It is highly recommended that you book your

room prior to arriving. A special DCC room rate of $89/single and $89/double per night has been blocked for 50 rooms and is available until September 1st, 2000. Once the 50 rooms have been reserved, room rates will increase. So be sure to book your rooms early! The hotel provides transportation to and from the Orlando International Airport. Please contact the hotel to arrange specific transportation needs.

Orlando Airport Marriott (conference hotel)
7499 Augusta Drive
Orlando, FL 32822
Phone 407-851-9000, Fax 407-857-6211
(http://marriotthotels.com/MCOAP/)

What you can expect at DCC 2000
- A full day of papers and breakouts for the beginner to the advanced
- Two seminars/symposiums
- The fifth annual Student Paper session.
- A banquet with Special Guest Speaker.
- Informal get-togethers throughout the weekend.
- TAPR Membership Meeting
- An event at which the most important new developments in amateur digital communications are announced.
- Digital 'movers and shakers' from all over the world in attendance.

There are few activities where your participation can be so much fun and important! What a great way to share and renew your enthusiasm for digital amateur radio! A get-together with colleagues and bringing each other up to date on your latest work -- all this, and more, for an unforgettable weekend of amateur radio and digital communications. We hope to see you at the ARRL and TAPR Digital Communications Conference on September 22-24, 2000!

Full information on the conference and hotel information can be obtained by contacting:

Tucson Amateur Packet Radio
Phone: (940) 383-0000.
Fax: (940) 566-2544
Email: tapr@tapr.org
Web: http://www.tapr.org

Registration Form
Contact the TAPR office by Phone 940-383-0000, Fax 940-566-2544, or Internet: http://www.tapr.org and tapr@tapr.org to register or for additional information.

Conference Registration includes: Conference Proceedings, Sessions, Meetings, and Lunch on Saturday.

- Pre-Registration (before Sept 1st)

$45.00 ______

- Registration (after Sept 1) or at door

$55.00 ______

- Saturday Evening Dinner (Limited Space)
Dinner with Guest Speaker
Prize Drawing

$30.00 ______

Symposia/Seminars

- 4th Annual APRS National Symposium
Friday, 1pm - 7pm. $25.00 ______

- Sunday Seminar
PIC Design, Development, and Programming

Sunday, 8:30 am - 2 pm. $20.00 ______

TOTAL ______

Name/Call:

Street Address:

City/State/Zip:

Country:

Phone Number:

Email:

Charge my credit card (circle one):

VISA MasterCard

Acct:

Expiration Date:

Signature on card:

Mail completed registration form with check to:
TAPR
8987-309 E Tanque Verde Rd #3378
Tucson, AZ 85749-9399

Or check http://www.tapr.org/dcc for an on-line registration form.

A registration packet will be mailed in September upon receipt of
registration form and payment.

2184. Is ICOM going to come out with a new Satellite radio?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-28 00:00:00 UTC
From: Rob Kling <rkling@home.com>
Message-ID: <G5vq5.18167$QW4.222524@news1.rdc1.mi.home.com>
Source record: 8468

I have checked the ICOM site several times and it appears to be nothing to replace the IC821H. Can anyone speculate or do we settle for the current state of satellite technology. If there is something new I hope it would do 9600 bps-better and have the higher frequencies(>440) such. It would even be nice to have a few DSP modems built into the unit or at least have the ability to have third parties write the DSP codes and we just upload the ones we need. It gets somewhat tedious to switch all the time between HF and VHF and satellite modes. I just bought another TNC so that I do not have to switch. With the current state of technology there is so much more that can be done in the radio that it now makes sense to do so!

Rob Kling
N8YBV

2185. Re: Is ICOM going to come out with a new Satellite radio?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-28 00:00:00 UTC
From: WB3KUM/9 <breedend@NO.excite.SPAM.com>
Message-ID: <39AAA99E.D0131D51@NO.excite.SPAM.com>
Source record: 8469

I just got back a E-Mail for an inquiry about this. A asked if they were upgrading the 746 or were comming out with a desk top equivelent to the 706MkIIG to compete withthe Yaesu FT847 and the upcomming Kenwood. They said no and there was no immeadiate plans for the future.

2186. Re: Decoding WxSat .wav files into image - question!

Newsgroup: rec.radio.amateur.space
Date: 2000-08-28 00:00:00 UTC
From: marsgal42@hotmail.com
Message-ID: <8oec0qqnm1@nnrp1.deja.com>
Source record: 8470

In article <SUnq5.1256$yF4.219979@den-news1.rmi.net>,
"Tom G." <tegwilym@wolfenet.com> wrote:
> I just got a basic APT station up and running. I am using a turnstile
> dipole, no pre-amp, WxSat Software and a Radio Shack Pro-38 scanner.
I know
> the bandwidth isn't very good on the scanner, but I'll work more on
that
> later.
> I just go the antenna built and was able to download an image and
saved it
> as a .wave file. I can see there is some kind of image in it when I
process
> it, but it is all skewed to the side. It appears that I just need to
set up
> the horizontal sync somehow to set up where the picture should start
and end
> on each line. Right now I just have a bunch of angled lines across
the
> screen at about a 20 degree angle. I can see there is a picture in
there,
> but just can't figure out how to straighten it out.
> The satellite is the Meteor 3-5 that I received the picture from this
> morning on a nice pass where it was about 60 degrees above the
horizon.
> Sounded really strong as it passed over!

Congratulations! You can see how handy it is to record
the pass and play with it offline until you get it right...

Some things to try, in order of generally decreasing
desireability:

- check the decoding settings in wxsat - there is one for
Meteor, whose carrier and sync frequencies are
different from the NOAA satellites.

- Does wxsat sync to the image (the "sync" numbers at the
top of the window)?

- have you tried manual sync?

- have you adjusted the PLL parameters in the synchronous
detector (usually only needed for tape-recorded passes)?

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..." - Hospital/Shafte

Sent via Deja.com http://www.deja.com/
Before you buy.

2187. GPS gets 1215-1300 MHz

Newsgroup: rec.radio.amateur.space
Date: 2000-08-28 00:00:00 UTC
From: Cortland Richmond <Cortland.Richmond@usa.alcatel.com>
Message-ID: <39AAB154.D270CC63@usa.alcatel.com>
Source record: 8471
Cross-posted to: rec.radio.amateur.space,rec.radio.amateur.policy

Conformity magazine's online update (http://www.conformity-update.com/) reports the World Radio Conference has acted with regard to spectrum assignments. Among other things it has assigned the complete 1215-1300 Mhz range to the GPS L2 band (see http://www.spectrum.ieee.org/special/wrc2000/index2.html)

Looks like we just lost 1.2 GHz.

The SPECTRUM article ends with:

"In all, claimed ITU Secretary General Yoshio Utsumi in a concluding press conference held this morning, 'This was the most successful conference of the ITU held so far.'"

Not for us!

Cortland
(ka5s@saber.net)

2188. Re: GPS gets 1215-1300 MHz

Newsgroup: rec.radio.amateur.space
Date: 2000-08-28 00:00:00 UTC
From: K0HB@USWEST.NET
Message-ID: <8oecd9$1a9$1@news.netmar.com>
Source record: 8472
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.space

In article <39AAB154.D270CC63@usa.alcatel.com>, Cortland Richmond
<Cortland.Richmond@usa.alcatel.com> writes:
>Conformity magazine's online update (http://www.conformity-update.com/)
>reports the World Radio Conference has acted with regard to spectrum
>assignments. Among other things it has assigned the complete 1215-1300
>Mhz range to the GPS L2 band (see
>http://www.spectrum.ieee.org/special/wrc2000/index2.html)
>
>Looks like we just lost 1.2 GHz.
>

That band has always been shared with radio-locating. We haven't lost
anything.

"(h) No amateur station transmitting in the 23 cm band, the 3 cm band, the
24.05-24.25 GHz segment, the 76-81 GHz segment, the 144-149 GHz segment and
the 241-248 GHz segment shall cause harmful interference to, nor is protected
from interference due to the operation of, stations authorized by other
nations in the radiolocation service."

73, Hans, K0HB

----- Posted via NewsOne.Net: Free (anonymous) Usenet News via the Web -----
http://newsone.net/ -- Free reading and anonymous posting to 60,000+ groups
NewsOne.Net prohibits users from posting spam. If this or other posts
made through NewsOne.Net violate posting guidelines, email abuse@newsone.net

2189. Re: Is ICOM going to come out with a new Satellite radio?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-28 00:00:00 UTC
From: "Leland C. Scott" <no-spam@junk-mail.net>
Message-ID: <sqlfbf4jt91119@corp.supernews.com>
Source record: 8473

There is a photo of Icom's new, and unreleased, satellite rig (IC-910) at
the following URL:

http://www.mlands.co.uk/news.asp

--
Leland C. Scott
KC8LDO

"WB3KUM/9" <breedend@NO.excite.SPAM.com> wrote in message
news:39AAA99E.D0131D51@NO.excite.SPAM.com...
> I just got back a E-Mail for an inquiry about this. A asked if they were
> upgrading the 746 or were comming out with a desk top equivelent to the
706MkIIG
> to compete withthe Yaesu FT847 and the upcomming Kenwood. They said no
and
> there was no immeadiate plans for the future.
>

2190. Re: Decoding WxSat .wav files into image - question!

Newsgroup: rec.radio.amateur.space
Date: 2000-08-28 00:00:00 UTC
From: tegwilym@my-deja.com
Message-ID: <8oeht1$27q$1@nnrp1.deja.com>
Source record: 8474

> Congratulations! You can see how handy it is to record
> the pass and play with it offline until you get it right...

Yes! This is fun stuff, even with the crappy receiver I have at the moment. I can see there is an image in there, some of it looks like it could even be fairly clear, but I just have to twist it a bit to get it out.

> - check the decoding settings in wxsat - there is one for
> Meteor, whose carrier and sync frequencies are
> different from the NOAA satellites.

Yes, I have learned that there are some things with the Meteor that are different from the others. I have been looking for stuff one he internet about that satellite and have learned that this problem is kind of a common one. I also downloaded the .ini file from this site: http://www.drdale.com/cam/wxsat/index.htm and tried his settings out.

> - Does wxsat sync to the image (the "sync" numbers at the
> top of the window)?

Not sure about that, I'll have to look at that and see what it says.

> - have you tried manual sync?

I tried that when I was receiving the image live, but haven't tried that with the .wav yet. Do you just click the Manual sync after you start the decoding?

> - have you adjusted the PLL parameters in the synchronous
> detector (usually only needed for tape-recorded passes)?

I think this falls into the settings that I don't understand what they mean yet. I'm sure I fiddled with them a bit not knowing what I was doing.

Sent via Deja.com http://www.deja.com/
Before you buy.

2191. Re: You're wrong, Stop whining!! Re: "Insanity" on UO-14

Newsgroup: rec.radio.amateur.space
Date: 2000-08-28 00:00:00 UTC
From: John Mock <kd6pag@qsl-nojunk.net>
Message-ID: <87lmxg4l3w.fsf@mongrel.kd6pag.ampr.org>
Source record: 8475

You're Wrong. You made a retards mistake on field-day. You losers showed up at field day planning to make only one or two satellite contacts which is totally contrary to field-days purpose.

That's the right attitude, and that's what i did last year. I actually made the first contact for our group, Alaska from the greater SF Bay Area (and eventually worked the same station in the dead of the night on 20M) I don't remember if i was running 1W or 140mW, but on Pacific passes, that's what i often run, into a homebrew hand-held antenna. No doubt, all of the transcontinental passes were total mob scenes, with everyone walking over each other, but there weren't even a half-dozen stations on for that pass, so i worked a couple of others so they got their bonus points. So, yes, you can win with power, but you can often win by cleverness as well.

The HF side of your group
didn't show up at field day only able to work one band, why did you show up at field day only able to work one type transponder? It's because you're a Loser and someone needs to take a black felt marker and write the word "RETARD" on your forehead. My advice: When you go to field-day next year, you need to set up an oscar station and plan to work as many stations on as many different satellites as possible.

On field day, one contact is sufficient (unless you're able to work AO-10 or equivalent). TThat's hy the first contact carries lots of points, and the additional ones count for no more than a terrestrial contact.

Under such circumstances, satellite resources are very valuable and should be used sparingly and appropriately.

year, you need to set up an oscar station and plan to work as many stations on as many different satellites as possible. That's the whole point of field-day.

No, the point of Field Day is to show what we can do with a minimum of preparation and in a manner which simulates an emergency. Under such circumtances, yes, you want to handle as much traffic as you can, under marginal conditions and with improvised equipment. And demonstrate you can utilize a satellite if you really needed to.

If you have the equipment to work one of the big birds (AO-10 or soon, P3D), or one of the linear LEOs (FO-20, FO-29, or RS-13), please, PLEASE stay off of the FM satellites on Field Day! Please leave them for those who can't afford a fancy station, or maybe are operating in spirit of Field Day, with portable or minimal equipment.

And to return to the earlier topic of discussion. I just got onto UO-14, probably on a few watts (no meter handy), and it's been so long i had to

look up the frequencies. Again, a Pacific pass with a modest number of people on, all very well behaved. So, those of you west of the Rockies, try a late evening pass on UO-14; you might be surprised. But you are right that transcontinental passes on weekends are usually quite a zoo, it's been that way for years.

-- KD6PAG (Networking Old-Timer, satellite QRPer)

P.S. REMINDER: Please don't try to operate on AO-27 until they're done diagnosing its recent reboots and successfully upload its normal operating software. If you don't transmit until you can at least copy callsigns, then you stay out of trouble and won't make the most common mistake seen on the FM birds. Persistent stations with 'no ears' have been far more disliked than nearly all of the alligators on AO-27.

2192. ft100 sat reception

Newsgroup: rec.radio.amateur.space
Date: 2000-08-29 00:00:00 UTC
From: Damien D Keffyn <keffyn@pacific.net.au>
Message-ID: <39ab981b.6e15c@nancy.pacific.net.au>
Source record: 8476

Anyone have any luck getting wx sat pics with a yaesu ft-100? And if so
how
I cant hear a dickey bird...

2193. Re: Ham-Space Digest V2000 #222 (AbsentWise)

Newsgroup: rec.radio.amateur.space
Date: 2000-08-29 00:00:00 UTC
From: malcolm.andrew@aeat.co.UK
Message-ID: <s9abb78a.010@a-hgwd3.harwell.aeat.co.uk>
Source record: 8477

I am absent from 02 August 2000 until 31 August 2000. Please contact Duncan Mackay on 01235 433388 or 720 3388.

2194. Re: Ham-Space Digest V2000 #222 (AbsentWise)

Newsgroup: rec.radio.amateur.space
Date: 2000-08-29 00:00:00 UTC
From: Bruce Cox <peacox@gloryroad.net>
Message-ID: <39ABF08E.E96E27C0@gloryroad.net>
Source record: 8478

Sure will be glad when 31 August gets here. Hope the burglars didn't clean you out. pc

Malcolm Andrew wrote:

> I am absent from 02 August 2000 until 31 August 2000. Please contact Duncan Mackay on 01235 433388 or 720 3388.

2195. Re: Decoding WxSat .wav files into image - question!

Newsgroup: rec.radio.amateur.space
Date: 2000-08-29 00:00:00 UTC
From: frg9600 <frg9600@home.com>
Message-ID: <REVq5.144293$i5.2117792@news1.frmt1.sfba.home.com>
Source record: 8479

Here are the results I get using the wav file method with WXsat
http://members.xoom.com/frg9600/apt.html
then with David Taylors program.
http://www.davidtaylor.freeserve.co.uk/software/satsignal.htm

2196. Re: Decoding WxSat .wav files into image - question!

Newsgroup: rec.radio.amateur.space
Date: 2000-08-29 00:00:00 UTC
From: tegwilym@my-deja.com
Message-ID: <8ohdbr$dl1$1@nnrp1.deja.com>
Source record: 8480

In article <REVq5.144293$i5.2117792@news1.frmt1.sfba.home.com>,
"frg9600" <frg9600@home.com> wrote:
> Here are the results I get using the wav file method with WXsat
> http://members.xoom.com/frg9600/apt.html
> then with David Taylors program.
> http://www.davidtaylor.freeserve.co.uk/software/satsignal.htm

That program does do a good job. I tried it but it doens't seem to
figure out what kind of satellite signal it is. I set mine up to
decode the Meteor signal, but then it says it has some problem and asks
if I would like to continue with the NOAA settings. I click 'yes' and
it does something, but then nothing shows up.

I'm thinking that my recording might not be that good since I am
loosing a lot with the narrow bandwidth of the scanner?

Sent via Deja.com http://www.deja.com/
Before you buy.

2197. Scanner mod for Wx sat reception

Newsgroup: rec.radio.amateur.space
Date: 2000-08-29 00:00:00 UTC
From: tegwilym@my-deja.com
Message-ID: <8ohdur$ec4$1@nnrp1.deja.com>
Source record: 8481

I am thinking of doing the .01 uF thing to my old Pro-38 scanner to try to widen the bandwidth for the APT satellites. The IF filter appears to have 3 pins on it, I'm assuming they are ground, input and output? I'm assuming that the cap goes across the input and output where the IF filter was plugged in?

I should also be getting a Bearcat 210 scanner that I will try to modify also for this using the info I found on the web, but since the pro-38 already can receive them, I thought I might try to modify this one also.

Any advice???

Thanks,

Tom KA7VIK

Sent via Deja.com http://www.deja.com/
Before you buy.

2198. Re: Decoding WxSat .wav files into image - question!

Newsgroup: rec.radio.amateur.space
Date: 2000-08-29 00:00:00 UTC
From: marsgal42@hotmail.com
Message-ID: <8ohgfr$hl9$1@nnrp1.deja.com>
Source record: 8482

In article <8ohdbr$dl1$1@nnrp1.deja.com>,
tegwilym@my-deja.com wrote:

> (snip...)
> I'm thinking that my recording might not be that good since I am
> loosing a lot with the narrow bandwidth of the scanner?

Why not put a few seconds worth somewhere on the web and let people
have a listen? That would answer the question quickly.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..." - Hospital/Shafte

Sent via Deja.com http://www.deja.com/
Before you buy.

2199. Re: Any input with using either FT-100 or IC-706IIG for mobile satellite?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-29 00:00:00 UTC
From: Jim Grosswon <grosswon@hotmail.com>
Message-ID: <FI%q5.37217$gb.1303752@nntp2.onemain.com>
Source record: 8483

Hey Jim,

I use a VX-5R from Yaesu with a Comet SMA-24 antenna and I have been able to listen to UO-14 a number of times. I have not actually tried to transmit yet. I am still getting the hang tracking the satellites.

The VX-5R has a neat function. It has a spectrum analyser built in. This allows you to monitor the frequencies above and below the nominal downlink. It makes it easier to see when the satellite is in range. Then I shift over to my preprogrammed uplink/downlink freqs that compensate for the doppler shift.

John
"KA1MSO" <ka1mso@aol.comnospam> wrote in message
news:20000829212312.06097.00000042@ng-ba1.aol.com...
> Any input with using either FT-100 or IC-706IIG for mobile satellite?
Looking
> to do both either portable or mobile.
>
> Thanks in advance!
>
> Jim KC2GTD

2200. Re: Decoding WxSat .wav files into image - question!

Newsgroup: rec.radio.amateur.space
Date: 2000-08-29 00:00:00 UTC
From: "Tom G." <tegwilym@wolfenet.com>
Message-ID: <WB1r5.1956$yF4.314820@den-news1.rmi.net>
Source record: 8484

It took a lot of screwing around, but I finally worked out an image.
Nothing very pretty, but at least you can see there is some ocean, clouds
and land in the picture. I just have to figure out how to get rid of the
wavy mess in the picture.
I also pulled out the IF filter and put in a .01uF cap in the Pro-38
scanner. I haven't had a good satellite flyover since I did that, but I can
still receive with it, so I know I didn't destroy anything too critical!

I put my first attempt on a web site here:
http://tegwilym.homestead.com/index.html

Comments are welcome -- even bad ones!
:-)

Tom

<marsgal42@hotmail.com> wrote in message news:8ohgfr$hl9$1@nnrp1.deja.com...
> In article <8ohdbr$dl1$1@nnrp1.deja.com>,
> tegwilym@my-deja.com wrote:
>
> > (snip...)
> > I'm thinking that my recording might not be that good since I am
> > loosing a lot with the narrow bandwidth of the scanner?
>
> Why not put a few seconds worth somewhere on the web and let people
> have a listen? That would answer the question quickly.
>
> Laura Halliday VE7LDH "Que les nuages soient notre
> Grid: CN89mg pied a terre..." - Hospital/Shafte
>
>
> Sent via Deja.com http://www.deja.com/
> Before you buy.

2201. Re: Ham-Space Digest V2000 #223 (AbsentWise)

Newsgroup: rec.radio.amateur.space
Date: 2000-08-30 00:00:00 UTC
From: malcolm.andrew@aeat.co.UK
Message-ID: <s9ad090a.001@a-hgwd3.harwell.aeat.co.uk>
Source record: 8487

I am absent from 02 August 2000 until 31 August 2000. Please contact Duncan Mackay on 01235 433388 or 720 3388.

2202. Re: Stay off AO-27 FM repeater off the air

Newsgroup: rec.radio.amateur.space
Date: 2000-08-30 00:00:00 UTC
From: "R.L. Tannehill, P.E." <rickw7rt@firstinter.net>
Message-ID: <39AD4E19.CDE3C4F6@firstinter.net>
Source record: 8488

It appears that our hamsats are failing faster than they are being replaced. All the JAWSAT group failed. In the last two years or so, we've lost RS10, RS11, RS12, AO21, AO13, AO21, AO27?, and AO10 tumbling, with FO20 and UO14 partially crippled. If P3D doesn't make it up successfully , the amateur space program may be doomed in a matter of only a few years.

Rick T.
W7RT

Kevin wrote:
>
> Copies to: recipient list not shown: ;
> Subject: ARLS007 AO-27 FM repeater off the air
> Organization: American Radio Relay League
> Date sent: Thu, 24 Aug 2000 08:23:29 EDT
> From: "ARRL Members Only Web site" <memberlist@www.arrl.org>
>
> SB SPACE @ ARL $ARLS007
> ARLS007 AO-27 FM repeater off the air
>
> ZCZC AS07
> QST de W1AW
> Space Bulletin 007 ARLS007
> >From ARRL Headquarters
> Newington, CT August 24, 2000
> To all radio amateurs
>
> SB SPACE ARL ARLS007
> ARLS007 AO-27 FM repeater off the air
>
> Amateurs are being asked to stay off the AO-27 satellite uplink as
> ground controllers try to restart the satellite following a July 31
> software crash. The request from ground controller Michael Wyrick,
> N4USI, comes as ground controllers are attempting to reload the
> satellite's software.
>
> ''The analog repeater is turned off, so you will not be heard, and
> you will interfere with the software upload process,'' Wyrick said in
> asking for the cooperation of the amateur community. He says ground
> controllers are working as fast as they can to get AO-27 back in
> operation.
>
> AO-27 contains an FM voice repeater that uplinks on 2 meters and
> downlinks on 70 cm. A project of AMRAD, it was launched in September

> 1993.
>
> The satellite's CPU rebooted again after controllers tried to run
> uploaded high-level code. Ground controllers still are at a loss to
> explain the second reboot, but Wyrick says they are looking into
> several leads.
>
> Wyrick says the AO-27 exciter on 435.797 is turned on full-time and
> operates at low power during uploads.
>
> Wyrick also requested that hams not flood controllers with e-mail
> asking when AO-27 is going to be back on-line.
> NNNN
> /EX
>
> --
>
> Kevin
> ---
> http://NWOregonRadio.netfirms.com/mods.html a site covering
> NW Oregon Scanner, SWL and Ham Radio topics and radio
> modifications. http://www.egroups.com/group/HAMSWLSCANSALE
> ---

2203. Any input with using either FT-100 or IC-706IIG for mobile satellite?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-30 01:23:12 UTC
From: ka1mso@aol.comnospam
Message-ID: <20000829212312.06097.00000042@ng-ba1.aol.com>
Source record: 8485

Any input with using either FT-100 or IC-706IIG for mobile satellite? Looking to do both either portable or mobile.

Thanks in advance!

Jim KC2GTD

2204. Re: Is ICOM going to come out with a new Satellite radio?

Newsgroup: rec.radio.amateur.space
Date: 2000-08-30 01:32:50 UTC
From: Rob Kling <rkling@home.com>
Message-ID: <6vZq5.19767$QW4.247718@news1.rdc1.mi.home.com>
Source record: 8486

With a little help from this group the question is answered. Have a look at this site.

http://www.icom.co.jp/index.html

On the left side of the frame there is a 910 link; poke it and have a look. Yes I know its in Japense, if your browser wants to download the Japanese characters just cancel it.

"Rob Kling" <rkling@home.com> wrote in message
news:G5vq5.18167$QW4.222524@news1.rdc1.mi.home.com...
> I have checked the ICOM site several times and it appears to be nothing to
> replace the IC821H. Can anyone speculate or do we settle for the current
> state of satellite technology. If there is something new I hope it would
do
> 9600 bps-better and have the higher frequencies(>440) such. It would even
> be nice to have a few DSP modems built into the unit or at least have the
> ability to have third parties write the DSP codes and we just upload the
> ones we need. It gets somewhat tedious to switch all the time between HF
and
> VHF and satellite modes. I just bought another TNC so that I do not have
to
> switch. With the current state of technology there is so much more that
can
> be done in the radio that it now makes sense to do so!
>
> Rob Kling
> N8YBV
>
>

2205. 23rd Annual LARC HAMFEST 2000 SUNDAY, SEPT. 24TH

Newsgroup: rec.radio.amateur.space
Date: 2000-08-31 01:50:34 UTC
From: VE3SLO <ve3slo@kbsites.on.ca>
Message-ID: <KRir5.142900$c5.3820341@news2.rdc1.on.home.com>
Source record: 8490

In London Ontario Canada...

London Amateur Radio Club has another hamfest on the way. This is expected to be the biggest and best ever at our new location! Computers, radio equipment and electronics flea market. See the web site for more details.

Lot's of free parking! Food on site! Vendor tables filling fast!!!
Reserve tickets early! Slots next door!

LARC HAMFEST 2000
SUNDAY, SEPT. 24TH
9:00 AM TO 1:00 PM
VENDORS SETUP 8:00 AM
ADMISSION: $6.00, TABLES: $8.00

More details at http://www.larc.on.ca

2206. Re: Stay off AO-27 FM repeater off the air

Newsgroup: rec.radio.amateur.space
Date: 2000-08-31 04:51:03 UTC
From: Jeff Grey <cdma77@aol.com>
Message-ID: <39ADE437.1FAD@aol.com>
Source record: 8489

R.L. Tannehill, P.E. wrote:
>
> It appears that our hamsats are failing faster than they are being
> replaced. All the JAWSAT group failed. In the last two years or so,
> we've lost RS10, RS11, RS12, AO21, AO13, AO21, AO27?, and AO10 tumbling,
> with FO20 and UO14 partially crippled. If P3D doesn't make it up
> successfully , the amateur space program may be doomed in a matter of
> only a few years.
>
> Rick T.
> W7RT
>
> Kevin wrote:
> >
> > Copies to: recipient list not shown: ;
> > Subject: ARLS007 AO-27 FM repeater off the air
> > Organization: American Radio Relay League
> > Date sent: Thu, 24 Aug 2000 08:23:29 EDT
> > From: "ARRL Members Only Web site" <memberlist@www.arrl.org>
> >
> > SB SPACE @ ARL $ARLS007
> > ARLS007 AO-27 FM repeater off the air
> >
> > ZCZC AS07
> > QST de W1AW
> > Space Bulletin 007 ARLS007
> > >From ARRL Headquarters
> > Newington, CT August 24, 2000
> > To all radio amateurs
> >
> > SB SPACE ARL ARLS007
> > ARLS007 AO-27 FM repeater off the air
> >
> > Amateurs are being asked to stay off the AO-27 satellite uplink as
> > ground controllers try to restart the satellite following a July 31
> > software crash. The request from ground controller Michael Wyrick,
> > N4USI, comes as ground controllers are attempting to reload the
> > satellite's software.
> >
> > ''The analog repeater is turned off, so you will not be heard, and
> > you will interfere with the software upload process,'' Wyrick said in
> > asking for the cooperation of the amateur community. He says ground
> > controllers are working as fast as they can to get AO-27 back in
> > operation.

> >
> > AO-27 contains an FM voice repeater that uplinks on 2 meters and
> > downlinks on 70 cm. A project of AMRAD, it was launched in September
> > 1993.
> >
> > The satellite's CPU rebooted again after controllers tried to run
> > uploaded high-level code. Ground controllers still are at a loss to
> > explain the second reboot, but Wyrick says they are looking into
> > several leads.
> >
> > Wyrick says the AO-27 exciter on 435.797 is turned on full-time and
> > operates at low power during uploads.
> >
> > Wyrick also requested that hams not flood controllers with e-mail
> > asking when AO-27 is going to be back on-line.
> > NNNN
> > /EX
> >
> > --
> >
> > Kevin
> > ---
> > http://NWOregonRadio.netfirms.com/mods.html a site covering
> > NW Oregon Scanner, SWL and Ham Radio topics and radio
> > modifications. http://www.egroups.com/group/HAMSWLSCANSALE
> > ---

Rick,

AO-27 will return most likely, UO-14 is NOT crippled, FO-20 works great and AO-10 works pretty well most of the time. You have to remember that we are no replacing them at a regular rate.

Jeff
N8EIP

2207. Re: Ham-Space Digest V2000 #224 (AbsentWise)

Newsgroup: rec.radio.amateur.space
Date: 2000-08-31 12:22:05 UTC
From: malcolm.andrew@aeat.co.UK
Message-ID: <s9ae5bf4.094@a-hgwd3.harwell.aeat.co.uk>
Source record: 8491

I am absent from 02 August 2000 until 31 August 2000. Please contact Duncan Mackay on 01235 433388 or 720 3388.

2208. Re: 23rd Annual LARC HAMFEST 2000 SUNDAY, SEPT. 24TH

Newsgroup: rec.radio.amateur.space
Date: 2000-08-31 16:01:37 UTC
From: "Leland C. Scott" <no-spam@junk-mail.net>
Message-ID: <sqt0b32nc5d32@corp.supernews.com>
Source record: 8492

How do the guys in the flea market feel about some Yanks coming up from Detroit with only US dollars to spend? Would anybody have a problem in dealing in US currency? A few people I know are thinking about making the 2 to 3 hour drive up there.

--
Leland C. Scott
KC8LDO

"VE3SLO" <ve3slo@kbsites.on.ca> wrote in message
news:KRir5.142900$c5.3820341@news2.rdc1.on.home.com...
> In London Ontario Canada...
>
> London Amateur Radio Club has another hamfest on the way. This is
expected
> to be the biggest and best ever at our new location! Computers, radio
> equipment and electronics flea market. See the web site for more details.
>
> Lot's of free parking! Food on site! Vendor tables filling fast!!!
> Reserve tickets early! Slots next door!
>
> LARC HAMFEST 2000
> SUNDAY, SEPT. 24TH
> 9:00 AM TO 1:00 PM
> VENDORS SETUP 8:00 AM
> ADMISSION: $6.00, TABLES: $8.00
>
> More details at http://www.larc.on.ca
>
>

2209. Latest progress on my satellite project....

Newsgroup: rec.radio.amateur.space
Date: 2000-08-31 19:06:40 UTC
From: tegwilym@my-deja.com
Message-ID: <8omabf$6it$1@nnrp1.deja.com>
Source record: 8493

Ok, I'm starting to figure this stuff out better now. I just posted 2 more images on the web site: http://tegwilym.homestead.com/

These didn't turn out that well, but at least what is visible isn't all twisted like the Meteor image. Also the mod I did to my scanner seems to work, the audio from the satellites sounds a lot better and actually sounds like the samples I have found on the web sites!

I'll have to check if the nulls in the image are happening when the satellite is directly overhead, so maybe my dipole phasing is backwards?

I set up my computer to record a good high pass of Noaa-14 this afternoon while I'm at work, so hopefully I will come home and find a good signal to process!

Question: if the audio is too low, would that cause the images to come out kind of gray looking?

Tom KA7VIK

Sent via Deja.com http://www.deja.com/
Before you buy.

2210. ! sinclair MK14 wanted

Newsgroup: rec.radio.amateur.space
Date: 2000-08-31 22:42:07 UTC
From: David <david.oharrow@btinternet.com>
Message-ID: <8omnd3$mu0$50@uranium.btinternet.com>
Source record: 8494

Hi,

I am trying to locate a Science of cambridge (Later to become sinclair) Mk14 computer. The computer was available in a home built kit in the UK and, from what i am led to believe, many were sold to amateur radio enthusiast, as, at this time they were the only people experimenting with electonics in the home build environment. (Hence my reason for posting in this group)

If you have one, or any spares, or indeed any sinclair items ie radios, calculators, watches, etc, working or otherwise, that you would like to sell please email me as i cannot regularly access newsgroups.

I would also possibly be interested in early home computers from the late 1970 to the late 1980s. Preferably boxed but all will be considered.

Thank you in advance.

david.oharrow@btinternet.com

2211. Re: Any Studs Wanna Fuck My Virgin Whiteboy Ass?

Newsgroup: rec.radio.amateur.space
Date: 2000-09-01 05:23:12 UTC
From: Rickhit@worldnet.att.net
Message-ID: <39af3cc6.40517545@netnews.worldnet.att.net>
Source record: 8495

On 1 Sep 2000 00:14:50 GMT, segels@home.com wrote:

>Hi My Name Is Sean,
>-

>Snip The Garbage!!!

Get the hell off the net You scum bag!!!
It's no wonder that a lot of people hate gays. Your sex preferance
sucks!!! may you burn in hell!!!

Enough said, let get back to Space Comms...

Rick

2212. Re: Latest progress on my satellite project....

Newsgroup: rec.radio.amateur.space
Date: 2000-09-01 07:55:38 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8quo7p.qo4.nomail@linux.pe1chl.ampr.org>
Source record: 8497

tegwilym@my-deja.com <tegwilym@my-deja.com> wrote:
>I'll have to check if the nulls in the image are happening when the
>satellite is directly overhead, so maybe my dipole phasing is backwards?

This is very tricky to get right. You can spend an hour making twisting
movements with our hands, reasoning, and looking in a textbook all the time,
and still get it wrong on the first try. And you already have a 50-50
chance of getting it right when you don't even bother to check it.

Remember that even NASA engineers made this mistake on one of the first
TV satellites.

However, there will always be nulls. Where they are depends on the
distance from the reflector (for a crossed dipole) and on the antenna type.
Equal gain from horizon to zenith is difficult to achieve.

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

2213. 38.4 kbps EVM

Newsgroup: rec.radio.amateur.space
Date: 2000-09-01 08:05:05 UTC
From: Jabi Aguirre <govier02@sarenet.es>
Message-ID: <8onnimflk1@unbe.sarenet.es>
Source record: 8496

Dear all
I have new beta code for 9.6, 19.6, 28.8 and 38.4 Kbds for theDSP56002EVM.
Pse send news if are interesed.
Regards de Jabi, Ea2ARUI

2214. Re: Latest progress on my satellite project....

Newsgroup: rec.radio.amateur.space
Date: 2000-09-01 16:37:43 UTC
From: tegwilym@my-deja.com
Message-ID: <8oom0ltjq1@nnrp1.deja.com>
Source record: 8498

I have a feeling that I have my antenna phased correctly. That one first image I got from the Meteor satellite is pretty clear most of the way through (even considering that the receiver is narrow band, no pre-am on the antenna, and the picture is warped).
http://tegwilym.homestead.com/
I'm still trying to get another good recording so I can see if the scanner mod works ok. Yesterday I had the computer all set up to record a few good NOAA-14 passes. When I got home I found to my horror that I forgot to plug the audio cable into the computer! D'oh!!!
I had about 14 megs of nothing recorded. Oh well....
Last night I tried using a desktop computer instead of the laptop, for a good high angle pass this morning. Something didn't work right again since I got a little bit of image of the edge, but everything else was just black, the recording didn't sound very good either. Strange, since it was at least 80 degrees above the horizon.

What do most people use to record the signals with? Tape recorder? Computer?

I have been using the Satscape software and pick out the best satellite passes and just set it up to record one satellite. When it's in range it will automatically download it to a .wav file. Maybe when I get a pre-amp on the antenna, I'll get a better signal so I can set it to scan all the freqs and then lock on to one as it comes over. I just don't have enough signal strength right now to break the squelch reliably.

The quest for good pictures continues.....

Tom

> This is very tricky to get right. You can spend an hour making twisting
> movements with our hands, reasoning, and looking in a textbook all the time,
> and still get it wrong on the first try. And you already have a 50-50
> chance of getting it right when you don't even bother to check it.
>
> Remember that even NASA engineers made this mistake on one of the first
> TV satellites.
>
> However, there will always be nulls. Where they are depends on the
> distance from the reflector (for a crossed dipole) and on the antenna type.
> Equal gain from horizon to zenith is difficult to achieve.

Sent via Deja.com http://www.deja.com/
Before you buy.

2215. Re: Latest progress on my satellite project....

Newsgroup: rec.radio.amateur.space
Date: 2000-09-01 18:28:16 UTC
From: marsgal42@hotmail.com
Message-ID: <8oosf5$5nm$1@nnrp1.deja.com>
Source record: 8499

In article <8oom0ltjq1@nnrp1.deja.com>,
tegwilym@my-deja.com wrote:

> (snip)
> Last night I tried using a desktop computer instead of the laptop, for
> a good high angle pass this morning. Something didn't work right
again
> since I got a little bit of image of the edge, but everything else was
> just black, the recording didn't sound very good either. Strange,
since
> it was at least 80 degrees above the horizon.

What was the local time? Visible images are always dark, even
in mid-summer, while IR images always look light and washed out.
This is well documented - e.g. Taggart. I use gimp to tweak the
gamma curve to show me detail in otherwise-black (or white)
pictures.

> What do most people use to record the signals with? Tape recorder?
> Computer?

I've always recorded directly to the computer. That way you get
accurate, crystal-controlled recordings. An analogue tape
recorder that is sufficiently stable to do satellite images
justice will be hard to find, and it will be expensive. DAT
would have been ideal, but it never really took off.

> I have been using the Satscape software and pick out the best
satellite
> passes and just set it up to record one satellite. When it's in range
> it will automatically download it to a .wav file.

Language point: "download" connotes digital protocol activity.
You are recording signals. For now, I wouldn't worry about
timing - eliminate a variable by recording passes live when
you're at home.

> ...Maybe when I get a
> pre-amp on the antenna, I'll get a better signal so I can set it to
> scan all the freqs and then lock on to one as it comes over. I just
> don't have enough signal strength right now to break the squelch
> reliably.

You need a better antenna. NOAA-14 was full-quieting this morning
(0700 local time) on my Pro-43 with a rubber duck. A preamp
will increase the range of elevations over which the satellites
are full quieting. It won't magically bring the signals up out

of the noise.

If your domestic situation makes antennas impossible, and you're not prepared to move, consider a portable system: take a radio, antenna and tape recorder to a parking lot or park or something, record the signals, and then bring them home for processing.

> The quest for good pictures continues.....

Good luck. While I applaud your enthusiasm, you're trying to do too many things at once, and need to be a little more patient about it.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..." - Hospital/Shafte

Sent via Deja.com http://www.deja.com/
Before you buy.

2216. Re: Latest progress on my satellite project....

Newsgroup: rec.radio.amateur.space
Date: 2000-09-01 20:01:11 UTC
From: tegwilym@my-deja.com
Message-ID: <8op1tpcjl1@nnrp1.deja.com>
Source record: 8500

Hmmm....sorry if I reply twice to this, I wasn't logged into Dejanews
and lost the previous response I sent.

> What was the local time? Visible images are always dark

Just before 7am. I got part of the image edge, but everything else was
just black.

> I've always recorded directly to the computer. That way you get
> accurate, crystal-controlled recordings. An analogue tape
> recorder that is sufficiently stable to do satellite images
> justice will be hard to find,

So do the analog recorders just vary too much in the speed they play?
Do you have any problems with computer noise getting into the radio
when recording? It seems that the Micron laptop I have been using is a
lot quiter than the desktop computer I tried last night.

> Language point: "download" connotes digital protocol activity.

Sorry, I've been into computers too long! Just getting back into radio
stuff again and find myself crossing terms incorrectly. :-P

> You need a better antenna. NOAA-14 was full-quieting this morning
> (0700 local time) on my Pro-43 with a rubber duck. A preamp
> will increase the range of elevations over which the satellites
> are full quieting. It won't magically bring the signals up out
> of the noise.

I do understand that the amp won't pull signals out of the noise. I'm
mainly want to boost them a bit and get a lower shot at the horizon.
Do the amps act as a bandpass filter at all and block anything on the
sides? I'm assuming it probably doesn't.
Also I think I should work on my BNC connectors, I used the twist on
type and I know those can't compare to the solder type. One of them
was from Radio Shack and that one just about fell apart when putting it
on. Radio Shack sure hasn't improved at all over the years.

> If your domestic situation makes antennas impossible, and you're
> not prepared to move

Someday I would like a house, but for now I'm stuck in the condo. It
isn't too bad, I have 2 floors and a large patio where I can put the
antenna.

> consider a portable system: take a radio,
> antenna and tape recorder to a parking lot or park or something,
> record the signals, and then bring them home for processing.

Yeah, my antenna can easily come apart and fit in something like a tent pole bag.

> Good luck. While I applaud your enthusiasm, you're trying
> to do too many things at once, and need to be a little more
> patient about it.

Yeah I know! I just get kind of excited when I discover something new and facinating.

Tom

Sent via Deja.com http://www.deja.com/
Before you buy.

2217. Re: 23rd Annual LARC HAMFEST 2000 SUNDAY, SEPT. 24TH

Newsgroup: rec.radio.amateur.space
Date: 2000-09-02 02:36:56 UTC
From: Gary Coffman <ke4zv@bellsouth.net>
Message-ID: <tpp0rs0t5a4s999lsqi4hoe10474tug20i@4ax.com>
Source record: 8501

On Thu, 31 Aug 2000 12:01:37 -0400, "Leland C. Scott" <no-spam@junk-mail.net> wrote:
>How do the guys in the flea market feel about some Yanks coming up from
>Detroit with only US dollars to spend? Would anybody have a problem in
>dealing in US currency? A few people I know are thinking about making the 2
>to 3 hour drive up there.

Trust me, they'll be happy to swap you Canadian dollars for your US dollars
1 for 1.

Gary
Gary Coffman KE4ZV | You make it |mail to ke4zv@bellsouth.net
534 Shannon Way | We break it |
Lawrenceville, GA | Guaranteed |

2218. Re: Latest progress on my satellite project....

Newsgroup: rec.radio.amateur.space
Date: 2000-09-02 06:51:12 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8r18qv.qo4.nomail@linux.pe1chl.ampr.org>
Source record: 8502

tegwilym@my-deja.com <tegwilym@my-deja.com> wrote:
>I'm still trying to get another good recording so I can see if the
>scanner mod works ok. Yesterday I had the computer all set up to
>record a few good NOAA-14 passes. When I got home I found to my horror
>that I forgot to plug the audio cable into the computer! D'oh!!!
>I had about 14 megs of nothing recorded. Oh well....
>Last night I tried using a desktop computer instead of the laptop, for
>a good high angle pass this morning. Something didn't work right again

This will teach you how to work with satellites... at least if you do mind the lost time.

A decade ago, I was writing software to download files from UO-14 (the satellite that was now released as an FM repeater, it was a digital BBS in its first life!). I had to write some code, wait for the satellite to come over, discover within 10 seconds that something was seriously wrong, and then the remainder of the pass was usually too short to fix it and try again.

So, again wait for the next pass (1.5 hours) for the next try. This of course all on rainy sundays, as on weekdays more than half of the passes occur during working hours, dinner time, or bedtime. You got maybe 2 or 3 usable passes on a weekday.

I can assure you that this helps in getting things right the first time. (one is forced to pay attention to details as simple as "audio cable not plugged in")

So, you can either work in a very disciplined way (test and check everything) so that stupid little mistakes don't occur too often, or alternatively you can do it the easy way and just relax when something went wrong and hope you have better luck next time, without worrying to much about it.

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

2219. Re: 23rd Annual LARC HAMFEST 2000 SUNDAY, SEPT. 24TH

Newsgroup: rec.radio.amateur.space
Date: 2000-09-02 06:54:27 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8r1912.qo4.nomail@linux.pe1chl.ampr.org>
Source record: 8503

Gary Coffman <ke4zv@bellsouth.net> wrote:
>On Thu, 31 Aug 2000 12:01:37 -0400, "Leland C. Scott" <no-spam@junk-mail.net> wrote:
>>How do the guys in the flea market feel about some Yanks coming up from
>>Detroit with only US dollars to spend? Would anybody have a problem in
>>dealing in US currency? A few people I know are thinking about making the 2
>>to 3 hour drive up there.

>Trust me, they'll be happy to swap you Canadian dollars for your US dollars
>1 for 1.

Just like we happily take our neighbor's DMs :-)

Why bother having unified currency when you can make easy money this way...

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

2220. Out of Office AutoReply: Ham-Space Digest V2000 #226

Newsgroup: rec.radio.amateur.space
Date: 2000-09-02 12:12:26 UTC
From: dotey@lucent.COM
Message-ID: <D29A604485D6D111BDFC00A0C9AA8C26063B5901@il0015exch002u.ih.lucent.com>
Source record: 8504

I am currently out of the office on vacation returning 8/28/00.

2221. Re: Latest progress on my satellite project....

Newsgroup: rec.radio.amateur.space
Date: 2000-09-02 18:44:49 UTC
From: "Tom G." <tegwilym@wolfenet.com>
Message-ID: <vKbs5.2255$yF4.509260@den-news1.rmi.net>
Source record: 8505

> This will teach you how to work with satellites... at least if you do
mind
> the lost time.
>

Yeah, I have been spending a lot of time figuring this stuff out. I have been setting it up to record during the day when at work using the Satscape software, then run home and see if there is anything good on the hard drive. Hopefully not a large chunk of wasted hard drive space!

I did order one of those Pre-amps from Hamtronics the other day, so hopefully that shows up next week. I still can't seem to get any images that look as good as the first warped image I got from the Meteor 3-5 last weekend, but I continue to try and fiddle around with stuff.

I did put a photo of my antenna on the web page last nigth, take a look!

http://tegwilym.homestead.com/

Tom

2222. T�l�chargez vos cartes APRS pour UI-VIEW sur mon site

Newsgroup: rec.radio.amateur.space
Date: 2000-09-02 22:19:10 UTC
From: Pierrot <pierrot@magic.fr>
Message-ID: <967933328.168281@casablanca.magic.fr>
Source record: 8506

T�l�chargez vos cartes APRS pour UI-VIEW sur mon site
en tout 10 cartes g�n�ralistes et plus pr�cises
� d�couvrir sur mon site :
--
� bient�t
Meilleures 73 de Pierre / F1LED

Web : http://perso.magic.fr/pierrot
Mail : Pierre GRAND - B.P. 106 - 81600 GAILLAC

2223. Help me build my dream satellite station

Newsgroup: rec.radio.amateur.space
Date: 2000-09-03 01:29:49 UTC
From: michael malloy <mmalloy@wi.rr.com>
Message-ID: <hQhs5.14127$_e4.658639@typhoon.mw.mediaone.net>
Source record: 8507

I am in the process of building a satellite station. What would be the "state of the art" in a station today. Especially interested in opinions on coax, antennas, antenna tracking interfaces and preamps. Also looking to have this station computer controlled.

2224. FS: VHF SSB Equipment

Newsgroup: rec.radio.amateur.space
Date: 2000-09-03 01:34:42 UTC
From: Michael David Hiltner <the.hiltner.family@sympatico.ca>
Message-ID: <39B1AA89.22E1A8E3@sympatico.ca>
Source record: 8508
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur,rec.radio.swap,rec.radio.amateur.swap

Thank you for reading my message today.

I can not remember the e-mail address for a list server I was on from Sanford University. Too many HDD crashes I guess. If you know the e-mail of the W6(YZ@stanford.edu?) Mail list please forward that address to me please. I would like to say my good bye's to those on that listserver as well.

Name here is Michael David Hiltner
Call is VE3VRQ (AKA: CF3VRQ), No doubt, I have QSL'd with many on 2m & 6m SSB!
Grid is FN13gx

I will be departing for Saudi Arabia on the 20th of this month, and have been notified that I will not be able to bring over any of my radio equipment into the country.

Since I will be there for 5 years, I have decided to liquidate my Amateur Radio Equipment Holdings. There is one station for intl radio users (about 300km from where I will be stationed), I intend to visit this QTH as much as possible.

Remember These items WILL be sold to the BEST OFFERED PRICE. There are only 18 days prior to my departure, so please Print &/or FWD this message to as many Radio Amateurs you know to get the widest exposure. Time is of the utmost importance. Do NOT hessitate on this offer! They WILL be gone before too long.

Items:

o Yaesu FT221r 2m
o Yaesu FT736r 2m / 440cm
o Mirage A1015g 100w 6m Amp
o GC Electronics 6m SWR & Power Meter
o General Electric (Shure Brothers) mic w/ 600ohm mic modification (This is what gave me my crystal clear transmitions on both my FT221r & FT736r!).

Buyer assumes the responsability for shipment / insurance of all of the above items.

Mailing address for your cheque:

Michael David Hiltner
VE3VRQ
18993 Loyalist Parkway

R.R.#3 Consecon, Ontario
K0K 1T0
Canada

Thank you kindly for your time & QSO's! I have enjoyed each and every opening I have been able to muster!

73 my friends! de, VE3VRQ, Michael

2225. Re: Help me build my dream satellite station

Newsgroup: rec.radio.amateur.space
Date: 2000-09-03 07:16:27 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8r3uma.qo4.nomail@linux.pe1chl.ampr.org>
Source record: 8509

michael malloy <mmalloy@wi.rr.com> wrote:
>I am in the process of building a satellite station. What would be the
>"state of the art" in a station today. Especially interested in opinions on
>coax, antennas, antenna tracking interfaces and preamps. Also looking to
>have this station computer controlled.

The first thing you will have to realize is that no dream station will
compensate for lack of experience with the basic stuff. When you don't
want to waste your time getting familiar with manual controls, insensitive
receivers, not-quite-good-enough antenna's etc it is better to forget the
entire operation than to try and build the dream station on the first try.

Besides that, you will find that all the fun basically ends when you have
tweaked the last imperfection out of the station.

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

2226. Re: Latest progress on my satellite project....

Newsgroup: rec.radio.amateur.space
Date: 2000-09-03 11:37:23 UTC
From: trueblood_m@compuserve.com
Message-ID: <39b224a7.1136288@news.compuserve.com>
Source record: 8510

On Thu, 31 Aug 2000 19:06:40 GMT, tegwilym@my-deja.com
wrote:

>Ok, I'm starting to figure this stuff out better now. I just posted 2
>more images on the web site: http://tegwilym.homestead.com/
>

>Tom KA7VIK
>

Suggest that you should take a look at http://www.rig.org.uk
this site is devoted to weather satallite signal reception
and the interpretation of the pictures.

RIG (Remote Imaging Group) is UK based but has members in 51
countries, their magazine, 6 issues a year, is well worth a
subscribition.

Also, take a look at http://www.egroups.com they host mail
lists. One such is rig-l (nothing to do with RIG
officially, see the archived postings) The archive has a lot
of interesting info.

A group based in the Netherlands http://www.kunstmanen.nl is
well worth a look at.

Cheers,

--
Mike Trueblood
Liverpool
U.K.

2227. ao-27?

Newsgroup: rec.radio.amateur.space
Date: 2000-09-03 11:47:17 UTC
From: "Larry D. Clark" <buddycl@swbell.net>
Message-ID: <39B23A45.344CB990@swbell.net>
Source record: 8511

what's the status of a0-27? working or not

larry
kd5foy
em12

2228. Re: Help me build my dream satellite station

Newsgroup: rec.radio.amateur.space
Date: 2000-09-03 12:26:41 UTC
From: Michael Malloy <mmalloy@wi.rr.com>
Message-ID: <5srs5.17638$_e4.680737@typhoon.mw.mediaone.net>
Source record: 8512

Thanks for the reply. I have had some experience with the FM birds using HT's and an Arrow antenna and a small preamp. I now want to upgrade to a more robust station and try working the pacsats as well.

Mike

"Rob Janssen" <nomail@rob.knoware.nl> wrote in message news:slrn8r3uma.qo4.nomail@linux.pe1chl.ampr.org...
> michael malloy <mmalloy@wi.rr.com> wrote:
> >I am in the process of building a satellite station. What would be the
> >"state of the art" in a station today. Especially interested in opinions on
> >coax, antennas, antenna tracking interfaces and preamps. Also looking to
> >have this station computer controlled.
>
> The first thing you will have to realize is that no dream station will
> compensate for lack of experience with the basic stuff. When you don't
> want to waste your time getting familiar with manual controls, insensitive
> receivers, not-quite-good-enough antenna's etc it is better to forget the
> entire operation than to try and build the dream station on the first try.
>
> Besides that, you will find that all the fun basically ends when you have
> tweaked the last imperfection out of the station.
>
> Rob
> --
>
+----------------------------------+--------------------------------------+
> | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob
|
> | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU
|
>
+----------------------------------+--------------------------------------+

2229. Re: Latest progress on my satellite project....

Newsgroup: rec.radio.amateur.space
Date: 2000-09-05 15:48:12 UTC
From: marsgal42@hotmail.com
Message-ID: <8p34jm$p3s$1@nnrp1.deja.com>
Source record: 8513

In article <vKbs5.2255$yF4.509260@den-news1.rmi.net>,
"Tom G." <tegwilym@wolfenet.com> wrote:

> I still can't seem to get any images that look as good as the
> first warped image I got from the Meteor 3-5 last
> weekend, but I continue to try and fiddle around with stuff.

I can confirm the psychedelic swirls from Meteor 3-5, after
grabbing a pass Saturday morning. Looks like it's blown a
fuse too. Sigh.

Meteor 3-5 was always good for spectacular images, being
in a much higher than usual orbit, but still sith strong
downlink signals.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..." - Hopsital/Shafte

Sent via Deja.com http://www.deja.com/
Before you buy.

2230. Re: Stay off AO-27 FM repeater off the air

Newsgroup: rec.radio.amateur.space
Date: 2000-09-05 18:48:42 UTC
From: "R.L. Tannehill, P.E." <rickw7rt@firstinter.net>
Message-ID: <39B5400A.F3315664@firstinter.net>
Source record: 8514

Jeff Grey wrote:
>
> R.L. Tannehill, P.E. wrote:
> >
> > It appears that our hamsats are failing faster than they are being
> > replaced. All the JAWSAT group failed. In the last two years or so,
> > we've lost RS10, RS11, RS12, AO21, AO13, AO21, AO27?, and AO10 tumbling,
> > with FO20 and UO14 partially crippled. If P3D doesn't make it up
> > successfully , the amateur space program may be doomed in a matter of
> > only a few years.
> >
> > Rick T.
> > W7RT
> >
> > Kevin wrote:
> > >
> > > Copies to: recipient list not shown: ;
> > > Subject: ARLS007 AO-27 FM repeater off the air
> > > Organization: American Radio Relay League
> > > Date sent: Thu, 24 Aug 2000 08:23:29 EDT
> > > From: "ARRL Members Only Web site" <memberlist@www.arrl.org>
> > >
> > > SB SPACE @ ARL $ARLS007
> > > ARLS007 AO-27 FM repeater off the air
> > >
> > > ZCZC AS07
> > > QST de W1AW
> > > Space Bulletin 007 ARLS007
> > > >From ARRL Headquarters
> > > Newington, CT August 24, 2000
> > > To all radio amateurs
> > >
> > > SB SPACE ARL ARLS007
> > > ARLS007 AO-27 FM repeater off the air
> > >
> > > Amateurs are being asked to stay off the AO-27 satellite uplink as
> > > ground controllers try to restart the satellite following a July 31
> > > software crash. The request from ground controller Michael Wyrick,
> > > N4USI, comes as ground controllers are attempting to reload the
> > > satellite's software.
> > >
> > > ''The analog repeater is turned off, so you will not be heard, and
> > > you will interfere with the software upload process,'' Wyrick said in
> > > asking for the cooperation of the amateur community. He says ground

> > > controllers are working as fast as they can to get AO-27 back in
> > > operation.
> > >
> > > AO-27 contains an FM voice repeater that uplinks on 2 meters and
> > > downlinks on 70 cm. A project of AMRAD, it was launched in September
> > > 1993.
> > >
> > > The satellite's CPU rebooted again after controllers tried to run
> > > uploaded high-level code. Ground controllers still are at a loss to
> > > explain the second reboot, but Wyrick says they are looking into
> > > several leads.
> > >
> > > Wyrick says the AO-27 exciter on 435.797 is turned on full-time and
> > > operates at low power during uploads.
> > >
> > > Wyrick also requested that hams not flood controllers with e-mail
> > > asking when AO-27 is going to be back on-line.
> > > NNNN
> > > /EX
> > >
> > > --
> > >
> > > Kevin
> > > ---
> > > http://NWOregonRadio.netfirms.com/mods.html a site covering
> > > NW Oregon Scanner, SWL and Ham Radio topics and radio
> > > modifications. http://www.egroups.com/group/HAMSWLSCANSALE
> > > ---
>
> Rick,
>
> AO-27 will return most likely, UO-14 is NOT crippled, FO-20 works great
> and AO-10 works pretty well most of the time. You have to remember that
> we are no replacing them at a regular rate.
>
> Jeff
> N8EIP

My mistake on UO14 Jeff...I didn't mean to include that one in the group. However, I often work (attempt) AO10, and find that it's utility has dropped significantly in the past year....it is barely usable at all, and usually less than 20,000 slant range out. The tumbling has caused much weaker signals than we used to have. For all but those with all the the most sophisticated OSCAR arrays, this one is pretty much useless now.

As for AO27....time will tell. DO17's problems started out the same way, and quickly gave way to total failure.

Bottom line: We desperately need a successful launch and operation of P3D.

Rick T.

2231. Re: ao-27?

Newsgroup: rec.radio.amateur.space
Date: 2000-09-05 19:45:31 UTC
From: jimmy john <jj@sandwitch.org>
Message-ID: <4A8A59F2BDCDD311BFC800508BA36AC804443AF8@www.indianarep.com>
Source record: 8515

Not. (check http://www.amsat.org and sign up for their email list for
latest news)

Larry D. Clark <buddycl@swbell.net> wrote in message
news:39B23A45.344CB990@swbell.net...
>
> what's the status of a0-27? working or not
>
> larry
> kd5foy
> em12
>

2232. Re: Latest progress on my satellite project....

Newsgroup: rec.radio.amateur.space
Date: 2000-09-05 21:54:28 UTC
From: "Jim Shaffer, Jr." <jshaffer@mail.csrlink.net>
Message-ID: <j6qarsslnht79652v2r3p9obfamdijde00@4ax.com>
Source record: 8516

On Tue, 05 Sep 2000 15:48:12 GMT, marsgal42@hotmail.com wrote:

>I can confirm the psychedelic swirls from Meteor 3-5, after
>grabbing a pass Saturday morning. Looks like it's blown a
>fuse too. Sigh.

Is Meteor 2-21 still on the air? I listened for it a few days ago and didn't
hear anything.

--
"[W]hether or not [the Philadelphia Experiment] happened in 1943 is not
relevant. It is, for us, like the 'flying saucer' a gedankenexperiment
to get us to the next step in post-Einsteinian unified field theory."
-Dr. Jack Sarfatti, in http://stardrive.org/Jack/algebra.pdf

2233. shuttle freqs???

Newsgroup: rec.radio.amateur.space
Date: 2000-09-05 23:59:28 UTC
From: Bill Heinzinger <w9ol@billnjudy.com>
Message-ID: <IMft5.36089$o4.5806066@newsrump.sjc.telocity.net>
Source record: 8517

Leaving for FL to watch STS take off.
Anyone have any freqs. I can program into my Icom handheld and possibly hear
any traffic?

--

Official Member of the Piss & Moan About Everything Club
---

w9ol@billnjudy.com http://www.billnjudy.com
w9ol@telocity.com

2234. Re: Latest progress on my satellite project....

Newsgroup: rec.radio.amateur.space
Date: 2000-09-06 00:10:52 UTC
From: tegwilym@my-deja.com
Message-ID: <8p4220qpk1@nnrp1.deja.com>
Source record: 8518

Seems that the Meteor 3-5 is working again! I heard that from somone
on another WxSat group that I have been reading. I have an image from
it on my site that I recorded this weekend.

Tom
http://tegwilym.homestead.com/

Sent via Deja.com http://www.deja.com/
Before you buy.

2235. Re: shuttle freqs???

Newsgroup: rec.radio.amateur.space
Date: 2000-09-06 00:52:38 UTC
From: Tim <tthomps@nospam.erols.com>
Message-ID: <8p44da$45j$1@bob.news.rcn.net>
Source record: 8519

See below...

You might want to monitor 259.7 MHz and 296.8 MHz when the astronauts
perform their prelaunch voice checks.

Bill Heinzinger wrote in message ...
>Leaving for FL to watch STS take off.
>Anyone have any freqs. I can program into my Icom handheld and possibly
hear
>any traffic?
>

165.1875----KENNEDY SPACE CENTER - SAFETY
173.6625----KENNEDY SPACE CENTER - SAFETY
173.6875----KENNEDY SPACE CENTER - SECURITY
173.1750----KENNEDY SPACE CENTER - SECURITY
163.4625----KENNEDY SPACE CENTER - SECURITY
173.5625----KENNEDY SPACE CENTER - FIRE/RESCUE
173.7820----KENNEDY SPACE CENTER - FIRE/RESCUE
163.5625----KENNEDY SPACE CENTER - FIRE/RESCUE
162.6125----KENNEDY SPACE CENTER - LAUNCH SUPPORT OPS
170.1500----KENNEDY SPACE CENTER - BASE COMMANDER
163.5375----KENNEDY SPACE CENTER - HURRICANE OPERATIONS
165.4125----KENNEDY SPACE CENTER - ORBITER OPERATIONS
173.4375----KENNEDY SPACE CENTER - MEDICAL SERVICES
170.1750----KENNEDY SPACE CENTER - RAIL/GSA OPERATIONS
162.0125----KENNEDY SPACE CENTER - MARINE OPERATIONS
171.2625----KENNEDY SPACE CENTER - MEDIA COORDINATION
407.3250----KENNEDY SPACE CENTER - OPERATIONS POOL
408.1500----KENNEDY SPACE CENTER - OPERATIONS POOL
409.1750----KENNEDY SPACE CENTER - OPERATIONS POOL
148.4850----KENNEDY SPACE CENTER - PHOTO OPERATIONS
126.3000----KENNEDY SPACE CENTER - NASA SHUTTLE
135.6000----KENNEDY SPACE CENTER - ATS-1
135.5750----KENNEDY SPACE CENTER - ATS-3
296.8000----KENNEDY SPACE CENTER - SHUTTLE
141.3000----KENNEDY SPACE CENTER - NASA AIR SUPPORT
118.8000----KENNEDY SPACE CENTER - AFS SKIDSTRIP CAPE CANAVERAL AFS
381.2000----KENNEDY SPACE CENTER - AFS SKIDSTRIP CAPE CANAVERAL AFS
126.2000----KENNEDY SPACE CENTER - TOWER
284.0000----KENNEDY SPACE CENTER - TOWER
121.7500----KENNEDY SPACE CENTER - GROUND
259.7000----KENNEDY SPACE CENTER - SPACE SHUTTLE OPS
163.4875----KENNEDY SPACE CENTER - SECURITY
163.5125----KENNEDY SPACE CENTER - SECURITY

165.1875----KENNEDY SPACE CENTER - CHECK POINTS
170.4000----KENNEDY SPACE CENTER - GENERAL SERVICES ADM
173.6625----KENNEDY SPACE CENTER - NASA SAFETY
173.6875----KENNEDY SPACE CENTER - NASA SAFETY
163.5625----KENNEDY SPACE CENTER - FIRE/RESCUE
173.5625----KENNEDY SPACE CENTER - FIRE/RESCUE
173.1750----KENNEDY SPACE CENTER - FIRE/RESCUE
173.7875----KENNEDY SPACE CENTER - FIRE/RESCUE
155.7150----KENNEDY SPACE CENTER - CIVIL DEFENCE
158.9400----KENNEDY SPACE CENTER - CIVIL DEFENCE
167.9750----KENNEDY SPACE CENTER - CIVIL DEFENCE
167.8500----KENNEDY SPACE CENTER - NUCLEAR MATERIALS
164.0000----KENNEDY SPACE CENTER - RADIATION MONITORING
282.2000----KENNEDY SPACE CENTER - SEARCH & RESCUE
170.3500----KENNEDY SPACE CENTER - VIP'S
408.1500----KENNEDY SPACE CENTER - SHUTTLE GROUND OPS
408.8000----KENNEDY SPACE CENTER - SHUTTLE GROUND OPS
170.1500----KENNEDY SPACE CENTER - PUBLIC RELATIONS
170.3500----KENNEDY SPACE CENTER - PUBLIC RELATIONS
170.3500----KENNEDY SPACE CENTER - PAGER
171.1500----KENNEDY SPACE CENTER - MAINTENANCE
170.1750----KENNEDY SPACE CENTER - MOTOR POOL
173.6875----KENNEDY SPACE CENTER - VAN ESCORTS
170.4000----KENNEDY SPACE CENTER - VEHICLE MAINTENANCE
171.0000----KENNEDY SPACE CENTER - PARKING CONTROL
171.1500----KENNEDY SPACE CENTER - FUELS
171.0000----KENNEDY SPACE CENTER - POWER UTILITIES
142.5000----KENNEDY SPACE CENTER - CRANES
142.8600----KENNEDY SPACE CENTER - CRANES
143.0400----KENNEDY SPACE CENTER - CRANES
148.4550----KENNEDY SPACE CENTER - CRANES
149.1750----KENNEDY SPACE CENTER - CRANES
407.4750----KENNEDY SPACE CENTER - CRANES
408.1500----KENNEDY SPACE CENTER - CRANES
408.1750----KENNEDY SPACE CENTER - CRANES
409.0500----KENNEDY SPACE CENTER - CRANES
148.4550----KENNEDY SPACE CENTER - CRAWLERS
149.1750----KENNEDY SPACE CENTER - CRAWLERS
163.4625----KENNEDY SPACE CENTER - CONTRACTOR SECURITY
148.4850----KENNEDY SPACE CENTER - LAUNCH OPERATIONS
162.6125----KENNEDY SPACE CENTER - LAUNCH OPERATIONS
148.4550----KENNEDY SPACE CENTER - RECOVERY VESSELS
162.0125----KENNEDY SPACE CENTER - RECOVERY VESSELS
162.0125----KENNEDY SPACE CENTER - MISSILE BARGES
148.4850----KENNEDY SPACE CENTER - PHOTO UNITS
043.8800----KENNEDY SPACE CENTER - WILDLIFE CONTROL
162.6125----KENNEDY SPACE CENTER - ALPHA CONTROL
462.9250----KENNEDY SPACE CENTER - CAPE CANAVERAL HOSP
049.7000----KENNEDY SPACE CENTER - EOD
049.8000----KENNEDY SPACE CENTER - EOD

041.4500----KENNEDY SPACE CENTER - EOD
046.6500----KENNEDY SPACE CENTER - EOD
049.6200----KENNEDY SPACE CENTER - EOD
138.1500----KENNEDY SPACE CENTER - EOD
139.0500----KENNEDY SPACE CENTER - EOD
139.2500----KENNEDY SPACE CENTER - EOD
139.3000----KENNEDY SPACE CENTER - EOD
139.4250----KENNEDY SPACE CENTER - EOD
139.9000----KENNEDY SPACE CENTER - EOD
140.1700----KENNEDY SPACE CENTER - EOD
140.2000----KENNEDY SPACE CENTER - EOD
140.4000----KENNEDY SPACE CENTER - EOD
141.0000----KENNEDY SPACE CENTER - EOD
141.3000----KENNEDY SPACE CENTER - EOD
142.8600----KENNEDY SPACE CENTER - EOD
143.2800----KENNEDY SPACE CENTER - EOD
143.4300----KENNEDY SPACE CENTER - EOD
143.0350----KENNEDY SPACE CENTER - EOD
148.2500----KENNEDY SPACE CENTER - EOD
148.5150----KENNEDY SPACE CENTER - EOD
148.5600----KENNEDY SPACE CENTER - EOD
149.1500----KENNEDY SPACE CENTER - EOD
149.2500----KENNEDY SPACE CENTER - EOD
149.9000----KENNEDY SPACE CENTER - EOD
150.1500----KENNEDY SPACE CENTER - EOD
150.1950----KENNEDY SPACE CENTER - EOD
150.2500----KENNEDY SPACE CENTER - EOD
156.1850----KENNEDY SPACE CENTER - EOD
163.5625----KENNEDY SPACE CENTER - EOD
163.5875----KENNEDY SPACE CENTER - EOD
164.5000----KENNEDY SPACE CENTER - EOD
165.0125----KENNEDY SPACE CENTER - EOD
165.0375----KENNEDY SPACE CENTER - EOD
165.1125----KENNEDY SPACE CENTER - EOD
165.6125----KENNEDY SPACE CENTER - EOD
171.1500----KENNEDY SPACE CENTER - EOD
173.5375----KENNEDY SPACE CENTER - EOD
393.0000----KENNEDY SPACE CENTER - SKID TOWER
264.8000----KENNEDY SPACE CENTER - "THINKER 1"
294.6000----KENNEDY SPACE CENTER - "BARRACKS 9"
294.6000----KENNEDY SPACE CENTER - "VARIETY 1"
252.8000----KENNEDY SPACE CENTER - "RESCUE"
117.8000----KENNEDY SPACE CENTER - KENNEDY OPERATIONS
121.9000----KENNEDY SPACE CENTER - KENNEDY OPERATIONS
126.4000----KENNEDY SPACE CENTER - KENNEDY OPERATIONS
148.4000----KENNEDY SPACE CENTER - KENNEDY OPERATIONS
162.6000----KENNEDY SPACE CENTER - KENNEDY OPERATIONS
170.1000----KENNEDY SPACE CENTER - KENNEDY OPERATIONS
164.8000----KENNEDY SPACE CENTER - KENNEDY AIRCRAFT OPS
148.5000----KENNEDY SPACE CENTER - KENNEDY SHIP OPS

149.1000----KENNEDY SPACE CENTER - KENNEDY SHIP OPS
162.0000----KENNEDY SPACE CENTER - KENNEDY SHIP OPS
121.5000----KENNEDY SPACE CENTER - MANNED FLIGHT SAR
123.1000----KENNEDY SPACE CENTER - MANNED FLIGHT SAR
156.0000----KENNEDY SPACE CENTER - MANNED FLIGHT SAR
156.8000----KENNEDY SPACE CENTER - MANNED FLIGHT SAR
157.1000----KENNEDY SPACE CENTER - MANNED FLIGHT SAR
243.0000----KENNEDY SPACE CENTER - MANNED FLIGHT SAR
282.5000----KENNEDY SPACE CENTER - MANNED FLIGHT SAR
264.8000----KENNEDY SPACE CENTER - SPACE SHUTTLE CHASE
171.2650----KENNEDY SPACE CENTER - MEDIA COORDINATION
126.6500----KENNEDY SPACE CENTER - SHUTTLE PRIOR LAUNCH
128.5500----KENNEDY SPACE CENTER - TOWER
284.0000----KENNEDY SPACE CENTER - TOWER
020.1858----KENNEDY SPACE CENTER - REBROADCAST - MALABAR
148.4850----KENNEDY SPACE CENTER - LAUNCH COUNTDOWN/STATUS
170.1500----KENNEDY SPACE CENTER - BASE OPERATIONS
170.1750----KENNEDY SPACE CENTER - TRANSPORTATION
170.3500----KENNEDY SPACE CENTER - PUBLIC RELATIONS
173.1750----KENNEDY SPACE CENTER - SECURITY - GATES
118.4000----PATRICK AFB - APPROACH/DEPARTURE CONTROL
121.7000----PATRICK AFB - GROUND CONTROL
125.1000----PATRICK AFB - APPROACH CONTROL
126.2000----PATRICK AFB - CONTROL TOWER
128.8000----PATRICK AFB - DISPATCHER
138.3000----PATRICK AFB - COMMAND POST
273.5000----PATRICK AFB - ATIS
335.8000----PATRICK AFB - GROUND CONTROL
340.9000----PATRICK AFB - APPROACH/DEPARTURE CONTROL
344.6000----PATRICK AFB - WEATHER
348.4000----PATRICK AFB - CONTROL TOWER
358.3000----PATRICK AFB - APPROACH CONTROL
372.2000----PATRICK AFB - DISPATCHERS

NASA: FREQUENCIES IN KHZ/USB COMMONLY
2622--------NASA BOOSTER ROCKET RECOVERY
11407-------NASA BOOSTER ROCKET RECOVERY
5810--------NASA BOOSTER ROCKET RECOVERY
3385--------NASA TRACKING
3395--------NASA TRACKING
6983--------NASA TRACKING
14456-------NASA TRACKING
5190--------NASA TRACKING VESSELS
20186-------NASA TRACKING (ASCENCION ISLAND)
20191-------NASA TRACKING (ASCENCION ISLAND)
6708--------NASA AIRCRAFT
6896--------NASA AIRCRAFT
7461--------NASA AIRCRAFT
7765--------NASA AIRCRAFT
7675--------NASA KENNEDY OPERATIONS

10780-------NASA KENNEDY OPERATIONS
11205-------NASA PACIFIC OPERATIONS
20390-------USAF CAPE RADIO

CONTRACTORS
123.4750----CONTRACTORS (ROCKWELL - KENNEDY SPACE CENTER)
123.3000----CONTRACTORS (MCDONNELL DOUGLAS - EDWARDS AFB)
123.5500----CONTRACTORS (MCDONNELL DOUGLAS - EDWARDS AFB)
151.9550----CONTRACTORS (COM-TECH ASSOCIATES - KENNEDY SPACE CENTER)
152.4800----CONTRACTORS (IBM & HARRIS CORP - KENNEDY SPACE CENTER)
154.5150----CONTRACTORS (TWA - KENNEDY SPACE CENTER)

DOWNLINKS/UPLINKS
1831.800----LINKS (PRIMARY - USAF UPLINK/PHASE MODULATION)
1775.100----LINKS (SECONDARY - USAF UPLINK/PHASE MODULATION)
2106.400----LINKS (PRIMARY - NASA UPLINK/PHASE MODULATION)
2041.900----LINKS (SECONDARY - NASA UPLINK/PHASE MODULATION)
2205.000----LINKS (NASA DOWNLINK - FM)
2250.000----LINKS (NASA DOWNLINK - FM)
2287.500----LINKS (PRIMARY - NASA DOWNLINK/VOICE/PHASE MOD)
2217.500----LINKS (SECONDARY - NASA DOWNLINK/VOICE/PHASE MOD)

SHUTTLE FREQUENCIES BY CITY
442.0750----FL-CLEARWATER BEACH
421.7500----FL-COCOA
147.1500----FL-DAYTONA BEACH
145.2100----FL-FORT LAUDERDALE
442.6500----FL-FORT LAUDERDALE
146.9000----FL-GAINESVILLE
147.1200----FL-JACKSONVILLE
144.3850----FL-JACKSONVILLE
147.3750----FL-LAKELAND
051.8400----FL-LARGO
145.2300----FL-LARGO
144.4000----FL-MACCLENNY
145.1700----FL-MELBOURNE
146.9400----FL-MERRITT ISLAND
147.1500----FL-ORLANDO
443.1000----FL-ORLANDO

121.5000----INTERNATIONAL EMERGENCY AIR FREQUENCY
243.0000----INTERNATIONAL EMERGENCY AIR FREQUENCY

SHUTTLE/MIR COMMUNICATIONS
121.7500----AIR/AIR - LOW POWER FM NARROW MODE
259.7000----SPACE SHUTTLE VOICE UPLINK/DOWNLINK - AM MODE
296.8000----AIR/GROUND - ORBITER/SUIT
259.7000----AIR/GROUND - SUIT/ORBITER
279.0000----SUIT/ORBITER - SUIT/SUIT
243.0000----STANDARD MILITARY AIRCRAFT EMERGENCY FREQUENCY
2287.500----*PRIMARY DIGITAL DOWNLINK
2250.000----SEE NOTES BELOW FOR INFO

2236. Re: Could HF freqs reach Int'l Space Station or Mir?

Newsgroup: rec.radio.amateur.space
Date: 2000-09-06 08:55:00 UTC
From: martin@agnld.uni-potsdam.de
Message-ID: <8p50p4$72l$1@zeppelin.rz.uni-potsdam.de>
Source record: 8520
Cross-posted to: rec.radio.amateur.dx,rec.radio.amateur.space

Robert Casey <wa2ise@ix.netcom.com> wrote in
<39B5C6FD.1D05539C@ix.netcom.com>:

: Assuming they had a HF rig and antenna, could hams aboard the old Mir
or
: the new to be built International Space Station communicate with HF to
: hams
: on the ground? ...

Most probably, yes. According to Sven Grahn's Space Radio Notes
at http://www.users.wineasy.se/svengrahn/radioind/radioin1.htm
several spacecraft have used shortwave communication when they
were "out of sight" of the ground station, mainly on frequencies
around 15, 18, and 20 MHz.

There are also allocations for amateur radio space communications
in the 28 MHz, 21 MHz, and 7 MHz bands, although it seems that the
latter haven't been used yet.

73, Jan-Martin

(F'up to rec.radio.amateur.space)

2237. Re: Latest progress on my satellite project....

Newsgroup: rec.radio.amateur.space
Date: 2000-09-06 16:05:34 UTC
From: marsgal42@hotmail.com
Message-ID: <8p5pvspkv1@nnrp1.deja.com>
Source record: 8521

In article <j6qarsslnht79652v2r3p9obfamdijde00@4ax.com>,
jshaffer@mail.csrlink.net wrote:
> On Tue, 05 Sep 2000 15:48:12 GMT, marsgal42@hotmail.com wrote:
>
> >I can confirm the psychedelic swirls from Meteor 3-5, after
> >grabbing a pass Saturday morning. Looks like it's blown a
> >fuse too. Sigh.
>
> Is Meteor 2-21 still on the air? I listened for it a few days ago and
didn't
> hear anything.

Doesn't that answer your question?

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..." - Hospital/Shafte

Sent via Deja.com http://www.deja.com/
Before you buy.

2238. FS:FT-726r w/hf

Newsgroup: rec.radio.amateur.space
Date: 2000-09-06 18:01:17 UTC
From: Davev <dvari@adelphia.net>
Message-ID: <NDvt5.2996$%f1.112633@news1.news.adelphia.net>
Source record: 8522

For sale
Yaesu FT-726r all mode(NO AM) satt rig.comes with hand mic,sattrack module,hf module (covers 10m,12,15,) 2m module.Still has an open slot for 1 more module,but rig comes with an extra set of wring harness.The owners manual isn't in the best of shape,all pages are there and readable.i'd rate this rig 8 of 10. Works, WILL NOT PART OUT,will not be D.O.D. Asking $600.00 in American dollars,shipped,contenetal n.a. Tnx for reading, de dave-n2rhl dvari@adelphia.net.

2239. Re: Could HF freqs reach Int'l Space Station or Mir?

Newsgroup: rec.radio.amateur.space
Date: 2000-09-06 19:02:48 UTC
From: Cortland Richmond <Cortland.Richmond@usa.alcatel.com>
Message-ID: <39B694D8.DB900F38@usa.alcatel.com>
Source record: 8523

Some decades ago I monitored a transmission from a Gemini capsule on 15.016
MHz (direct) talking about an oxygen problem. I think I was out in the field
with my unit, and used intercom wire between commo vans as an antenna for
the GRR-5 receiver.

Cortland
(ka5s@saber.net. I speak for myself alone, and not for my employer.)

martin@agnld.uni-potsdam.de wrote:

> Robert Casey <wa2ise@ix.netcom.com> wrote in
> <39B5C6FD.1D05539C@ix.netcom.com>:
>
> : Assuming they had a HF rig and antenna, could hams aboard the old Mir
> or
> : the new to be built International Space Station communicate with HF to
> : hams
> : on the ground? ...
>
> Most probably, yes. According to Sven Grahn's Space Radio Notes
> at http://www.users.wineasy.se/svengrahn/radioind/radioin1.htm
> several spacecraft have used shortwave communication when they
> were "out of sight" of the ground station, mainly on frequencies
> around 15, 18, and 20 MHz.
>
> There are also allocations for amateur radio space communications
> in the 28 MHz, 21 MHz, and 7 MHz bands, although it seems that the
> latter haven't been used yet.
>
> 73, Jan-Martin
>
> (F'up to rec.radio.amateur.space)

2240. Re: Could HF freqs reach Int'l Space Station or Mir?

Newsgroup: rec.radio.amateur.space
Date: 2000-09-07 01:57:22 UTC
From: ka3hsw@aol.comnojunk
Message-ID: <20000906215722.01130.00000098@nso-cv.aol.com>
Source record: 8524

>: Assuming they had a HF rig and antenna, could hams aboard the old Mir
>or
>: the new to be built International Space Station communicate with HF to
>: hams
>: on the ground? ...
>

Well, just consider how RS-13 works.......... uplink on 15 meters, downlink
on 10 meters. There's your answer.

73 de KA3HSW

delete "nojunk" from e-mail address before replying.

2241. Re: Latest progress on my satellite project....

Newsgroup: rec.radio.amateur.space
Date: 2000-09-08 00:16:50 UTC
From: "Jim Shaffer, Jr." <jshaffer@mail.csrlink.net>
Message-ID: <gu7grs8d6iii4b12i1tqm6optg989fcdmb@4ax.com>
Source record: 8525

On Wed, 06 Sep 2000 16:05:34 GMT, marsgal42@hotmail.com wrote:

>> Is Meteor 2-21 still on the air? I listened for it a few days ago and
>didn't
>> hear anything.
>
>Doesn't that answer your question?

With my temporary antenna setup, not really. :-) Plus, I can't remember if the
Meteor birds transmit in darkness.

--
"[W]hether or not [the Philadelphia Experiment] happened in 1943 is not
relevant. It is, for us, like the 'flying saucer' a gedankenexperiment
to get us to the next step in post-Einsteinian unified field theory."
-Dr. Jack Sarfatti, in http://stardrive.org/Jack/algebra.pdf

2242. STS-106

Newsgroup: rec.radio.amateur.space
Date: 2000-09-08 13:28:04 UTC
From: colin <colin_001@my-deja.com>
Message-ID: <8papgbjlf1@nnrp1.deja.com>
Source record: 8526

Just heard two transmissions from the crew of Atlantis between 1306 - 1308 UTC on uhf downlink 259.70. Last heard was "Houston we are going to close the doors." Qth: 50.58N 1.21W We get em sometimes. Colin

Sent via Deja.com http://www.deja.com/
Before you buy.

2243. Re: shuttle freqs???

Newsgroup: rec.radio.amateur.space
Date: 2000-09-08 17:44:13 UTC
From: AnonMn@netscape.net
Message-ID: <39b92543.57494069@news>
Source record: 8527

On Tue, 5 Sep 2000 20:52:38 -0400, "Tim" <tthomps@nospam.erols.com> wrote:
Tim,
Do you know if the NASA Shuttle freq. of 126.3 is FM or AM?

2244. Re: shuttle freqs???

Newsgroup: rec.radio.amateur.space
Date: 2000-09-08 20:02:23 UTC
From: Coredump <coredump@Xnospam.enteract.com>
Message-ID: <lchirs0bntpiq30jd5fnhpjkim0180j42m@4ax.com>
Source record: 8528

On Fri, 08 Sep 2000 17:44:13 GMT, AnonMn@netscape.net wrote:

>On Tue, 5 Sep 2000 20:52:38 -0400, "Tim" <tthomps@nospam.erols.com> wrote:
>Tim,
>Do you know if the NASA Shuttle freq. of 126.3 is FM or AM?

It's very likely to be AM. It's right in the middle of the aviation
Air/Ground band, which is all AM.

John - K9IJ

2245. Re: shuttle freqs???

Newsgroup: rec.radio.amateur.space
Date: 2000-09-08 20:24:58 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8riioq.7vl.nomail@linux.pe1chl.ampr.org>
Source record: 8529

Coredump <coredump@Xnospam.enteract.com> wrote:

>On Fri, 08 Sep 2000 17:44:13 GMT, AnonMn@netscape.net wrote:

>>On Tue, 5 Sep 2000 20:52:38 -0400, "Tim" <tthomps@nospam.erols.com> wrote:
>>Tim,
>>Do you know if the NASA Shuttle freq. of 126.3 is FM or AM?

>It's very likely to be AM. It's right in the middle of the aviation
>Air/Ground band, which is all AM.

But the MIR transmitters in that band are FM...

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

2246. RS13 Robot

Newsgroup: rec.radio.amateur.space
Date: 2000-09-08 22:29:14 UTC
From: Shamai Opfer <opfer@bezeqint.net>
Message-ID: <39b959ec@news.bezeqint.net>
Source record: 8530

Hi
Anyone knows if RS13 CW Robot is operating ? and when?
tx & 73
Shamai, 4z1ws
4z1ws@usa.net

2247. Re: RS13 Robot

Newsgroup: rec.radio.amateur.space
Date: 2000-09-08 23:01:22 UTC
From: marsgal42@hotmail.com
Message-ID: <8pbr3ptgc1@nnrp1.deja.com>
Source record: 8531

In article <39b959ec@news.bezeqint.net>,
"Shamai Opfer" <opfer@bezeqint.net> wrote:
> Hi
> Anyone knows if RS13 CW Robot is operating ? and when?
> tx & 73
> Shamai, 4z1ws
> 4z1ws@usa.net

When did you last hear it?

The robot ran lots on RS-10, but I don't recall ever
hearing it on RS-13.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..." - Hospital/shafte

Sent via Deja.com http://www.deja.com/
Before you buy.

2248. Re: shuttle freqs???

Newsgroup: rec.radio.amateur.space
Date: 2000-09-09 01:55:39 UTC
From: Tim <tthomps@nospam.erols.com>
Message-ID: <8pc57bhgh1@bob.news.rcn.net>
Source record: 8532

The book "Monitoring NASA Communications" lists 126.3 MHz as AM. It's
listed in this book as Shuttle landing VHF tower communications.

Tim

AnonMn@netscape.net wrote in message <39b92543.57494069@news>...
>On Tue, 5 Sep 2000 20:52:38 -0400, "Tim" <tthomps@nospam.erols.com> wrote:
>Tim,
>Do you know if the NASA Shuttle freq. of 126.3 is FM or AM?

2249. Re: shuttle freqs???

Newsgroup: rec.radio.amateur.space
Date: 2000-09-09 02:30:16 UTC
From: K9IJ <coredump@Xnospam.enteract.com>
Message-ID: <858jrscao6tirqh0gg6cmb286mqps0ljfi@4ax.com>
Source record: 8533

On Fri, 8 Sep 2000 20:24:58 GMT, nomail@rob.knoware.nl (Rob Janssen) wrote:

>Coredump <coredump@Xnospam.enteract.com> wrote:
>
>>On Fri, 08 Sep 2000 17:44:13 GMT, AnonMn@netscape.net wrote:
>
>>>On Tue, 5 Sep 2000 20:52:38 -0400, "Tim" <tthomps@nospam.erols.com> wrote:
>>>Tim,
>>>Do you know if the NASA Shuttle freq. of 126.3 is FM or AM?
>
>>It's very likely to be AM. It's right in the middle of the aviation
>>Air/Ground band, which is all AM.
>
>But the MIR transmitters in that band are FM...

On what frequencies ?

John

2250. Re: STS-106

Newsgroup: rec.radio.amateur.space
Date: 2000-09-09 05:09:54 UTC
From: Joe Leikhim <jleikhim@nettally.com>
Message-ID: <39B9C622.B4D5136C@nettally.com>
Source record: 8534

Same heard here in Tallahassee, FL.

colin wrote:

> Just heard two transmissions from the crew of Atlantis between 1306 - 1308
> UTC on uhf downlink 259.70. Last heard was "Houston we are going to close
> the doors." Qth: 50.58N 1.21W We get em sometimes. Colin
>
> Sent via Deja.com http://www.deja.com/
> Before you buy.

--
Joe Leikhim K4SAT
Jleikhim@nettally.com

"tv dinner by the pool,
i'm so glad i finished school" -F.Zappa 1967

"The Revolution will NOT be televised" -Gil Scott Heron

Dopeler effect: The tendency of stupid ideas to seem smarter when they come
at you rapidly.

2251. Re: shuttle freqs???

Newsgroup: rec.radio.amateur.space
Date: 2000-09-09 06:44:39 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8rjn2n.7vl.nomail@linux.pe1chl.ampr.org>
Source record: 8535

K9IJ <coredump@Xnospam.enteract.com> wrote:
>On Fri, 8 Sep 2000 20:24:58 GMT, nomail@rob.knoware.nl (Rob Janssen) wrote:

>>Coredump <coredump@Xnospam.enteract.com> wrote:

>>>On Fri, 08 Sep 2000 17:44:13 GMT, AnonMn@netscape.net wrote:

>>>>On Tue, 5 Sep 2000 20:52:38 -0400, "Tim" <tthomps@nospam.erols.com> wrote:
>>>>Tim,
>>>>Do you know if the NASA Shuttle freq. of 126.3 is FM or AM?

>>>It's very likely to be AM. It's right in the middle of the aviation
>>>Air/Ground band, which is all AM.

>>But the MIR transmitters in that band are FM...

>On what frequencies ?

121.75
130.167
143.625

(from Sven Grahn's pages)

Rob
--
+-----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+-----------------------------------+--------------------------------------+

2252. Use Palm computer for logging?

Newsgroup: rec.radio.amateur.space
Date: 2000-09-09 23:02:58 UTC
From: Chuck Wyatt <cwyatt@webmaster.solidworks.com>
Message-ID: <8pefhs$6ap$1@bob.news.rcn.net>
Source record: 8536
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.space

Just curious if anyone uses something like a Palm Pilot or other hand held computer to do radio logging? My station is currently set up a distance away from any household computer equipment, and it occurs to me that perhaps the answer is to get a hand held portable to log contacts.

Thanks!

Chuck
KB5GC

2253. Re: Use Palm computer for logging?

Newsgroup: rec.radio.amateur.space
Date: 2000-09-10 01:24:48 UTC
From: TomR@astro.net
Message-ID: <39bae265.77144679@news.idsi.net>
Source record: 8537
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.space

On Sat, 9 Sep 2000 19:02:58 -0400, "Chuck Wyatt"
<cwyatt@webmaster.solidworks.com> wrote:

>Just curious if anyone uses something like a Palm Pilot or other hand held
>computer to do radio logging? My station is currently set up a distance
>away from any household computer equipment, and it occurs to me that perhaps
>the answer is to get a hand held portable to log contacts.
>
>Thanks!
>
>Chuck
>KB5GC

They DO make a log for the palms. Check palmgear.com and do a search
for ham radio or amateur radio. There's a program called HFlogger.
I use a Handspring Visor deluxe but haven't tried that program yet.

73,
Tom - KB2SMS

2254. Wxsat scanner bandwidth mod question.

Newsgroup: rec.radio.amateur.space
Date: 2000-09-10 01:28:42 UTC
From: "Tom G." <tegwilym@wolfenet.com>
Message-ID: <PsBu5.271$k_.5781@den-news1.rmi.net>
Source record: 8538

I was down at a hamfest this morning and picked up a Pro-2038 scanner for $50, good shape and never had been used, still in the original packaging!
Anyway, I am now working on modifying it for the satellites and on my first attempt was somewhat pleased with the results. See image here: http://tegwilym.homestead.com/files/09091246.jpg
I got a lot more North/south coverage as you can see, and a lot less noise than with the other scanner. I bypassed the IF filter with a .01uF capacitor and hooked it up with a swtich that I could turn on and off to hear the difference. It is working since the signal is a lot clearer sounding with the cap in the circuit than without. From the looks of the image I think I need just a bit more bandwidth to pull the white of the clouds out rather than the static that shows in the image.

Ok, now you see what I am doing here is my question:
When trying different Capacitors to increase the bandwidth which way should I go? I have a .01uF in there now and want to go wider, do I put in a bigger or smaller capacitor? I just installed a little socket in there so I can quickly test different ones. I have about an hour before another Satellite pass, so I thought I would ask for some advice.

Thanks again for all your help!

Tom

2255. Re: Wxsat scanner bandwidth mod question.

Newsgroup: rec.radio.amateur.space
Date: 2000-09-10 02:28:18 UTC
From: Ralph Mowery <rmowery@dialpoint.net>
Message-ID: <39BAF1C2.F4E7DB36@dialpoint.net>
Source record: 8540

The value of the capacitor has very little to do with the bandwidth. It simply replaces the narrow filter just as a piece of wire would but keeps the DC voltages seperate between the stages. If you removed the filter and are just using the capacitor you should have plenty of bandwidth for the sat. About all that will hapen if you go too low in value with the capacitor is the signal level will drop off.

It may be the first filter is too narrow but if you try the capacitor bypass on it you will not have much selecitivity at all and will be hearing to many undesired signals.

"Tom G." wrote:
>
> I was down at a hamfest this morning and picked up a Pro-2038 scanner
> for $50, good shape and never had been used, still in the original
> packaging!
> Anyway, I am now working on modifying it for the satellites and on my
> first attempt was somewhat pleased with the results. See image
> here: http://tegwilym.homestead.com/files/09091246.jpg
> I got a lot more North/south coverage as you can see, and a lot less
> noise than with the other scanner. I bypassed the IF filter with
> a .01uF capacitor and hooked it up with a swtich that I could turn on
> and off to hear the difference. It is working since the signal is a
> lot clearer sounding with the cap in the circuit than without. From
> the looks of the image I think I need just a bit more bandwidth to
> pull the white of the clouds out rather than the static that shows in
> the image.
>
> Ok, now you see what I am doing here is my question:
> When trying different Capacitors to increase the bandwidth which
> way should I go? I have a .01uF in there now and want to go wider,
> do I put in a bigger or smaller capacitor? I just installed a little
> socket in there so I can quickly test different ones. I have about
> an hour before another Satellite pass, so I thought I would ask for
> some advice.
>
> Thanks again for all your help!
>
> Tom

2256. Re: Use Palm computer for logging?

Newsgroup: rec.radio.amateur.space
Date: 2000-09-10 02:30:44 UTC
From: Chuck Wyatt <cwyatt@webmaster.solidworks.com>
Message-ID: <8perne$17q$1@bob.news.rcn.net>
Source record: 8539
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.space

Thanks, Tom! Here's a newbie question for you. I see that HF Radio
Logger requires Palm OS 2.0. Now can I get that OS in something earlier
than a Palm V?

<TomR@astro.net> wrote in message news:39bae265.77144679@news.idsi.net...
> On Sat, 9 Sep 2000 19:02:58 -0400, "Chuck Wyatt"
> <cwyatt@webmaster.solidworks.com> wrote:
>
> >Just curious if anyone uses something like a Palm Pilot or other hand
held
> >computer to do radio logging? My station is currently set up a distance
> >away from any household computer equipment, and it occurs to me that
perhaps
> >the answer is to get a hand held portable to log contacts.
> >
> >Thanks!
> >
> >Chuck
> >KB5GC
>
> They DO make a log for the palms. Check palmgear.com and do a search
> for ham radio or amateur radio. There's a program called HFlogger.
> I use a Handspring Visor deluxe but haven't tried that program yet.
>
> 73,
> Tom - KB2SMS
>

2257. STS-106 liftoff

Newsgroup: rec.radio.amateur.space
Date: 2000-09-10 03:12:07 UTC
From: Greg <greglh@gte.net>
Message-ID: <39BAFC0D.44474BDC@gte.net>
Source record: 8542

K & M;
Does this site take you back???

http://ariss.gsfc.nasa.gov/sts106photos.html

2258. Re: Wxsat scanner bandwidth mod question.

Newsgroup: rec.radio.amateur.space
Date: 2000-09-10 06:56:57 UTC
From: "Tom G." <tegwilym@wolfenet.com>
Message-ID: <ugGu5.277$k_.7307@den-news1.rmi.net>
Source record: 8541

Ah! Ok.
On my other scanner Pro-38, I pulled out the filter and put a .01 uF cap in its place. For this new scanner, I was reading a web page on modifying some of the Radio Shack scanners and the guy wrote that you could put a capaciter as a by-pass around the filter, and still keep the filter in place. I guess that didn't work as well as I had planned. I guess I'll try to pull out the filter and try some different capacitors in there and see if I can be as successful as I was with the other scanner.

I think putting the capacitor in parallel (bypassing the filter) it did widen the bandwidth slightly since I could hear more of the signal clearer. I tried a whole bunch of them frantically swapping them as fast as I could durning a few short 10 minute passes.

The filter in this radio has 5 pins on it. Kind of like this:

```
----------------
I 0 0 0 0 I
I I
I 0 I
----------------
```

I am assuming that the top right and bottom left pins are the input and output. The other 3 on the left were all connected together and were soldered onto a wide trace on the board. I just took a guess and figured that was the ground and have been playing with the other 2 pins. I don't have a schematic for the radio, so I'm just going on what I can figure out by looking at the traces on the board.

Tom

Ralph Mowery <rmowery@dialpoint.net> wrote in message
news:39BAF1C2.F4E7DB36@dialpoint.net...
> The value of the capacitor has very little to do with the bandwidth. It
> simply replaces the narrow filter just as a piece of wire would but
> keeps the DC voltages seperate between the stages. If you removed the
> filter and are just using the capacitor you should have plenty of
> bandwidth for the sat. About all that will hapen if you go too low in
> value with the capacitor is the signal level will drop off.
>
>
> It may be the first filter is too narrow but if you try the capacitor
> bypass on it you will not have much selecitivity at all and will be
> hearing to many undesired signals.
>
>

> "Tom G." wrote:
> >
> > I was down at a hamfest this morning and picked up a Pro-2038 scanner
> > for $50, good shape and never had been used, still in the original
> > packaging!
> > Anyway, I am now working on modifying it for the satellites and on my
> > first attempt was somewhat pleased with the results. See image
> > here: http://tegwilym.homestead.com/files/09091246.jpg
> > I got a lot more North/south coverage as you can see, and a lot less
> > noise than with the other scanner. I bypassed the IF filter with
> > a .01uF capacitor and hooked it up with a swtich that I could turn on
> > and off to hear the difference. It is working since the signal is a
> > lot clearer sounding with the cap in the circuit than without. From
> > the looks of the image I think I need just a bit more bandwidth to
> > pull the white of the clouds out rather than the static that shows in
> > the image.
> >
> > Ok, now you see what I am doing here is my question:
> > When trying different Capacitors to increase the bandwidth which
> > way should I go? I have a .01uF in there now and want to go wider,
> > do I put in a bigger or smaller capacitor? I just installed a little
> > socket in there so I can quickly test different ones. I have about
> > an hour before another Satellite pass, so I thought I would ask for
> > some advice.
> >
> > Thanks again for all your help!
> >
> > Tom

2259. Re: Wxsat scanner bandwidth mod question.

Newsgroup: rec.radio.amateur.space
Date: 2000-09-10 08:28:44 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8rmhhr.lm.nomail@linux.pe1chl.ampr.org>
Source record: 8543

Tom G. <tegwilym@wolfenet.com> wrote:
>Ah! Ok.
>On my other scanner Pro-38, I pulled out the filter and put a .01 uF cap in
>its place. For this new scanner, I was reading a web page on modifying some
>of the Radio Shack scanners and the guy wrote that you could put a capaciter
>as a by-pass around the filter, and still keep the filter in place. I guess
>that didn't work as well as I had planned. I guess I'll try to pull out the
>filter and try some different capacitors in there and see if I can be as
>successful as I was with the other scanner.

You were talking about a switch. That is probably your problem. You need
short wires, not a long wire going via a switch.

Remove everything (switch, filter) and solder the .01uF cap in the two
holes that connect to the signal trace, pushing the component down as far
as it will go without applying excessive force that might break it. Cut
off the excess length of leads protruding through the board, and solder.

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

2260. Re: Use Palm computer for logging?

Newsgroup: rec.radio.amateur.space
Date: 2000-09-10 10:01:46 UTC
From: Jack <jkunnen@earthlink.net>
Message-ID: <e_Iu5.493$QQ2.37188@newsread1.prod.itd.earthlink.net>
Source record: 8544
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.space

My Palm III is OS2

Jack

"Chuck Wyatt" <cwyatt@webmaster.solidworks.com> wrote in message
news:8perne$17q$1@bob.news.rcn.net...
> Thanks, Tom! Here's a newbie question for you. I see that HF Radio
> Logger requires Palm OS 2.0. Now can I get that OS in something earlier
> than a Palm V?
>
>
> <TomR@astro.net> wrote in message news:39bae265.77144679@news.idsi.net...
> > On Sat, 9 Sep 2000 19:02:58 -0400, "Chuck Wyatt"
> > <cwyatt@webmaster.solidworks.com> wrote:
> >
> > >Just curious if anyone uses something like a Palm Pilot or other hand
> held
> > >computer to do radio logging? My station is currently set up a
distance
> > >away from any household computer equipment, and it occurs to me that
> perhaps
> > >the answer is to get a hand held portable to log contacts.
> > >
> > >Thanks!
> > >
> > >Chuck
> > >KB5GC
> >
> > They DO make a log for the palms. Check palmgear.com and do a search
> > for ham radio or amateur radio. There's a program called HFlogger.
> > I use a Handspring Visor deluxe but haven't tried that program yet.
> >
> > 73,
> > Tom - KB2SMS
> >
>
>
>

2261. Re: Wxsat scanner bandwidth mod question.

Newsgroup: rec.radio.amateur.space
Date: 2000-09-10 10:24:22 UTC
From: compcnsult@aol.com
Message-ID: <20000910062422.02580.00000442@ng-bj1.aol.com>
Source record: 8545

Tom,

I tried this modification to my scanner and it never did work as well as everyone else claimed. My suggestion would be to purchase the Weather Receiver kit from Hamtronics. I think it costs anout $139 in kit form and is easy to build and align. I also comes with all 5 common freq crystals for the WXSAT's. For all the trouble I went to trying to modify my scanner this kit was well worth the $$$.

Good luck and God Bless
Chuck
W0CBF

2262. Re: Use Palm computer for logging?

Newsgroup: rec.radio.amateur.space
Date: 2000-09-10 14:49:21 UTC
From: TomR@astro.net
Message-ID: <39bb9f3b.125493362@news.idsi.net>
Source record: 8546
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.space

On Sat, 9 Sep 2000 22:30:44 -0400, "Chuck Wyatt"
<cwyatt@webmaster.solidworks.com> wrote:

>Thanks, Tom! Here's a newbie question for you. I see that HF Radio
>Logger requires Palm OS 2.0. Now can I get that OS in something earlier
>than a Palm V?

Not sure, are you sure it didn't say OS2 or higher? I haven't had
time to check that out. I would think it would run on a new Palm..

73,
Tom - KB2SMS

><TomR@astro.net> wrote in message news:39bae265.77144679@news.idsi.net...
>> On Sat, 9 Sep 2000 19:02:58 -0400, "Chuck Wyatt"
>> <cwyatt@webmaster.solidworks.com> wrote:
>>
>> >Just curious if anyone uses something like a Palm Pilot or other hand
>held
>> >computer to do radio logging? My station is currently set up a distance
>> >away from any household computer equipment, and it occurs to me that
>perhaps
>> >the answer is to get a hand held portable to log contacts.
>> >
>> >Thanks!
>> >
>> >Chuck
>> >KB5GC
>>
>> They DO make a log for the palms. Check palmgear.com and do a search
>> for ham radio or amateur radio. There's a program called HFlogger.
>> I use a Handspring Visor deluxe but haven't tried that program yet.
>>
>> 73,
>> Tom - KB2SMS
>>
>
>

2263. Re: Wxsat scanner bandwidth mod question.

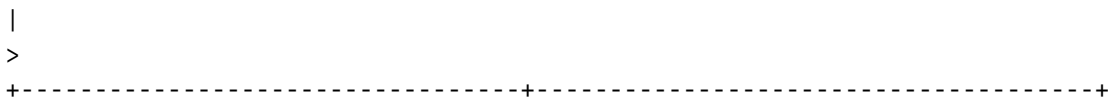
Newsgroup: rec.radio.amateur.space
Date: 2000-09-10 20:51:14 UTC
From: "Tom G." <tegwilym@wolfenet.com>
Message-ID: <AuSu5.307$k_.10249@den-news1.rmi.net>
Source record: 8547

yeah, I was kind of concerned that the swtich might be causing some trouble.
Anyway, I pulled out the IF filter last night and put the .01uF in its
place.
From the look of the image (and sounds of the signal) I think I got the
bandwidth I need now. The latest picture I copied with the new radio is the
"New" on at http://tegwilym.homestead.com/
Looks like its working well so far, the new radio has obviously lowered the
horizons now!

Pre-amp is next.

Tom

Rob Janssen <nomail@rob.knoware.nl> wrote in message
news:slrn8rmhhr.lm.nomail@linux.pe1chl.ampr.org...
> Tom G. <tegwilym@wolfenet.com> wrote:
> >Ah! Ok.
> >On my other scanner Pro-38, I pulled out the filter and put a .01 uF cap
in
> >its place. For this new scanner, I was reading a web page on modifying
some
> >of the Radio Shack scanners and the guy wrote that you could put a
capaciter
> >as a by-pass around the filter, and still keep the filter in place. I
guess
> >that didn't work as well as I had planned. I guess I'll try to pull out
the
> >filter and try some different capacitors in there and see if I can be as
> >successful as I was with the other scanner.
>
> You were talking about a switch. That is probably your problem. You need
> short wires, not a long wire going via a switch.
>
> Remove everything (switch, filter) and solder the .01uF cap in the two
> holes that connect to the signal trace, pushing the component down as far
> as it will go without applying excessive force that might break it. Cut
> off the excess length of leads protruding through the board, and solder.
>
> Rob
> --
>
+----------------------------------+--------------------------------------+
> | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob
|
> | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU



2264. FS/SWAP FT-726r W/HF

Newsgroup: rec.radio.amateur.space
Date: 2000-09-10 20:51:37 UTC
From: Davev <dvari@adelphia.net>
Message-ID: <tvSu5.3510$%f1.138778@news1.news.adelphia.net>
Source record: 8548

For sale
Yaesu FT-726r all mode(NO AM) satt rig.comes with hand mic,sattrack module,hf module (covers 10m,12,15,) 2m module.Still has an open slot for 1 more module,but rig comes with an extra set of wiring harness.The owners manual isn't in the best of shape,all pages are there and readable.i'd rate this rig 8 of 10. Works, WILL NOT PART OUT,will not be D.O.D. $600.00 in American dollars,plus shipping,contenetal n.a.,maybe swap for 2mtr allmode mobile and allmode 2mtr amp (?) Tnx for reading, de dave-n2rhl dvari@adelphia.net.
p/s i accept http://www.paypal.com

2265. Need Recommendation for 2M Amp

Newsgroup: rec.radio.amateur.space
Date: 2000-09-11 02:48:06 UTC
From: <>
Message-ID: <8phh56$h81$2@pyrite.mv.net>
Source record: 8399

I am looking for a source of a reliable 2 meter amplifier that can output 150-200 watts with a maximum drive of 50 watts. I Purchased a Mirage 5016 and 5 minutes into it's life it failed the smoke test. I opened it up and found there were components hanging off the PC board. I returned the amp and picked up a replacement, removed bottom cover and visually inspected for loose components or shorts, hooked it up and monitored input drive power, output wattage and SWR and DC operating voltage. It worked with light duty this weekend till while holding a short CW QSO during a low horizon satellite pass It started smoking and failed. Being kind of burnt out (pun intended) on MFJ Mirage products I would really appreciate a recommendation on a reliable 2 meter amplifier.

Any help would be appreciated.

Richard Lubash
N1VXW

---

email XXXXrlubash@poco.mv.com

ATTENTION: To stop that pesky junk mail I have
put the prefix (XXXX) at the front of my email address. To reply
remove (XXXX)

2266. Re: Use Palm computer for logging?

Newsgroup: rec.radio.amateur.space
Date: 2000-09-11 02:56:18 UTC
From: Ed vonder Becke <thecave1@pacbell.net>
Message-ID: <IQXu5.282$qS2.131145@news.pacbell.net>
Source record: 8400
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.space

Tom how do you like your visor? Looking to buy one this month

Ed ka6pnl

<TomR@astro.net> wrote in message news:39bb9f3b.125493362@news.idsi.net...
> On Sat, 9 Sep 2000 22:30:44 -0400, "Chuck Wyatt"
> <cwyatt@webmaster.solidworks.com> wrote:
>
> >Thanks, Tom! Here's a newbie question for you. I see that HF Radio
> >Logger requires Palm OS 2.0. Now can I get that OS in something earlier
> >than a Palm V?
>
> Not sure, are you sure it didn't say OS2 or higher? I haven't had
> time to check that out. I would think it would run on a new Palm..
>
> 73,
> Tom - KB2SMS
>
>
>
> ><TomR@astro.net> wrote in message news:39bae265.77144679@news.idsi.net...
> >> On Sat, 9 Sep 2000 19:02:58 -0400, "Chuck Wyatt"
> >> <cwyatt@webmaster.solidworks.com> wrote:
> >>
> >> >Just curious if anyone uses something like a Palm Pilot or other hand
> >held
> >> >computer to do radio logging? My station is currently set up a
distance
> >> >away from any household computer equipment, and it occurs to me that
> >perhaps
> >> >the answer is to get a hand held portable to log contacts.
> >> >
> >> >Thanks!
> >> >
> >> >Chuck
> >> >KB5GC
> >>
> >> They DO make a log for the palms. Check palmgear.com and do a search
> >> for ham radio or amateur radio. There's a program called HFlogger.
> >> I use a Handspring Visor deluxe but haven't tried that program yet.
> >>
> >> 73,
> >> Tom - KB2SMS
> >>

> >
> >
>
>

2267. Re: Need Recommendation for 2M Amp

Newsgroup: rec.radio.amateur.space
Date: 2000-09-11 15:36:06 UTC
From: "Leland C. Scott" <no-spam@junk-mail.net>
Message-ID: <srputmlcct694@corp.supernews.com>
Source record: 8401

"Richard Lubash" <XXXXrlubash@poco.mv.com.> wrote in message
news:8phh56$h81$2@pyrite.mv.net...
> I am looking for a source of a reliable 2 meter amplifier that can
> output 150-200 watts with a maximum drive of 50 watts. I Purchased a
> Mirage 5016 and 5 minutes into it's life it failed the smoke test. I
> opened it up and found there were components hanging off the PC board.
> I returned the amp and picked up a replacement, removed bottom cover
> and visually inspected for loose components or shorts, hooked it up and
> monitored input drive power, output wattage and SWR and DC operating
> voltage. It worked with light duty this weekend till while holding a
> short CW QSO during a low horizon satellite pass It started smoking and
> failed.

What exactly failed in the amplifier? I know a few people who have Mirage
bricks, and they don't seem to have a problem with them. If nothing else
they shut down on high temperature. A small box fan on the heat sink takes
care of this.

--
Leland C. Scott
KC8LDO

2268. ARRL/TAPR DCC Update 9/11/2000

Newsgroup: rec.radio.amateur.space
Date: 2000-09-11 16:35:56 UTC
From: srbible@gate.net
Message-ID: <39bd09a4.157859740@news.gate.net>
Source record: 8402
Cross-posted to: rec.radio.amateur.digital.misc;,rec.radio.amateur.misc;,rec.radio.amateur.space

19th Annual ARRL/TAPR Digital Communications Conference
Orlando, FL - September 22-24, 2000

** Update 9/11/2000 **

A little more that one week away, the 19th Annual ARRL/TAPR Digital Communications Conference is about to begin. For detailed information about the conference, please visit the official DCC web page at http:www.tapr.org/dcc.

Registration for the conference will be taken at the door. Friday registration is for an entire afternoon APRS activities, demonstrations, and presentations. Saturday registration includes conference proceedings, lunch, and a full day of presentations. Saturday night includes Banquet, dinner speaker, and prize drawing. Sunday registration is for the PICmicro Design seminar.

Banquet Prize Drawings:
Grand Prize - Kenwood TM-D700A (donated by Kenwood)
2nd Grand Prize - Palm VII Personal Digital Assistant
Two Motorola Oncore M12 GPS Evaluation Kits (donated by Synergy Systems, LLC)

Map and coordinates:
A map of the conference hotel and coordinates are available at ftp://ftp.tapr.org/dcc/dcc.hotel.map.pdf

Speakers:
The following is a list of presenters. Preliminary schedule is available from ftp://ftp.tapr.org/dcc/2000.dcc.schedule.pdf

APRS Seminar - Friday September 22, 2000

John Ackerman, N9UR APRS WG
Steve Bible, N7HPR T-238 Weather Station
John Blowsky, KB2SCS APRS LOOKUP
Steve Bragg, KA9MVA HamHud
Bob Bruninga, WB4APR APRSdos, satellite, etc.
Steve Dimse, K4HG Internet APRS
Walter Dunckel, KD6VYV Serial Control of D7/D700
John Hansen, W2FS KISS TNC, D700 Keyboard
Dale Huguley, KG5QD Weather Server
Larry Gahagan, AB0JM Wildfire Support
Byon Garranrant, N6BG TinyTrack
Mike Musick, N0QBF PalmAPRS/Tracker construction
Robert Osband, N4SCY Public Service with APRS

Tom Schaefer, NY4I APRS Email Gateway
Darryl Smith, VK2TDS APRS in the 2000 Olympics
The Sprouls, WU2Z/KB2ICI Mac/Win/XAPRS
Rob Wittner, KZ5RW APRS-CE

Main Session, Paper Presentation - Saturday 23, 2000
Titles and abstracts are available at
http://www.tapr.org/tapr/html/Fcnc19.html

EasyTrak, A PIC Based Rotor/Radio Controller Interface
By Steve Bible N7HPR

APRS Tiny Web Pages
By Bob Bruninga WB4APR

Channel Capacity Simulation of Peer-to-Peer Spread Spectrum Satellite Transponders
By Matthew Ettus N2MJI

Correlation for Direct Sequence Spread Spectrum
By Panagiotis Gavalas

PIC-et Radio II: How to Receive AX.25 UI Frames Using Inexpensive PIC Microcontrollers
By John A. Hansen W2FS

Winlink 2000 ...A Global Ham Message Transfer and Deliver Network
By Hans Kessler N8PGR, Vic Poor W5SMM, Rick Muething KN6KZB, and Steve Waterman K4CJX

Frequency Offset Acquisition and Tracking Algorithms, Part 1 and Part 2
By Mohamed K. Nezami

External Common Gateway Interface (CGI) Access to FindU
By Thomas M. Schaefer NY4I

Server Applications within APRS Internet Server Environment
By Thomas M. Schaefer NY4I

APRS and the TAPR EasyTrak Az/El Rotor Control System
By Keith Sproul WU2Z

APRS and Kenwood TM-D700 Voice Messaging
By Keith Sproul WU2Z and Mark Sproul KB2ICI

Internet Wide Callsign Database using LDAP
By Mark Sproul KB2ICI

Automatic Voice Relay System
By Bob Bruninga WB4APR

2269. Re: Wxsat scanner bandwidth mod question.

Newsgroup: rec.radio.amateur.space
Date: 2000-09-11 17:17:52 UTC
From: marsgal42@hotmail.com
Message-ID: <8pj438psc1@nnrp1.deja.com>
Source record: 8403

In article <AuSu5.307$k_.10249@den-news1.rmi.net>,
"Tom G." <tegwilym@wolfenet.com> wrote:
> yeah, I was kind of concerned that the swtich might be causing some
trouble.
> Anyway, I pulled out the IF filter last night and put the .01uF in its
> place.
> From the look of the image (and sounds of the signal) I think I got
the
> bandwidth I need now...

Once you have the IF bandwidth sorted, the next issue is
the bandwidth of the radio's discriminator - which is why
you don't see any IR images (lots of white, and they look
awful!) on my web page. I don't consider it worth the
hassle to further mess with the radio...

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..." - Hospital/Shafte

Sent via Deja.com http://www.deja.com/
Before you buy.

2270. Re: Use Palm computer for logging?

Newsgroup: rec.radio.amateur.space
Date: 2000-09-11 20:51:16 UTC
From: TomR@astro.net
Message-ID: <39bd4581.66732866@news.idsi.net>
Source record: 8404
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.space

On Sun, 10 Sep 2000 19:56:18 -0700, "Ed vonder Becke"
<thecave1@pacbell.net> wrote:

>Tom how do you like your visor? Looking to buy one this month
>
>Ed ka6pnl

I LOVE it! Excellent PDA. Get the backup module for it as well. With
that you can back up and restore ANYWHERE. No PC required. I highly
recommend the Visor deluxe...

73,
Tom - KB2SMS

><TomR@astro.net> wrote in message news:39bb9f3b.125493362@news.idsi.net...
>> On Sat, 9 Sep 2000 22:30:44 -0400, "Chuck Wyatt"
>> <cwyatt@webmaster.solidworks.com> wrote:
>>
>> >Thanks, Tom! Here's a newbie question for you. I see that HF Radio
>> >Logger requires Palm OS 2.0. Now can I get that OS in something earlier
>> >than a Palm V?
>>
>> Not sure, are you sure it didn't say OS2 or higher? I haven't had
>> time to check that out. I would think it would run on a new Palm..
>>
>> 73,
>> Tom - KB2SMS
>>
>>
>>
>> ><TomR@astro.net> wrote in message news:39bae265.77144679@news.idsi.net...
>> >> On Sat, 9 Sep 2000 19:02:58 -0400, "Chuck Wyatt"
>> >> <cwyatt@webmaster.solidworks.com> wrote:
>> >>
>> >> >Just curious if anyone uses something like a Palm Pilot or other hand
>> >held
>> >> >computer to do radio logging? My station is currently set up a
>distance
>> >> >away from any household computer equipment, and it occurs to me that
>> >perhaps
>> >> >the answer is to get a hand held portable to log contacts.
>> >> >
>> >> >Thanks!
>> >> >

>> >> >Chuck
>> >> >KB5GC
>> >>
>> >> They DO make a log for the palms. Check palmgear.com and do a search
>> >> for ham radio or amateur radio. There's a program called HFlogger.
>> >> I use a Handspring Visor deluxe but haven't tried that program yet.
>> >>
>> >> 73,
>> >> Tom - KB2SMS
>> >>
>> >
>> >
>>
>>
>
>

2271. FS: inmarsat/Meteosat etc LNA and line amp or swap.

Newsgroup: rec.radio.amateur.space
Date: 2000-09-11 21:12:57 UTC
From: Eavesdropper <ian@eavesdropper.worldonline.co.uk>
Message-ID: <39bd4b12@news.server.worldonline.co.uk>
Source record: 8405

Hi all,

I have a LNA and Line amplifier which is good for appx 1ghz to 2.6 ghz with low noise and good gain, I am looking to sell to highest bid or swap for GPS receiver+pc cables.

if interested mail me

ian@eavesdropper.worldonline.co.uk

2272. Turnstile/Cross Dipole Antenna Plans?

Newsgroup: rec.radio.amateur.space
Date: 2000-09-11 21:19:30 UTC
From: SMB <scott.m.bowen1@jsc.nasa.gov>
Message-ID: <8pji8m$3th@niven.ksc.nasa.gov>
Source record: 8406

Can some one tell me where to find some plans for building a turnstile antenna? I am interested in trying my hand at WXSAT's.

Thanks,

Scott
KD5KZN

2273. Re: Need Recommendation for 2M Amp

Newsgroup: rec.radio.amateur.space
Date: 2000-09-11 22:41:37 UTC
From: Erik van Bronkhorst <evb@mac.com>
Message-ID: <39BD5F99.47B9F1F8@mac.com>
Source record: 8407

What component smoked this time? Was it in the
input, power supply, or output section? I use RF Concepts
and have had no problem with a 100watt 70cm amp, but
I don't have anything in the 150W+ range. Are you using
"hardline" keying, where the amp stays keyed during your
transmission, or are you
relying on the automatic relay in the amp? (the latter is known
as "full QSK" is it not?) I can see how switching the thing
between rx and 200w tx at cw speed could be a bit hard on
the thing...

Curious
Erik kc6uut

"Leland C. Scott" wrote:

> "Richard Lubash" <XXXXrlubash@poco.mv.com.> wrote in message
> news:8phh56$h81$2@pyrite.mv.net...
> > I am looking for a source of a reliable 2 meter amplifier that can
> > output 150-200 watts with a maximum drive of 50 watts. I Purchased a
> > Mirage 5016 and 5 minutes into it's life it failed the smoke test. I
> > opened it up and found there were components hanging off the PC board.
> > I returned the amp and picked up a replacement, removed bottom cover
> > and visually inspected for loose components or shorts, hooked it up and
> > monitored input drive power, output wattage and SWR and DC operating
> > voltage. It worked with light duty this weekend till while holding a
> > short CW QSO during a low horizon satellite pass It started smoking and
> > failed.
>
> What exactly failed in the amplifier? I know a few people who have Mirage
> bricks, and they don't seem to have a problem with them. If nothing else
> they shut down on high temperature. A small box fan on the heat sink takes
> care of this.
>
> --
> Leland C. Scott
> KC8LDO

--
Erik van Bronkhorst

If you were a gladiator in olden days, I bet the inefficiency
of how the gladiator fights were organized and scheduled
would just drive you up a wall.

-- Deep Thoughts, by Jack Handey

2274. Re: Turnstile/Cross Dipole Antenna Plans?

Newsgroup: rec.radio.amateur.space
Date: 2000-09-11 23:01:34 UTC
From: "Leland C. Scott" <no-spam@junk-mail.net>
Message-ID: <8pjo9j$2eb@nnrp3.farm.idt.net>
Source record: 8408

Try these URL's:

http://www.amsat.org/amsat/articles/w6shp/lindy.html
http://www.acr.net.au/~aussat/antenna.htm
http://world.std.com/~wdr/eggbeater.txt
http://www.cebik.com/turns.html
http://www.amsat.org/amsat/articles/w6shp/ant_tips.html

--
73's,

Leland C. Scott
KC8LDO

ARRL member
NCI member

"You ask what Morse Code is good for? I'll tell you. Morse
Code is used exclusively by Electronics Based life forms to
communicate amongst themselves using advanced Organic
Digital Signal Processors, running state of the art Artificial
Intelligence Software, to perform the highly complex
transmit encryption, receive decryption and error correction
functions."

"SMB" <scott.m.bowen1@jsc.nasa.gov> wrote in message
news:8pji8m$3th@niven.ksc.nasa.gov...
> Can some one tell me where to find some plans for building a turnstile
> antenna? I am interested in trying my hand at WXSAT's.

2275. Re: Turnstile/Cross Dipole Antenna Plans?

Newsgroup: rec.radio.amateur.space
Date: 2000-09-11 23:48:38 UTC
From: frg9600 <frg9600@home.com>
Message-ID: <qbev5.189248$i5.2713228@news1.frmt1.sfba.home.com>
Source record: 8409

Once you get to this site either buy the antenna or download the PDF and build it yourself.
http://www.ramseyelectronics.com/cgi-bin/SoftCart.exe/scstore/hprod/wsr10.htm?L+scstore+ehmh2665+968725303

2276. STS-106 / ISS?

Newsgroup: rec.radio.amateur.space
Date: 2000-09-11 23:58:50 UTC
From: Rodney Isom <rodneyi@noooospam.hiwaay.net>
Message-ID: <srqsamk1ct6135@corp.supernews.com>
Source record: 8410

I think that the shuttle is currently docked with ISS Zvezda module, but my tracking SW shows them in different locations (although moving along the same path). I'm using Nova for windows and have downloaded the keps from the FTP site that Nova uses. How can I tell the correct location? I would think they should show on top of each other.

Thanks,

Rodney

****
Rodney Isom - KF4COV
Arab, AL
rodneyi@noooospam.hiwaay.net

2277. Re: STS-106 / ISS?

Newsgroup: rec.radio.amateur.space
Date: 2000-09-12 00:33:09 UTC
From: wkrantz@voicenet.com
Message-ID: <wkrantz-1109002034570001@dialup1707-pri.voicenet.com>
Source record: 8411

Also, the Keps need to be *very* current to reflect last night's orbit boost.

In article <srqsamk1ct6135@corp.supernews.com>, "Rodney Isom"
<rodneyi@nooospam.hiwaay.net> wrote:

> I think that the shuttle is currently docked with ISS Zvezda module, but my
> tracking SW shows them in different locations (although moving along the
> same path). I'm using Nova for windows and have downloaded the keps from
> the FTP site that Nova uses. How can I tell the correct location? I would
> think they should show on top of each other.
>
> Thanks,
>
> Rodney
>
> ********************
> Rodney Isom - KF4COV
> Arab, AL
> rodneyi@nooospam.hiwaay.net

2278. Re: STS-106 / ISS?

Newsgroup: rec.radio.amateur.space
Date: 2000-09-12 01:10:18 UTC
From: geohaneke@my-deja.com
Message-ID: <8pjvpc$s6s$1@nnrp1.deja.com>
Source record: 8412

Go to http://liftoff.msfc.nasa.gov/Realtime/Jtrack/3D/JTrack3D.html.
This will generate a track for all the satellites in an Applette window
in 3D. Select the satellite that you want and you can follow its obit.
Once the window has opened and you have selected your satellite, click
view and click orbit path. Under options, select select update rate
1/4 second, and under timing, real time. As I write this, the shuttle
has just crossed the equator on a decending orbit south south east of
Hawaii. If you start at http://liftoff.msfc.nasa.gov you will find a
lot of neat stuff about the satellites and space programs. Good luck
and 73's
Goerge Haneke NV7Z

Sent via Deja.com http://www.deja.com/
Before you buy.

2279. New to Space Radio - Please forgive my Ignorance

Newsgroup: rec.radio.amateur.space
Date: 2000-09-12 19:14:29 UTC
From: Online DX Logbook <odxl@hotmail.com>
Message-ID: <8plv7c$gt8$1@newsg1.svr.pol.co.uk>
Source record: 8413

I have today set-up a Cross Dipole antenna for Connection to my PCR-1000 so
I can download WXsats, I have no trouble with these.

Could somebody tell me what Amateur Sats are audible in the UK so that I can
listen to them.

I have all the relevant Software for tracking etc, but am unsure which Sats
to listen out for.

I have heard the RS sats on 29 MHz, but nothing on 144 or 432 MHz.

Many Thanks

--
73's
Graham Powell

Webmaster for the Online DX Logbook
The most up-to-date Shortwave and Tropical Band Loggings are always on the
Online DX Logbook at:- http://www.dxsheigra.freeserve.co.uk
==========

2280. Re: New to Space Radio - Please forgive my Ignorance

Newsgroup: rec.radio.amateur.space
Date: 2000-09-12 23:05:54 UTC
From: Ralph Mowery <rmowery@dialpoint.net>
Message-ID: <39BEB6D2.7CA761C2@dialpoint.net>
Source record: 8414

Try looking at www.amsat.org This is a page that has all the Amateur
sat data on it.

There is a description of each one that is in orbit and also the
tracking data for them.

Most if not all the ham sats are in an orbit that should cover the whole
earth at some time. All but one is in a low earth orbit so you should
be able to hear many of them is the receiver you have will receive
single sideband. There are a couple that use FM and some that use other
digital modes.

Online DX Logbook wrote:
>
> I have today set-up a Cross Dipole antenna for Connection to my PCR-1000 so
> I can download WXsats, I have no trouble with these.
>
> Could somebody tell me what Amateur Sats are audible in the UK so that I can
> listen to them.
>
> I have all the relevant Software for tracking etc, but am unsure which Sats
> to listen out for.
>
> I have heard the RS sats on 29 MHz, but nothing on 144 or 432 MHz.
>
> Many Thanks
>
> --
> 73's
> Graham Powell
> --
> --
> Webmaster for the Online DX Logbook
> The most up-to-date Shortwave and Tropical Band Loggings are always on the
> Online DX Logbook at:- http://www.dxsheigra.freeserve.co.uk
> ==

2281. AR in Space Today (Palm)

Newsgroup: rec.radio.amateur.space
Date: 2000-09-13 00:00:00 UTC
From: Jeff@jehosophat.com
Message-ID: <slrn8rvh40.fo4.Jeff@photuris.jehosophat.com>
Source record: 8417

The Palm version of Amateur Radio in Space Today has returned.

Anyone who can use the AvantGo service can add this channel and
receive frequently updated news and information for amateur radio
satellite and space enthusiasts wherever you go.

For more information visit the main site:

http://n9avg.org/

--
jeff davis, n9avg
http://n9avg.org/

2282. Got my pre-amp installed for WxSat and new web page

Newsgroup: rec.radio.amateur.space
Date: 2000-09-13 00:00:00 UTC
From: tegwilym@my-deja.com
Message-ID: <8pon78ftc1@nnrp1.deja.com>
Source record: 8418

I'm getting better at this WxSat stuff. I installed the pre-amp on the antenna, running a new radio (Pro-2038 scanner I got for $50 at a hamfest) and still working out some other problems.

I only have one image on the site so far, but it is one of the biggest ones I have processed yet!

http://www.geocities.com/tegwilym

I'm now thinking of a short QFH that can fit in my attic. I have about 30 inches or less of clearance up there. Any ideas?

Tom KA7VIK

Sent via Deja.com http://www.deja.com/
Before you buy.

2283. Radio Astronomy - Cheap?

Newsgroup: rec.radio.amateur.space
Date: 2000-09-13 00:00:00 UTC
From: Chris Maryan <maryank@mcmaster.ca>
Message-ID: <8pop4olcb1@informer1.cis.McMaster.CA>
Source record: 8419
Cross-posted to: rec.radio.amateur.space,sci.astro.amateur,rec.radio.amateur.misc

I hate to cross post like this but I think the topic of this mesage warants it.

Has anybody tried to build a basic radioastronomy setup with cost minimization in mind?

I (and possibly some other people, if I can convince them that this can be done cheaply) am looking to build a small setup to do drift scans on the neutral hydrogen line around 1420MHz. The catch is that we are students and as such, we do not have a great deal of cash on hand. Our key problem is the lack of cheap recievers in that frequency range. I've only found 2 and both are $2000+. Can anyone offer some suggestions?

As for the rest of the equipment, between whatever money we can scrounge up and our talents as a bunch of engineering students, I think we have it covered.

Good references on the subject of rolling your own radio astronomy setup and any other thoughts would be appreciated.

Thanks,

--
Chris Maryan
mailto:maryank@mcmaster.ca
***
McMaster University
Computer Engineering and Management
***
Will tutor for food.

2284. Re: Radio Astronomy - Cheap?

Newsgroup: rec.radio.amateur.space
Date: 2000-09-13 00:00:00 UTC
From: AC6V <ac6v@ix.netcom.com>
Message-ID: <39BFEBE8.B682E98B@ix.netcom.com>
Source record: 8420
Cross-posted to: rec.radio.amateur.space,sci.astro.amateur,rec.radio.amateur.misc

Chris Maryan wrote:

> I hate to cross post like this but I think the topic of this mesage warants
> it.
>
> Has anybody tried to build a basic radioastronomy setup with cost
> minimization in mind?
>
> I (and possibly some other people, if I can convince them that this can be
> done cheaply) am looking to build a small setup to do drift scans on the
> neutral hydrogen line around 1420MHz. The catch is that we are students and
> as such, we do not have a great deal of cash on hand. Our key problem is the
> lack of cheap recievers in that frequency range. I've only found 2 and both
> are $2000+. Can anyone offer some suggestions?
>
> As for the rest of the equipment, between whatever money we can scrounge up
> and our talents as a bunch of engineering students, I think we have it
> covered.
>
> Good references on the subject of rolling your own radio astronomy setup and
> any other thoughts would be appreciated.
>
> Thanks, Chris Maryan

========
Several Radio Astronomy links at URL:
http://ac6v.com/pageaas.html

--
73 From Rod In Oceanside, CA
Amateur Radio & DX Reference Guide
Featuring 100+ Pages, 750 Indexed Topics & 6000 Links
http://ac6v.com/
Over 770,000 Hits On The Counter

2285. Re: Radio Astronomy - Cheap?

Newsgroup: rec.radio.amateur.space
Date: 2000-09-13 00:00:00 UTC
From: Steve Tyler <stephent@teleport.SPAAMIT.com>
Message-ID: <egTv5.24$is5.5338@nntp1.onemain.com>
Source record: 8421
Cross-posted to: rec.radio.amateur.space,sci.astro.amateur,rec.radio.amateur.misc

Chris Maryan wrote in message <8pop4olcb1@informer1.cis.McMaster.CA>...
[snip]
>Good references on the subject of rolling your own radio astronomy setup
and
>any other thoughts would be appreciated.

There were lots of ideas in the sci.astro.amateur thread:
"Good Science Fair project in Radio Astronomy?"
that appeared last week (9/5/00).

--
Steve Tyler

"We think it today, they'll live it tomorrow!"
--Vaclav Havel (Temptation, 1989)

2286. Re: Radio Astronomy - Cheap?

Newsgroup: rec.radio.amateur.space
Date: 2000-09-13 00:00:00 UTC
From: Tracey DeLaney <tdelaney@ast1.spa.umn.edu>
Message-ID: <39C05444.529BE87B@ast1.spa.umn.edu>
Source record: 8422
Cross-posted to: rec.radio.amateur.space,sci.astro.amateur,rec.radio.amateur.misc

Chris Maryan wrote:
>
> Has anybody tried to build a basic radioastronomy setup with cost
> minimization in mind?
>
> Our key problem is the lack of cheap recievers in that frequency
> range. I've only found 2 and both are $2000+. Can anyone offer
> some suggestions?
>
> Good references on the subject of rolling your own radio astronomy
> setup and any other thoughts would be appreciated.

I recommend the VHF-UHF manual by Evans and Jessop. They give
instructions for building everything yourself.

Might I ask why you've chosen the 21 cm line? If you're not planning on
imaging (because you're doing drift scans which don't allow you to
integrate very long to improve your signal to noise ratio and you're
probably not going to use a multiple channel setup to accomodate the
doppler shift of the hydrogen you will be measuring) then what do you
expect to actually "see"? If it turns out that the 21 cm line is too
faint to be detected by your setup, don't despair because there are a
lot of bright radio objects out there that you should easily see in a
drift scan with a reasonably sized dish. The brightest sources in the
3rd Cambridge catalogue such as Cygnus A and Cassiopeia A are good
targets as is the galactic center, Sagittarius A*.

Tracey

2287. Re: New to Space Radio - Please forgive my Ignorance

Newsgroup: rec.radio.amateur.space
Date: 2000-09-13 00:10:26 UTC
From: Clifford Buttschardt <cbuttsch@slonet.org>
Message-ID: <Pine.GSO.3.95.1000912170921.29553A-100000@oso.slonet.org>
Source record: 8415

That is if the FM, hamshack on the belt, does not undo what we have
spent twenty five years doing! Cliff K7RR

On Tue, 12 Sep 2000, Ralph Mowery wrote:

> Try looking at www.amsat.org This is a page that has all the Amateur
> sat data on it.
>
> There is a description of each one that is in orbit and also the
> tracking data for them.
>
> Most if not all the ham sats are in an orbit that should cover the whole
> earth at some time. All but one is in a low earth orbit so you should
> be able to hear many of them is the receiver you have will receive
> single sideband. There are a couple that use FM and some that use other
> digital modes.
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> Online DX Logbook wrote:
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> > I have today set-up a Cross Dipole antenna for Connection to my PCR-1000 so
> > I can download WXsats, I have no trouble with these.
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> > Could somebody tell me what Amateur Sats are audible in the UK so that I can
> > listen to them.
> >
> > I have all the relevant Software for tracking etc, but am unsure which Sats
> > to listen out for.
> >
> > I have heard the RS sats on 29 MHz, but nothing on 144 or 432 MHz.
> >
> > Many Thanks
> >
> > --
> > 73's
> > Graham Powell
> > --
> > --
> > Webmaster for the Online DX Logbook
> > The most up-to-date Shortwave and Tropical Band Loggings are always on the
> > Online DX Logbook at:- http://www.dxsheigra.freeserve.co.uk
> > ==
>
>

2288. Re: Use Palm computer for logging?

Newsgroup: rec.radio.amateur.space
Date: 2000-09-13 03:32:43 UTC
From: Joe Schlatter <joe@schlatter.org>
Message-ID: <39bef53f@news.planetc.com>
Source record: 8416
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.space

Amen. I was a confirmed pocket calendar man until I bought a Visor deluxe
with/8MB memory module six months ago. I'd be lost without it now.

--

Regards,
Joe Schlatter
joeNOSPAM@schlatter.org
http://www.schlatter.org/
http://www.miafacts.org/
Amateur Radio Extra Class call sign W4HH

TomR@astro.net wrote in message <39bd4581.66732866@news.idsi.net>...
>On Sun, 10 Sep 2000 19:56:18 -0700, "Ed vonder Becke"
><thecave1@pacbell.net> wrote:
>
>>Tom how do you like your visor? Looking to buy one this month
>>
>>Ed ka6pnl
>
> I LOVE it! Excellent PDA. Get the backup module for it as well. With
>that you can back up and restore ANYWHERE. No PC required. I highly
>recommend the Visor deluxe...
>
>73,
>Tom - KB2SMS
>
>
>><TomR@astro.net> wrote in message news:39bb9f3b.125493362@news.idsi.net...
>>> On Sat, 9 Sep 2000 22:30:44 -0400, "Chuck Wyatt"
>>> <cwyatt@webmaster.solidworks.com> wrote:
>>>
>>> >Thanks, Tom! Here's a newbie question for you. I see that HF Radio
>>> >Logger requires Palm OS 2.0. Now can I get that OS in something
earlier
>>> >than a Palm V?
>>>
>>> Not sure, are you sure it didn't say OS2 or higher? I haven't had
>>> time to check that out. I would think it would run on a new Palm..
>>>
>>> 73,
>>> Tom - KB2SMS
>>>
>>>

>>>
>>> ><TomR@astro.net> wrote in message
news:39bae265.77144679@news.idsi.net...
>>> >> On Sat, 9 Sep 2000 19:02:58 -0400, "Chuck Wyatt"
>>> >> <cwyatt@webmaster.solidworks.com> wrote:
>>> >>
>>> >> >Just curious if anyone uses something like a Palm Pilot or other
hand
>>> >held
>>> >> >computer to do radio logging? My station is currently set up a
>>distance
>>> >> >away from any household computer equipment, and it occurs to me that
>>> >perhaps
>>> >> >the answer is to get a hand held portable to log contacts.
>>> >> >
>>> >> >Thanks!
>>> >> >
>>> >> >Chuck
>>> >> >KB5GC
>>> >>
>>> >> They DO make a log for the palms. Check palmgear.com and do a
search
>>> >> for ham radio or amateur radio. There's a program called HFlogger.
>>> >> I use a Handspring Visor deluxe but haven't tried that program yet.
>>> >>
>>> >> 73,
>>> >> Tom - KB2SMS
>>> >>
>>> >
>>> >
>>>
>>>
>>
>>
>

2289. Re: Radio Astronomy - Cheap?

Newsgroup: rec.radio.amateur.space
Date: 2000-09-14 01:58:16 UTC
From: WB3KUM/9 <d.breeden@NOSPAMwcom.com>
Message-ID: <39C03136.717383B5@NOSPAMwcom.com>
Source record: 8423
Cross-posted to: rec.radio.amateur.space,sci.astro.amateur,rec.radio.amateur.misc

I beleave Hamtronics, www.hamtronics.com, has a 1650MHz converter,
should be able to be retuned.

2290. Re: New to Space Radio - Please forgive my Ignorance

Newsgroup: rec.radio.amateur.space
Date: 2000-09-14 03:47:36 UTC
From: Jim Jerzycke <kq6ea@amsat.org>
Message-ID: <39C04A58.EDBDA1D1@amsat.org>
Source record: 8424

Ahhhhh.....You mean the SOB (Station-On-Belt) Hams!
cheers, Jim

2291. P3D to fly in November?

Newsgroup: rec.radio.amateur.space
Date: 2000-09-15 00:00:00 UTC
From: K0HB <K0HB@arrl.org>
Message-ID: <8ptvqmkfl1@nnrp1.deja.com>
Source record: 8425

Go to http://www.amsat.org/amsat/news/ans2000/ans00240.html#01 for details.

Sent via Deja.com http://www.deja.com/
Before you buy.

2292. UHF mast mount preamp suggestions?

Newsgroup: rec.radio.amateur.space
Date: 2000-09-15 00:00:00 UTC
From: N7CXI@SiliconPixels.kill.this.com
Message-ID: <qSww5.32$_Q.58932@den-news1.rmi.net>
Source record: 8426

Hello folks,

I'm looking for suggestions for a top-quality 70cm mast-mount
preamp, with the following features:

Will accept feedline DC power and switch from FT-847
Low noise figure, good dynamic range. (of course! :-)
Will handle at least 50 watts "pass through"
Has reasonable front-end selectivity, pass 432-437
Rugged mechanical and electrical construction

Also, adjustable gain would be ideal, but that
usually means trade-offs in other areas.

Any ideas?

Thanks,
Jim Barber, N7CXI
N7CXI@SiliconPixels.Kill.This.com

2293. Re: Radio Astronomy - Cheap?

Newsgroup: rec.radio.amateur.space
Date: 2000-09-16 00:00:00 UTC
From: Pete Smith <psmith@xmission.com>
Message-ID: <39C404CF.D9860D45@xmission.com>
Source record: 8427
Cross-posted to: rec.radio.amateur.space,sci.astro.amateur,rec.radio.amateur.misc

Hi Chris
We suggest downconverters for several reason ... lower frequency will have less sig lost to shack and receiver ... Look at Amateur Radio Astronomy page ... they have some Hydrogen line items for sale .. good luck pete smith
Radio web page ...
Chris Maryan wrote:

> I hate to cross post like this but I think the topic of this mesage warants
> it.
>
> Has anybody tried to build a basic radioastronomy setup with cost
> minimization in mind?
>
> I (and possibly some other people, if I can convince them that this can be
> done cheaply) am looking to build a small setup to do drift scans on the
> neutral hydrogen line around 1420MHz. The catch is that we are students and
> as such, we do not have a great deal of cash on hand. Our key problem is the
> lack of cheap recievers in that frequency range. I've only found 2 and both
> are $2000+. Can anyone offer some suggestions?
>
> As for the rest of the equipment, between whatever money we can scrounge up
> and our talents as a bunch of engineering students, I think we have it
> covered.
>
> Good references on the subject of rolling your own radio astronomy setup and
> any other thoughts would be appreciated.
>
> Thanks,
>
> --
> Chris Maryan
> mailto:maryank@mcmaster.ca
> ***
> McMaster University
> Computer Engineering and Management
> ***
> Will tutor for food.

2294. New images on ARISS web pages...

Newsgroup: rec.radio.amateur.space
Date: 2000-09-17 00:00:00 UTC
From: Will Marchant <kc6rol@amsat.org>
Message-ID: <39C51A11.8588ABD5@amsat.org>
Source record: 8428
Cross-posted to: rec.radio.amateur.space,sci.space.station

Phil, KC4YER, grabbed some images from NASA TV showing where the ARISS initial ham station now resides in the Zarya module on ISS. I've stuck them onto the STS-106 photo gallery at http://ariss.gsfc.nasa.gov/ for your viewing pleasure...

--
Will Marchant
marchant@ssl.berkeley.edu http://chips.ssl.berkeley.edu/
kc6rol@amsat.org http://www.citizen.infi.net/~wmarchan/

2295. QFH antenna -- first images.

Newsgroup: rec.radio.amateur.space
Date: 2000-09-18 00:00:00 UTC
From: tegwilym@my-deja.com
Message-ID: <8q5h65qfu1@nnrp1.deja.com>
Source record: 8430

I just built a QFH antenna this weekend and have a few images from it so far. Nothing too exciting yet, but I can tell that it is probably working better than my turnstile antenna since the deep nulls seem to be gone. I just have some static crap to deal with now. But it looks like the images I got so far are quite clear compared to what I had before.
The antenna is one of the shorter versions (about 2 feet tall) and I put it up in my attic. I was planning on hanging it from the beam at the peak of the roof, but then realized that the attic was shorter than I estimated. I just plopped the antenna down in the far corner of the attic standing it in a pile of insulation. I tried it just inside my attic door, but got all kinds of noise. Thinking it may be from the computer, I moved it as far as I could go away from the computers and put it near the outside wall near an air vent. It should have a little better southern view now and the antenna is up about 25 feet off the ground now too. I seem to pick up a bit more noise now, I noticed a couple times that I could hear some voices (From the nearby airport? Pagers?..not sure). It wasn't too bad so I'll keep testing and see how it works out!

See - http://www.geocities.com/tegwilym

Tom

Sent via Deja.com http://www.deja.com/
Before you buy.

2296. Final Update - DCC Orlando, FL Sep 22-24, 2000

Newsgroup: rec.radio.amateur.space
Date: 2000-09-18 00:00:00 UTC
From: srbible@gate.net
Message-ID: <39c646ec.13756040@news.gate.net>
Source record: 8431
Cross-posted to: rec.radio.amateur.digital.misc;,rec.radio.amateur.misc;,rec.radio.amateur.space

19th Annual ARRL/TAPR Digital Communications Conference
Orlando, FL - September 22-24, 2000

** Final Update 9/18/2000 **

Counting down the final days until the 19th Annual ARRL/TAPR Digital Communications Conference this weekend in Orlando, Florida. For detailed
information about the conference, please visit the official DCC web page at
http:www.tapr.org/dcc.

Registration for the conference will be taken at the door. Friday registration is for an entire afternoon APRS activities, demonstrations, and
presentations. Saturday registration includes conference proceedings, lunch, and a full day of presentations. Saturday night includes Banquet,
dinner speaker, and prize drawing. Sunday registration is for the PICmicro
Design seminar.

DCC Social:
Please join us Friday evening at 7:00 PM for a social get together time.
The social is generously hosted by the Packet Radio Users Group of Japan
(PRUG).

PRUG Presentation:
Friday night the Packet Radio Users Group of Japan will present talks on
their progress on high-speed digital networks in Japan.

Saturday Night Banquet Speaker:
Mr. Doug Campbell, of Triton Network Systems
(http://www.triton-network.com)
will be our DCC Banquet Speaker. Triton Network Systems is located in Orlando, Florida.

Vice President Product Management, Marketing, & International Business as
Vice President of International Sales, Marketing and Product Management, Mr.
Campbell leads the assessment of global community needs and spearheads

the
development of Triton Network Systems' product and marketing
strategies.

Mr. Campbell cultivated his management skills in sales, marketing and
product development working 17 years for Nortel Networks. While based
in
Singapore, he built a multifunctional pan-Asian team, which
successfully
captured a 100% market share with MCI-WorldCom Asia, successfully
introducing a number of new products. Prior to this, Mr. Campbell was
instrumental in the establishment of an SDH broadband equipment joint
venture in China and served as a member of the company's Board of
Directors.

Mr. Campbell received a Bachelor of Engineering Physics degree from
the
Royal Military College of Canada in Kingston, Canada, and a Master of
Business Administration from IMD (University of Lausanne) in
Switzerland.

Banquet Prize Drawings:
Grand Prize – Kenwood TM-D700A (donated by Kenwood)
2nd Grand Prize – Palm VII Personal Digital Assistant (donated by
TAPR)
Two Motorola Oncore M12 GPS Evaluation Kits (donated by Synergy
Systems,
LLC)
Microchip PICSTART-PLUS PICmicro Programmer (donated by Microchip)

PIC Seminar Prize Drawing
Microchip MPLAB-ICD (donated by Microchip)

Project and Demonstration Room:
The DCC is a place where people can talk about their projects and gain
ideas
for new ones. The Project and Demonstration Room has become a recent
DCC
tradition where people can bring and display their projects. The room
will
be located next to the registration room and across the hall from the
main
presentation room. The Project and Demonstration Room will open at
registration time and be closed (locked) 11:00 PM Friday and Saturday
night.

Map and coordinates:
A map of the conference hotel and coordinates are available at
ftp://ftp.tapr.org/dcc/2000.dcc.hotel.map.pdf

Speakers:
The following is a list of presenters. PDF version available from

ftp://ftp.tapr.org/dcc/2000.dcc.speakers.pdf

Speaking schedule (subject to change) is available from
ftp://ftp.tapr.org/dcc/2000.dcc.schedule.pdf

APRS Seminar - Friday September 22, 2000

John Ackerman, N9UR APRS WG
Steve Bible, N7HPR T-238 Weather Station
John Blowsky, KB2SCS APRS LOOKUP
Bob Bruninga, WB4APR APRSdos, satellite, etc.
Steve Dimse, K4HG Internet APRS
Walter Dunckel, KD6VYV Serial Control of D7/D700
John Hansen, W2FS KISS TNC, D700 Keyboard
Dale Huguley, KG5QD Weather Server
Larry Gahagan, AB0JM Wildfire Support
Byon Garranrant, N6BG TinyTrack
Mike Musick, N0QBF PalmAPRS/Tracker construction
Robert Osband, N4SCY Public Service with APRS
Tom Schaefer, NY4I APRS Email Gateway
Darryl Smith, VK2TDS APRS in the 2000 Olympics
The Sprouls, WU2Z/KB2ICI Mac/Win/XAPRS
Rob Wittner, KZ5RW APRS-CE

Main Session, Paper Presentation - Saturday 23, 2000
Titles and abstracts are available at
http://www.tapr.org/tapr/html/Fcnc19.html

EasyTrak, A PIC Based Rotor/Radio Controller Interface
By Steve Bible N7HPR

APRS Tiny Web Pages
By Bob Bruninga WB4APR

Channel Capacity Simulation of Peer-to-Peer Spread Spectrum Satellite
Transponders
By Matthew Ettus N2MJI

Correlation for Direct Sequence Spread Spectrum
By Panagiotis Gavalas

PIC-et Radio II: How to Receive AX.25 UI Frames Using Inexpensive PIC
Microcontrollers
By John A. Hansen W2FS

Winlink 2000 ...A Global Ham Message Transfer and Deliver Network
By Hans Kessler N8PGR, Vic Poor W5SMM, Rick Muething KN6KZB, and Steve
Waterman K4CJX

Frequency Offset Acquisition and Tracking Algorithms, Part 1 and Part
2
By Mohamed K. Nezami

APRS and the TAPR EasyTrak Az/El Rotor Control System
By Keith Sproul WU2Z

APRS and Kenwood TM-D700 Voice Messaging
By Keith Sproul WU2Z and Mark Sproul KB2ICI

Internet Wide Callsign Database using LDAP
By Mark Sproul KB2ICI

Automatic Voice Relay System
By Bob Bruninga WB4APR

Introductory Sessions - Saturday 23, 2000

Intro to Packet Radio
By John Ackerman, N8UR

Intro to APRS
By Guy Story, KC5QOI

Intro to Digital Satellites
By Barry Baines, WD4ASW

Into to HF Digital
TBD

Intro to Software Defined Radios
By Steve Bible, N7HPR

2297. u gotta see this

Newsgroup: rec.radio.amateur.space
Date: 2000-09-18 00:00:00 UTC
From: nobody <marka_1157@yahoo.com>
Message-ID: <39c6dff9@news.mdc.net>
Source record: 8432

Dear Friend:
With a couple of minutes of your time I'm
going to show you how you can
turn
$6 and
6 stamps into thousands of dollars. Don't
get skeptical yet, just read
the
letter and then decide if you want to invest
a measly $6!!

HOW TO TURN SIX DOLLARS INTO SIX THOUSAND:
READING THIS COULD CHANGE YOUR LIFE! Wow!!
IT DOES WORK!

A little while back, I was browsing through
newsgroups, just like you
are
now, and came across an article similar to
this that said you could make

thousands of dollars within weeks with only
an initial investment of
$6.00!
So I thought, "Yeah right, this must be a
scam", but like most of us, I
was
curious, so I kept reading. Anyway, it said
that you send $1.00 to each
of
the 6 names and address stated in the
article. You then place your own
name
and address in the bottom of the list at #6,
and post the article in at
least 200 newsgroups.
(There are thousands) No catch, that was it.
So after thinking it over,
and
talking to a few people first, I thought
about trying it. I figured:
"What
have I got to lose except 6 stamps and
$6.00, right?" Then I invested
the

measly $6.00. Well GUESS WHAT!?...Within 7
days, I started getting money
in
the mail! I was shocked! I figured it would
end soon, but the money just

kept coming in. In my first week, I made
about $25.00. By the end of the

second week I had made a total of over
$1,000.00! In the third week I
had
over 10,000.00 and it's still growing. This
is now my fourth week and I
have made a total of just over $42,000.00
and it's still coming in
rapidly.
It's certainly worth $6.00, and 6
stamps, I have spent more than that on the
lottery!! Let me tell you how

this works and most importantly, WHY it
works... Also, make sure you
print a
copy of this article NOW, so you can get the
information off of it as
you
need it. I promise you that if you follow
the directions exactly, that
you
will start making more money than you
thought possible by doing
something so
easy!
Six Bucks and Six stamps... not a big deal
to get lots more $$$$. IT
WORKS!!!!
Suggestion: Read this entire message
carefully! (print it out or
download
it.) Follow the simple directions and watch
the money come in! It's
easy.
It's legal. And, your investment is only
$6.00 (Plus postage).

IMPORTANT: This is not a rip-off; it is not
indecent; it is not illegal;
and
it is 99% no risk - it really works! If all
of the following

instructions
are adhered to, you will receive
extraordinary dividends.

PLEASE NOTE:
Please follow these directions EXACTLY, and
$50,000 or more can be yours
in
20
to 60 days. This program remains successful
because of the honesty and
integrity of the participants. Please
continue its success by carefully
adhering to the instructions.
You will now become part of the Mail Order
business. In this business
your
product is not solid and tangible, it's a
service. You are in the
business
of developing Mailing Lists. Many large
corporations are happy to pay
big
bucks for quality lists. However, the money
made from the mailing lists
is
made from people like you and me asking to
be included in that list.

Here are the 4 EASY, EASY, EASY steps to
success:

STEP 1: Get 6 separate pieces of paper and
write the following on each
piece
of paper "PLEASE PUT ME ON YOUR MAILING
LIST."
Now get 6 US $1.00 bills and place ONE
inside EACH of the 6 pieces of
paper
so the
bill will not be seen through the envelope
(to prevent thievery).

Next, place one paper in each of the 6
envelopes and seal them. You
should
now have 6 sealed envelopes, each with a
piece of paper stating the
above
phrase, your name and address, and a $1.00

bill. What you are doing is
creating a service. THIS IS ABSOLUTELY
LEGAL! You are requesting a
legitimate service and you are paying for
it! Like most of us I was a
little
skeptical and a little worried about the
legal aspects of it all. So I
checked it out with the U.S. Post Office
(1-800-725-2161) and they
confirmed
that it is indeed legal. Mail the 6
envelopes to the following
addresses:

1) Wesley Hall
1253 Solomon Rd.
Santa Maria, CA 93455

2) Lisa Whitfield
915 South St.
Altoona, PA 16602

3) Sue Wagner
608 First Avenue
Altoona, PA 16602

4) C. Mangan
503 Oak Ave NW
Elkader, IA 52043

5) Richard Powers
748 Battlefield Blvd. South
Chesapeake, Va. 23322

6) Mark Anthony
121 st.stephen st. #12A
Boston, MA 02115

STEP 2: Now, you do not need to re-type this
entire letter . Simply put
your
cursor at the beginning of this letter and
drag your cursor to the
bottom of
this document, and select 'copy' from the
edit menu(or right mouse click
and
choose "copy"). This will copy the entire
letter into the computer's
memory
temporarily. Now click "Start" then

"accessories" then "wordpad" Open a

blank 'notepad' file and place your cursor
at the top of the blank page.

>From the 'edit' menu select 'paste'.(or
right mouse click and choose
"paste") This will paste a copy of the
letter into notepad so that you
can
add your name to the list. Take the #1 name
off the list that you see
above,(to do so, put your cursor at the end
of the address of the FIRST
(#1)
address and click "backspace" until name and
address are gone.) Change
the
other numbers to one lower number (6
becomes 5, 5 becomes 4, etc...) by

putting your cursor on the right side of
each number and pushing
backspace
one time, then type the new number and add
YOUR Name as number 6 on the
list. (when you add your name it may be
double spaced... thats ok.)

STEP 3:. Now, post your amended article to
at least 200 newsgroups (I
think
there are close to 24,000 groups). All you
need is 200,
but remember, the more you post, the more
money you make! You won't get
very
much unless you post like crazy. :) This is
perfectly legal! If you have
any
doubts, refer to Title 18 Sec. 1302 & 1341
of the Postal lottery laws.
Keep
a copy of these steps for yourself and,
whenever you need money, you can

use it again, and again.

PLEASE REMEMBER that this program remains
successful because of the
honesty
and integrity of the participants and by

their carefully adhering to the

directions. Look at it this way. If you are
of integrity, the program
will
continue and the money that so many others
have received will come your
way.

NOTE:
Iit might be a good idea to wrap the $1 bill
in dark paper to reduce the

risk of mail theft.) As each post is
downloaded and the directions
carefully
followed, six members will be
reimbursed for their participation as a List
Developer with one dollar
each.
Your name will move up the list so that when
your name reaches the #1
position you will be receiving thousands of
dollars in CASH!!! What an
opportunity for only $6.00 ($1.00 for each
of the first six people
listed
above) Send it now. Add your own name to the
list and you're in
business!

---EASY STEP BY STEP DIRECTIONS ----- FOR
HOW TO POST TO
NEWSGROUPS------------

2298. Swap: HF module for 220mHz module (ft726r)

Newsgroup: rec.radio.amateur.space
Date: 2000-09-18 02:50:26 UTC
From: Davev <dvari@adelphia.net>
Message-ID: <Spfx5.4209$%f1.196148@news1.news.adelphia.net>
Source record: 8429
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.space,rec.radio.swap

willing to swap my Yaesu FT-726r HF module,covers 10m,12m, and 15m for the
220mHz module.
Any takers?
tnx de dave

2299. Re: P3D to fly in November?

Newsgroup: rec.radio.amateur.space
Date: 2000-09-19 00:00:00 UTC
From: magne@radar.no
Message-ID: <cqFx5.3495$mq2.57445@news1.online.no>
Source record: 8433

In article <8ptvqmkfl1@nnrp1.deja.com>, K0HB <K0HB@arrl.org> wrote:
>Go to http://www.amsat.org/amsat/news/ans2000/ans00240.html#01 for
>details.

Are there any TV channels covering the Arianespace launches?
(preferably on a satellite transponder visible from northern Europe)

Was thinking about arranging a "launch party" at the local radio club
for the P3D launch :)

--Magne / la1bfa

2300. Re: P3D to fly in November?

Newsgroup: rec.radio.amateur.space
Date: 2000-09-19 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8seclj.qv.nomail@linux.pe1chl.ampr.org>
Source record: 8434

Magne Mï¿½hre <magne@radar.no> wrote:
>In article <8ptvqmkfl1@nnrp1.deja.com>, K0HB <K0HB@arrl.org> wrote:
>>Go to http://www.amsat.org/amsat/news/ans2000/ans00240.html#01 for
>>details.

>Are there any TV channels covering the Arianespace launches?
>(preferably on a satellite transponder visible from northern Europe)

>Was thinking about arranging a "launch party" at the local radio club
>for the P3D launch :)

BR3 is usually covering launches, but only live when they occur after about
01:30 (nighttime). When the launch is earlier, a tape is played after
closing of the regular programme.

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

2301. Turnstile Nulls?

Newsgroup: rec.radio.amateur.space
Date: 2000-09-19 00:00:00 UTC
From: Christopher Cox <cobox@urec.net>
Message-ID: <01c021d2$326e1da0$78c8a8c0@CBX-NT>
Source record: 8435

> I just built a QFH antenna this weekend and have a few images from it
> so far. Nothing too exciting yet, but I can tell that it is probably
> working better than my turnstile antenna since the deep nulls seem to
> be gone.

Odd, I do not recall tunstile antenna's having any nulls. In fact, you can flatten the pattern by making the tunstile with inverted V's towards the ground plane.

Now attics can cause nulls. Wiring, siding, flashing, and my favorite, sheathing with metallic foil, can cause havoc with any hidden antenna system.

Later

Christopher Cox

2302. Re: Anybody here near the KSC complex in florida?.

Newsgroup: rec.radio.amateur.space
Date: 2000-09-19 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8seg14.qv.nomail@linux.pe1chl.ampr.org>
Source record: 8436

eavesdropper <ian@eavesdropper.worldonline.co.uk> wrote:
>Hi all,

>I am looking in the near future to going to see a shuttle launch at KSC and
>would like to hear from anyone who lives anywhere near it for some help on
>related issues.

Have a look at http://www.flatoday.com/space/today/ this is a local
newspaper with dayly coverage of space news. They also have information on
visiting the space coast, obtaining launch viewing site passes, etc.

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
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2303. Re: Turnstile Nulls?

Newsgroup: rec.radio.amateur.space
Date: 2000-09-19 00:00:00 UTC
From: marsgal42@hotmail.com
Message-ID: <8q831j$qu4$1@nnrp1.deja.com>
Source record: 8437

In article <01c021d2$326e1da0$78c8a8c0@CBX-NT>,
"Christopher Cox" <cobox@urec.net> wrote:

> Odd, I do not recall tunstile antenna's having any nulls. In fact, you
can
> flatten the pattern by making the tunstile with inverted V's towards
the
> ground plane.
>
> Now attics can cause nulls. Wiring, siding, flashing, and my favorite,
> sheathing with metallic foil, can cause havoc with any hidden antenna
> system.

So can any circularly polarized antenna whose polarization
sense is the wrong way around. This is, in fact, the standard
test for correct polarization: monitor a pass and see if
there are deep nulls. My current crossed dipole was the
wrong way around - deep nulls and a weird pattern - until
I fixed it.

Every book ever written on the subject discusses this.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..." - Hospital/Shafte

Sent via Deja.com http://www.deja.com/
Before you buy.

2304. Re: u gotta see this

Newsgroup: rec.radio.amateur.space
Date: 2000-09-19 00:00:00 UTC
From: jimmy john <jj@sandwitch.org>
Message-ID: <4A8A59F2BDCDD311BFC800508BA36AC804768863@www.indianarep.com>
Source record: 8438

Wow, never heard that one before ;-)

2305. Re: Anybody here near the KSC complex in florida?.

Newsgroup: rec.radio.amateur.space
Date: 2000-09-19 00:00:00 UTC
From: eavesdropper <ian@eavesdropper.worldonline.co.uk>
Message-ID: <39c7a6b0@news.server.worldonline.co.uk>
Source record: 8439

Thanks Rob, I guess I had better get an overdraught to pay for all the camcorder tapes i will need along with the usual merchandise too :-).

thanks

ian

Rob Janssen <nomail@rob.knoware.nl> wrote in message news:slrn8seg14.qv.nomail@linux.pe1chl.ampr.org...
> eavesdropper <ian@eavesdropper.worldonline.co.uk> wrote:
> >Hi all,
>
> >I am looking in the near future to going to see a shuttle launch at KSC and
> >would like to hear from anyone who lives anywhere near it for some help on
> >related issues.
>
> Have a look at http://www.flatoday.com/space/today/ this is a local
> newspaper with dayly coverage of space news. They also have information on
> visiting the space coast, obtaining launch viewing site passes, etc.
>
> Rob
> --
>
+----------------------------------+--------------------------------------+
> | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
> | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
>
+----------------------------------+--------------------------------------+

2306. Re: Turnstile Nulls?

Newsgroup: rec.radio.amateur.space
Date: 2000-09-19 00:00:00 UTC
From: tegwilym@my-deja.com
Message-ID: <8q8f23aee1@nnrp1.deja.com>
Source record: 8440

> Odd, I do not recall tunstile antenna's having any nulls. In fact,
you can
> flatten the pattern by making the tunstile with inverted V's towards
the
> ground plane.

I'm sure I got the twist in the antenna going the right direction, so I'm not sure how that null got there. It appears to be directly over my location (Seattle area).

> Now attics can cause nulls. Wiring, siding, flashing, and my favorite,
> sheathing with metallic foil, can cause havoc with any hidden antenna
> system.

I did put the antenna in a place that might cause a problem. I put it against the wall and it is near an air vent with a metal grille and metal vents on the outside. Also, it is facing some power lines (the big buzzing type) that another person told me most likely causes the diagonal lines. Could the metal vent be picking up more of the powerline crud and the antenna being so close be pulling it in from there?

Tom

Sent via Deja.com http://www.deja.com/
Before you buy.

2307. Re: Anybody here near the KSC complex in florida?.

Newsgroup: rec.radio.amateur.space
Date: 2000-09-19 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8sfc5e.qv.nomail@linux.pe1chl.ampr.org>
Source record: 8441

eavesdropper <ian@eavesdropper.worldonline.co.uk> wrote:
>Thanks Rob, I guess I had better get an overdraught to pay for all the
>camcorder tapes i will need along with the usual merchandise too :-).

I have been to Florida for a visit to the AMSAT P3D integration lab and
a short holiday, a couple of years ago. After booking, it turned out that
a shuttle launch was precisely in that window (just luck).

A friendly guy at the lab gave us his viewing pass, as he could not make it
to the site that day (more luck).

The shuttle went up right on time, and we got a wonderful view from the
closest viewing site open to general visitors (how lucky can you get).

However, I should warn you that you should not count too much on making
your own photographs or recordings. You will be too far away to get the
shots that appear on TV (starting engines etc). I used a 200mm lens on a
35mm camera, and the pictures I got were just "nice shots", nothing
spectacular.

So, it is probably better just to experience the launch and leave the
picture taking to the professionals and the unmanned cameras. You can buy
the merchandise at the visitor center. However, you should go at another
day for the KSC visit, most facilities are closed at launch days.

(another problem are the launch delays. I have seen a landing as well,
during another visit, when these were still at Edwards CA. Landings are
not postponed too much, so it is easier to plan around them)

Rob
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+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

2308. Re: Turnstile Nulls?

Newsgroup: rec.radio.amateur.space
Date: 2000-09-19 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8sfkv9.qv.nomail@linux.pe1chl.ampr.org>
Source record: 8442

tegwilym@my-deja.com <tegwilym@my-deja.com> wrote:

>I did put the antenna in a place that might cause a problem. I put it
>against the wall and it is near an air vent with a metal grille and
>metal vents on the outside. Also, it is facing some power lines (the
>big buzzing type) that another person told me most likely causes the
>diagonal lines. Could the metal vent be picking up more of the
>powerline crud and the antenna being so close be pulling it in from
>there?

Your problem with metal objects isn't the picking up of noise, but that
they reflect signals. When an object near the antenna reflects signals,
there will be two paths: one directly from the source to the antenna,
and one via the reflector. When the length of the paths differs by
half a wavelength, the two signals will cancel and you have a null.
The path length difference depends on the direction to the signal source,
because the reflector is at some distance from your antenna.

In fact, this is how directional antennas are made. You have unwillingly
made a directional antenna.

Rob
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+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
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2309. Re: Swap: HF module for 220mHz module (ft726r)

Newsgroup: rec.radio.amateur.space
Date: 2000-09-19 00:00:00 UTC
From: Jeff Kelly <jkelly@bellatlantic.net>
Message-ID: <UvSx5.8549$u6.251236@typhoon1.ba-dsg.net>
Source record: 8443
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.space,rec.radio.swap

I don't think the 726R had a 220 module only the newer 736R (?).

Jeff

Davev wrote in message ...
>willing to swap my Yaesu FT-726r HF module,covers 10m,12m, and 15m for the
>220mHz module.
>Any takers?
>tnx de dave
>
>
>

2310. Re: Turnstile Nulls?

Newsgroup: rec.radio.amateur.space
Date: 2000-09-19 00:00:00 UTC
From: tegwilym@my-deja.com
Message-ID: <8q8u3o$sq9$1@nnrp1.deja.com>
Source record: 8444

That makes sense. I'll try moving it to another corner of the attic
where I can't find any metal around and see what happens.

> Your problem with metal objects isn't the picking up of noise, but
that
> they reflect signals. When an object near the antenna reflects
signals,
> there will be two paths: one directly from the source to the antenna,
> and one via the reflector. When the length of the paths differs by
> half a wavelength, the two signals will cancel and you have a null.
> The path length difference depends on the direction to the signal
source,
> because the reflector is at some distance from your antenna.
>
> In fact, this is how directional antennas are made. You have
unwillingly
> made a directional antenna.
>
> Rob
> --
> +----------------------------------+----------------------------------
----+
> | Rob Janssen pe1chl@amsat.org | WWW:
http://www.knoware.nl/users/rob |
> | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS:
PE1CHL@PI8WNO.#UTR.NLD.EU |
> +----------------------------------+----------------------------------
----+
>

Sent via Deja.com http://www.deja.com/
Before you buy.

2311. Re: Anybody here near the KSC complex in florida?.

Newsgroup: rec.radio.amateur.space
Date: 2000-09-20 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8sgukb.qv.nomail@linux.pe1chl.ampr.org>
Source record: 8445

eavesdropper <ian@eavesdropper.worldonline.co.uk> wrote:
>OK, Rob.
>I was reading about the launch passes and thought it was a bit tounge in
>cheek how they are only valid for re-use on a scrub if the scrub occured
>BEFORE you step on the bus that takes you to the view site...i can just
>imagine all the ticket holders on the bus with their radios and everybody
>suddenly jumping out of the windows at the slightest rumour of a scrub :-)

When we went there, we drove up to the viewing site in our own (rental)
car... the pass had to be placed behind the windshield and the security
personnel waved you to the correct location (based on the color of the
pass). After the event, you could keep the pass (which has a launch
number on it).

But there was a terrible traffic jam, especially to the larger (further
away) site. We had to park along a service road, the later you arrived
the longer the walk back. Probably they have now changed that so the
visitors park on the (american-sized) parking lot at the visitors center
and go to the site by bus.

(bus tours along various interesting and more boring buildings on the
launch complex are made on non-launch days, so the busses are available
anyway)

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

2312. Re: Anybody here near the KSC complex in florida?.

Newsgroup: rec.radio.amateur.space
Date: 2000-09-20 07:38:06 UTC
From: eavesdropper <ian@eavesdropper.worldonline.co.uk>
Message-ID: <39c86965@news.server.worldonline.co.uk>
Source record: 8446

OK, Rob.
I was reading about the launch passes and thought it was a bit tounge in cheek how they are only valid for re-use on a scrub if the scrub occured BEFORE you step on the bus that takes you to the view site...i can just imagine all the ticket holders on the bus with their radios and everybody suddenly jumping out of the windows at the slightest rumour of a scrub :-)

ian k.

Rob Janssen <nomail@rob.knoware.nl> wrote in message news:slrn8sfc5e.qv.nomail@linux.pe1chl.ampr.org...
> eavesdropper <ian@eavesdropper.worldonline.co.uk> wrote:
> >Thanks Rob, I guess I had better get an overdraught to pay for all the
> >camcorder tapes i will need along with the usual merchandise too :-).
>
> I have been to Florida for a visit to the AMSAT P3D integration lab and
> a short holiday, a couple of years ago. After booking, it turned out that
> a shuttle launch was precisely in that window (just luck).
>
> A friendly guy at the lab gave us his viewing pass, as he could not make
it
> to the site that day (more luck).
>
> The shuttle went up right on time, and we got a wonderful view from the
> closest viewing site open to general visitors (how lucky can you get).
>
> However, I should warn you that you should not count too much on making
> your own photographs or recordings. You will be too far away to get the
> shots that appear on TV (starting engines etc). I used a 200mm lens on a
> 35mm camera, and the pictures I got were just "nice shots", nothing
> spectacular.
>
> So, it is probably better just to experience the launch and leave the
> picture taking to the professionals and the unmanned cameras. You can buy
> the merchandise at the visitor center. However, you should go at another
> day for the KSC visit, most facilities are closed at launch days.
>
> (another problem are the launch delays. I have seen a landing as well,
> during another visit, when these were still at Edwards CA. Landings are
> not postponed too much, so it is easier to plan around them)
>
> Rob
> --
>
+----------+----------+

```
> | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob
|
> | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU
|
>
+----------------------------------+--------------------------------------+
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2313. Re: NOAA-16

Newsgroup: rec.radio.amateur.space
Date: 2000-09-21 00:00:00 UTC
From: Ash <ash@gravitywell.org>
Message-ID: <39CA3CBF.7E43F0D1@gravitywell.org>
Source record: 8349

yes but does anyone know the assigned frequency?
should be 137.62 as only NOAA-14 uses that one, and NOAA-12 & NOAA-15
uses 137.5 ?

marsgal42@hotmail.com wrote:

> I read this morning that NOAA-L was successfully launched from
> Vandenberg AFB at 1022 UTC today. Congratulations to all
> involved!
>
> I look forward to pictures.
>
> Laura Halliday VE7LDH "Que les nuages soient notre
> Grid: CN89mg pied a terre..." - Hospital/Shafte
>
> Sent via Deja.com http://www.deja.com/
> Before you buy.

2314. Re: Anybody here near the KSC complex in florida?.

Newsgroup: rec.radio.amateur.space
Date: 2000-09-21 00:00:00 UTC
From: SMB <scott.m.bowen1@jsc.nasa.gov>
Message-ID: <8qdec9$htv@niven.ksc.nasa.gov>
Source record: 8350

Ahhh...the only plus of working on the Shuttle Training Aircraft...
Always good launch and landing views from the SLF.....

2315. OK, I'm Hooked....WXSAT's Are too cool

Newsgroup: rec.radio.amateur.space
Date: 2000-09-21 00:00:00 UTC
From: SMB <scott.m.bowen1@jsc.nasa.gov>
Message-ID: <8qdfbf$i4q@niven.ksc.nasa.gov>
Source record: 8351

I did it last weekend...
built a cross dipole and loaded WXSAT onto my PC.
hooked the mess up to my IC-R10 and decided to give it a go...

I got a passable pic of the gulf coast from NOAA12 on a 1745 [9-17]
northbound pass showing the storm hitting the Fl. panhandle...

on 9-18, I got a NOAA12 northbound pass showing the Great Lakes at 1645 and
at 1745 a NOAA 14 northbound pass showing the Great lakes also...
The NOAA 14 was the best pic yet...

I am waiting for the Bearcat 160 scanner I got off e-bay to come in so I can
mod it for WXSAT work only

I am excited to say the least!

thanks for all the info!

Scott
KD5KZN

2316. NOAA-15....is it alive?

Newsgroup: rec.radio.amateur.space
Date: 2000-09-21 00:00:00 UTC
From: SMB <scott.m.bowen1@jsc.nasa.gov>
Message-ID: <8qdfq9$iam@niven.ksc.nasa.gov>
Source record: 8352

I got a tone from a NOAA-15 pass on Monday, but when I processed it with WXSAT, no pic....

Is it operating or am I just a stupid new guy?

Scott
KD5KZN

2317. Re: NOAA-16

Newsgroup: rec.radio.amateur.space
Date: 2000-09-21 00:00:00 UTC
From: marsgal42@hotmail.com
Message-ID: <8qdit1bhn1@nnrp1.deja.com>
Source record: 8353

In article <39CA3CBF.7E43F0D1@gravitywell.org>,
Ash <ash@gravitywell.org> wrote:

> yes but does anyone know the assigned frequency?
> should be 137.62 as only NOAA-14 uses that one, and NOAA-12 & NOAA-15
> uses 137.5 ?

There won't be *any* frequency until they've checked the
satellite out and made sure it's working.

In the interim I intend to listen to passes to see if I
hear anything. There are only two possible frequencies,
and as an afternoon satellite, 137.62 is the likely choice...

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..." - Hospital/Shafte

Sent via Deja.com http://www.deja.com/
Before you buy.

2318. Two-way doppler program?

Newsgroup: rec.radio.amateur.space
Date: 2000-09-21 00:00:00 UTC
From: Allen Thomson <thomsona@flash.net>
Message-ID: <8qdonq$j1d$1@nnrp1.deja.com>
Source record: 8354

I'm about to embark on some experiments in detecting radio signals
reflected (passively, not retransmitted) from satellites, and need a
convenient way to predict the two-way doppler shift.

Inputs would be:

Transmitter frequency
Geographic coordinates of the transmitter
Geographic coordinates of the receiver
Orbital elements (TLEs) of the satellite(s)
Start time
Stop time
Update interval (in seconds, with fractions down to 1 millisecond)

Output would be pairs of numbers consisting of UTC time and received
frequency. An option to show the usual range, bearing, lat/lon, etc.
information along with the doppler would be nice, but not essential.

Is there a program out there that can to this, or something equivalent?

I'll write one if I must, but would rather just get something existing
if it's available.

Sent via Deja.com http://www.deja.com/
Before you buy.

2319. Re: NOAA-15....is it alive?

Newsgroup: rec.radio.amateur.space
Date: 2000-09-21 00:00:00 UTC
From: Ash <ash@gravitywell.org>
Message-ID: <39CA684D.2AAC1C67@gravitywell.org>
Source record: 8355

APT (137mhz) is out of sync since a month or two back,
dont know about HPRT though

SMB wrote:

> I got a tone from a NOAA-15 pass on Monday, but when I processed it with
> WXSAT, no pic....
>
> Is it operating or am I just a stupid new guy?
>
> Scott
> KD5KZN

2320. Re: NOAA-16

Newsgroup: rec.radio.amateur.space
Date: 2000-09-21 00:00:00 UTC
From: Ash <ash@gravitywell.org>
Message-ID: <39CA68DE.8F599B4B@gravitywell.org>
Source record: 8356

I know, just wondering if they assigned a frequency yet.
NASA will release the satellite to NOAA in 10 days I think...

marsgal42@hotmail.com wrote:

> In article <39CA3CBF.7E43F0D1@gravitywell.org>,
> Ash <ash@gravitywell.org> wrote:
>
> > yes but does anyone know the assigned frequency?
> > should be 137.62 as only NOAA-14 uses that one, and NOAA-12 & NOAA-15
> > uses 137.5 ?
>
> There won't be *any* frequency until they've checked the
> satellite out and made sure it's working.
>
> In the interim I intend to listen to passes to see if I
> hear anything. There are only two possible frequencies,
> and as an afternoon satellite, 137.62 is the likely choice...
>
> Laura Halliday VE7LDH "Que les nuages soient notre
> Grid: CN89mg pied a terre..." - Hospital/Shafte
>
> Sent via Deja.com http://www.deja.com/
> Before you buy.

2321. Free Tower

Newsgroup: rec.radio.amateur.space
Date: 2000-09-21 00:00:00 UTC
From: Art Jeyes <artjeyes@yahoo.com>
Message-ID: <sskqq6jjpba65a@corp.supernews.com>
Source record: 8357
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.space

I have moved to a new QTH and no longer need my tower. It is a a US Tower 40 foot (MA-40) crank-up. Galvanized steel, in good shape. the tower is down and ready for transport and includes 2 coax standoffs, base and wall mounting bracket.

The tower is located in the Baltimore Area. Please contact me by E-mail if you are interested.

73,

Art - AA3GU

artjeyes@yahoo.com

2322. Re: NOAA-16 heard well

Newsgroup: rec.radio.amateur.space
Date: 2000-09-21 00:00:00 UTC
From: Clifford Buttschardt <cbuttsch@slonet.org>
Message-ID: <Pine.GSO.3.95.1000921131841.10820A-100000@oso.slonet.org>
Source record: 8358

On 21 Sept at 2005 tro 2020 UTC, a weather satellite was heard very
loud and clear on 137.62 MHz. I was not able to determine if this
was the newly launched bird from last night or some other. Cliff K7RR

On Thu, 21 Sep 2000, Ash wrote:

> I know, just wondering if they assigned a frequency yet.
> NASA will release the satellite to NOAA in 10 days I think...
>
>
> marsgal42@hotmail.com wrote:
>
> > In article <39CA3CBF.7E43F0D1@gravitywell.org>,
> > Ash <ash@gravitywell.org> wrote:
> >
> > > yes but does anyone know the assigned frequency?
> > > should be 137.62 as only NOAA-14 uses that one, and NOAA-12 & NOAA-15
> > > uses 137.5 ?
> >
> > There won't be *any* frequency until they've checked the
> > satellite out and made sure it's working.
> >
> > In the interim I intend to listen to passes to see if I
> > hear anything. There are only two possible frequencies,
> > and as an afternoon satellite, 137.62 is the likely choice...
> >
> > Laura Halliday VE7LDH "Que les nuages soient notre
> > Grid: CN89mg pied a terre..." - Hospital/Shafte
> >
> > Sent via Deja.com http://www.deja.com/
> > Before you buy.
>
>
>

2323. Stupid question....Do NOAA Satellites...

Newsgroup: rec.radio.amateur.space
Date: 2000-09-21 00:00:00 UTC
From: SMB <scott.m.bowen1@jsc.nasa.gov>
Message-ID: <8qdusg$r9h@niven.ksc.nasa.gov>
Source record: 8359

or any other weather sat. transmit at night?

Scott

KD5KZN

2324. Re: NOAA-15....is it alive?

Newsgroup: rec.radio.amateur.space
Date: 2000-09-21 00:00:00 UTC
From: "Tom G." <tegwilym@wolfenet.com>
Message-ID: <XPCy5.712$hV.319519@den-news1.rmi.net>
Source record: 8360

It seems to be messed up again. It was doing well for a couple weeks, but then got all twisted up again!

No, you can't be a new stupid guy, I'm new too, and probably much worse then you! ha! :-)

SMB <scott.m.bowen1@jsc.nasa.gov> wrote in message news:8qdfq9$iam@niven.ksc.nasa.gov...
> I got a tone from a NOAA-15 pass on Monday, but when I processed it with
> WXSAT, no pic....
>
> Is it operating or am I just a stupid new guy?
>
> Scott
> KD5KZN
>
>

2325. NOAA-16

Newsgroup: rec.radio.amateur.space
Date: 2000-09-21 00:00:00 UTC
From: marsgal42@hotmail.com
Message-ID: <8qdcqv$3lv$1@nnrp1.deja.com>
Source record: 8447

I read this morning that NOAA-L was successfully launched from
Vandenberg AFB at 1022 UTC today. Congratulations to all
involved!

I look forward to pictures.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..." - Hospital/Shafte

Sent via Deja.com http://www.deja.com/
Before you buy.

2326. ISS HAm Station

Newsgroup: rec.radio.amateur.space
Date: 2000-09-21 00:00:00 UTC
From: Dennis <dennis@monad.net>
Message-ID: <39ca36cc@news.monad.net>
Source record: 8448

Check out where the ISS ham equipment is going..

73

http://www.enn.com/news/enn-stories/2000/09/091920
00/ham_31612.asp

--
Dennis Hennigan WA1HOG
ARRL NH TC
6,2,220,432,903,1296,2304 and 10GHz
Small antennas BIG TOWERS

2327. *** IT'S THIS WEEKEND! LARC HAMFEST SUN SEP 24

Newsgroup: rec.radio.amateur.space
Date: 2000-09-22 00:00:00 UTC
From: KB Sites <kirk@kbsites.com>
Message-ID: <PIyy5.39301$m7.18791622@news3.rdc1.on.home.com>
Source record: 8362

In London Ontario Canada...

--- There are still a few tables left! ---

London Amateur Radio Club has another hamfest on the way. This is expected to be the biggest and best ever at our new location! Computers, radio equipment and electronics flea market! See the web site for more details!

www.larc.on.ca

Lot's of free parking! Food on site! Almost out of vendor tables!!
Reserve tickets early! Slots next door!

LARC HAMFEST 2000
SUNDAY, SEPT. 24TH
9:00 AM TO 1:00 PM
VENDORS SETUP 8:00 AM
ADMISSION: $6.00, TABLES: $8.00

More details at http://www.larc.on.ca

2328. Re: NOAA-16 heard well

Newsgroup: rec.radio.amateur.space
Date: 2000-09-22 00:00:00 UTC
From: Ash <ash@gravitywell.org>
Message-ID: <39CB897C.2A52DCD4@gravitywell.org>
Source record: 8363

Yeah, I recorded 5 passes while I was at work,
using SatSignal on the wave file I usually get a visual spectrum picture and an near infrared one,
but this one was two visual spectrum pics for the first two passes,
the rest of the passes I got one black & white picture,
probably they are just testing the sats functions still... but it was nice to hear the new bird...

Clifford Buttschardt wrote:

> On 21 Sept at 2005 tro 2020 UTC, a weather satellite was heard very
> loud and clear on 137.62 MHz. I was not able to determine if this
> was the newly launched bird from last night or some other. Cliff K7RR

2329. Re: Stupid question....Do NOAA Satellites...

Newsgroup: rec.radio.amateur.space
Date: 2000-09-22 00:00:00 UTC
From: Paul Keinanen <keinanen@sci.fi>
Message-ID: <hddnsscm05u9quo9o5f7entqo5ks430esu@4ax.com>
Source record: 8364

On Fri, 22 Sep 2000 17:15:57 +0100, "Eavesdropper"
<ian@eavesdropper.worldonline.co.uk> wrote:

>not really, NOAA'S are sun syncronous, this means that they travel so they
>are always in the lit part of the terminator.

Sun synchronous orbit only means that the satellite will pass a
certain point at the same (solar) time each day, thus there is a
uniform illumination angle every day and it is easy to compare the
result. The orbital inclination is 95 .. 100 degrees and the orbital
period usually is an simple fraction of 24 hours, such as 2 h, 2:24
or 3 hours.

The only orbit that fits your description is the 06:00/18:00 orbit
(and 18:00/06:00), the North going pass is at the first time and the
South going pass at the second time. Such an orbit is not very good
for observations, since half of the regions directly below are in
darkness.

There are quite a lot of satellites going North around noon (12:00),
but when going South, it will pass over regions at around 24:00 local
time, thus in the middle of the night. Many satellites transmit
infrared pictures during the night.

Paul OH3LWR

2330. QFH Antenna grounding question

Newsgroup: rec.radio.amateur.space
Date: 2000-09-22 00:00:00 UTC
From: tegwilym@my-deja.com
Message-ID: <8qgjpbuij1@nnrp1.deja.com>
Source record: 8365

I don't think I can completely get rid of the noise from the powerlines near my place but I am trying to reduce it the best I can if possible. I am powering the pre-amp with a piece of twisted pair network cable that seems to be working well and RG-58 coax for the feeline to the antenna which is sitting in the attic. I am trying to work out a good way to ground it. There is a vent pipe in the attic nearby that I could ground to, which I tried to do last night. I thought it did some good since I didn't hear much extra noise. I checked it this morning only to realize the power wire broke to the pre-amp. I guess that could explain someting!

My question is: I could ground the antenna (I grounded at the case of the pre-amp to the vent pipe), or should I make sure the power supply is well grounded? I am powering both the radio and amp off an Astron 7am supply. I'm not sure how good the 3rd prong ground on the power cord is, but wouldn't is cause some problems to also ground it at the antenna on that pipe? I'm just wondering if having it grounded at both places would cause some strange problems?
Does anyone know any good ideas to ground a power supply that is in a bedroom? Should I run a cable along the floor to the bathroom and connect to a cold water pipe? The bathroom is next to the radio room.

Tom

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Before you buy.

2331. Re: Stupid question....Do NOAA Satellites...

Newsgroup: rec.radio.amateur.space
Date: 2000-09-22 00:20:42 UTC
From: TR@sky.net
Message-ID: <39caa5a7.268000650@news.idsi.net>
Source record: 8361

On Thu, 21 Sep 2000 16:34:10 -0500, "SMB"
<scott.m.bowen1@jsc.nasa.gov> wrote:

>or any other weather sat. transmit at night?
>
>Scott
>
>KD5KZN

Yes. Some use infrared for instance.

2332. Re: Stupid question....Do NOAA Satellites...

Newsgroup: rec.radio.amateur.space
Date: 2000-09-22 16:15:57 UTC
From: Eavesdropper <ian@eavesdropper.worldonline.co.uk>
Message-ID: <39cb94ff@news.server.worldonline.co.uk>
Source record: 8366

not really, NOAA'S are sun syncronous, this means that they travel so they are always in the lit part of the terminator. Resurs when it transmits was tx'ing at night over me a while ago.

ian

SMB <scott.m.bowen1@jsc.nasa.gov> wrote in message news:8qdusg$r9h@niven.ksc.nasa.gov...
> or any other weather sat. transmit at night?
>
> Scott
>
> KD5KZN
>
>

2333. Got some nice images from Resurs today.

Newsgroup: rec.radio.amateur.space
Date: 2000-09-23 00:00:00 UTC
From: "Tom G." <tegwilym@wolfenet.com>
Message-ID: <jQ_y5.1013$hV.402767@den-news1.rmi.net>
Source record: 8367

I'm getting better images all the time now! Check out my latest at
www.geocities.com\tegwilym

Next....NOAA-L!

Great fun!

Tom KA7VIK

2334. Re: QFH Antenna grounding question

Newsgroup: rec.radio.amateur.space
Date: 2000-09-23 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8sp4m6.da0.nomail@linux.pe1chl.ampr.org>
Source record: 8368

tegwilym@my-deja.com <tegwilym@my-deja.com> wrote:
>I don't think I can completely get rid of the noise from the powerlines
>near my place but I am trying to reduce it the best I can if possible.
>I am powering the pre-amp with a piece of twisted pair network cable
>that seems to be working well and RG-58 coax for the feeline to the
>antenna which is sitting in the attic. I am trying to work out a good
>way to ground it. There is a vent pipe in the attic nearby that I
>could ground to, which I tried to do last night. I thought it did some
>good since I didn't hear much extra noise. I checked it this morning
>only to realize the power wire broke to the pre-amp. I guess that
>could explain someting!

>My question is: I could ground the antenna (I grounded at the case of
>the pre-amp to the vent pipe), or should I make sure the power supply
>is well grounded? I am powering both the radio and amp off an Astron
>7am supply. I'm not sure how good the 3rd prong ground on the power
>cord is, but wouldn't is cause some problems to also ground it at the
>antenna on that pipe? I'm just wondering if having it grounded at both
>places would cause some strange problems?
>Does anyone know any good ideas to ground a power supply that is in a
>bedroom? Should I run a cable along the floor to the bathroom and
>connect to a cold water pipe? The bathroom is next to the radio room.

You should first make sure that you understand the effects that grounding
may have on your problem. You are problably over-estimating these effects.

Interference can be in-band, i.e. there is some signal or harmonic of a
signal that appears on the same frequency as the satellite.
That interference you can try to cure with all kinds of shielding and
grounding.
Use good cable for the antenna, make sure the power feed to the pre-amp
is well-decoupled near the preamp (capacitors of different values, i.e. an
electrolytic and a ceramic cap, an inductor and/or resistor in series).

Grounding will not do much, especially not at VHF.

Another cause of interference can be out-of-band, and is caused by poor
performance of the receiver. The receiver may be sensitive to other
signals, because of spurious frequencies generated in the receiver or
because of poor filtering. Or the FM detector in the receiver may be
sub-optimal, causing sensitivity to AM modulation.

When you are talking about powerline interference at VHF, I would expect
the latter to be the dominant cause of problems. Same when the
interference is from passing cars, etc.

A good receiver has a well-performing limiter that keeps all AM pulse noise out of the FM detector, and so there should be little interference from such signals unless your signal is weak (but then you will have a lot of general noise as well)

Rob

--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

2335. Scientific Atlanta Receiver Series 9600

Newsgroup: rec.radio.amateur.space
Date: 2000-09-23 00:00:00 UTC
From: dejarsm@my-deja.com
Message-ID: <8qi8gmmeu1@nnrp1.deja.com>
Source record: 8369

Does anyone know if there is any value in this receiver...have two just sitting on a shelf and can't put up a dish due to the restrictions where I live.

Thanks!

Sent via Deja.com http://www.deja.com/
Before you buy.

2336. Need info on GE 330 watt power amp

Newsgroup: rec.radio.amateur.space
Date: 2000-09-23 00:00:00 UTC
From: thomas krohn <tkrohn@intergrafix.net>
Message-ID: <39CCA696.A1B35D0D@intergrafix.net>
Source record: 8370

I have a GE 330 watt power amp tuned to 159.045, model 4ET26A2 anybody have a book on it or know of a site where I can get some info? It will tune from 134 to 172 Megs.. Thanks. Tom K3IJ

2337. Re: Anybody here near the KSC complex in florida?.

Newsgroup: rec.radio.amateur.space
Date: 2000-09-24 00:00:00 UTC
From: Matthew Travis <landofgrey@gnc.net>
Message-ID: <39CDCFF6.F518B03F@gnc.net>
Source record: 8372

Unfortunately, I work for a contractor off KSC so I am relegated to watching from NASA Causeway.

2338. antenna list

Newsgroup: rec.radio.amateur.space
Date: 2000-09-24 00:00:00 UTC
From: jeff_scannerdude@yahoo.com
Message-ID: <8qlsns$i8f$1@nnrp1.deja.com>
Source record: 8373

Note there a antenna list for scanner dudes that what to
1 have good reception
2 pick up the hared to hear stations
3 antenna theory
4 antenna design
5 scanner antennas
6 reception problems and talk on hare to fix it
7 what is a good antenna to by

To join
1 go to this http://www.egroups.com/group/scanner-antenna
2 click on the subscribe on the lef site
3 pick the option you what
4 that you all done

if any one has a problems sent it to scanner-antenna-owner@egroups.com

thanks for your time

Sent via Deja.com http://www.deja.com/
Before you buy.

2339. THIS REALLY WORKS!!!!!!!!!!!! (9/6/00 04:40 PM EDT)

Newsgroup: rec.radio.amateur.space
Date: 2000-09-24 00:00:25 UTC
From: bmullins@henry-net.COM
Message-ID: <000801c025d3$9c4ea1e0$0101a8c0@pavilion>
Source record: 8371
Body handling: HTML body converted to readable text

```
This is a multi-part message in MIME format.

------=_NextPart_000_0005_01C02598.EEDB9AC0

charset="iso-8859-1"

THIS REALLY WORKS!!!!!!!!!!!! (9/6/00 04:40 PM EDT)
Email: bmullins@henry-net.com
Date: 9/222/00
Time: 6:35p.m.

Message:

READING THIS COULD CHANGE YOUR LIFE! I found this=20
on a=20
bulletin board and decided to try it. A little while back, I was =
browsing=20
through newsgroups, just like you are now, and came across an article=20
similar to this that said you could make thousands of dollars within=20
weeks with only an initial investment of $6.00! So I thought, "Yeah=20
right, this must be a scam", but like most of us, I was curious, so I =
kept=20
reading. Anyway, it said that you send $1.00 to each of the 6 names=20
and address stated in the article. You then place your own name and=20
address in the bottom of the list at #6, and post the article in at =
least=20
200 newsgroups. (There are thousands) No catch, that was it. So after=20
thinking it over, and talking to a few people first, I thought about =
trying=20
it. I figured: "what have I got to lose except 6 stamps and $6.00, =
right?"=20
Then I invested the measly $6.00. Well GUESS WHAT!!...within 7=20
days, I started getting money in the mail! I was shocked! I figured it=20
would end soon, but the money just kept coming in. In my first week, I=20
made about $25.00. By the end of the second week I had made a total=20
of over $1,000.00! In the third week I had over $10,000.00 and it's =
still
growing. This is now my fourth week and I have made a total of just=20
over $42,000.00 and it still coming in rapidly. It's certainly worth=20
$6.00, & 6 stamps, I have spent more than that on the lottery!! Let me=20
tell you how=20
this works and most importantly, why it works....Also, make sure you=20
print a copy of this article NOW, so you can get the information off of=20
it as you need it. I promise you that if you follow the directions =
exactly,=20
```

that you will start making more money than you thought possible by=20
doing something so easy! Suggestion: Read this entire message=20
carefully! (print it out or download it.) Follow the simple directions =
and=20
watch the money come in! It's easy. It's legal. And, your investment is=20
only $6.00 (Plus postage) IMPORTANT:=20
This is not a rip-off; it is not indecent; it is not illegal; and it is =
virtually=20
no risk - it really works!!!! If all of the following instructions are=20
adhered to, you will
receive extraordinary dividends. PLEASE NOTE: Please follow these
directions EXACTLY, and $50,000 or more can be yours in 20 to 60=20
days. This program remains successful because of the honesty and=20
integrity of the participants. Please continue its success by carefully=20
adhering to the instructions. You will now become part of the Mail=20
Order business. In this business your product is not solid and tangible, =

it's a service. You=20
are in the business of developing Mailing Lists. Many large=20
corporations are happy to pay big bucks for quality lists. However,=20
the money made from the
mailing lists is secondary to the income which is made from people=20
like you and me asking to be included in that list. Here are the 4 easy=20
steps to success: STEP 1: Get 6 separate pieces of paper and write the=20
following on each piece of paper "PLEASE PUT ME ON YOUR=20
MAILING LIST." Now get 6 US $1.00 bills and place ONE inside=20
EACH of the 6 pieces of paper so the bill will not be seen through the=20
envelope (to prevent thievery). Next, place one paper in each of the 6=20
envelopes and seal them. You should now have 6 sealed envelopes,=20
each with a piece of paper stating the above phrase, your name and=20
address, and a $1.00 bill. What you are doing is creating a service.=20
THIS IS ABSOLUTELY LEGAL! You are requesting a legitimate=20
service and you are paying for it! Like most of us I was a little=20
skeptical and a little worried about the legal aspects of it all. So I=20
checked it out with the U.S. Post Office (1-800-725-2161) and they=20
confirmed that it is indeed legal! Mail the 6 envelopes to the following =

addresses:

#1) Samantha Blizniak, 7937 S. Newcastle, Burbank, IL 60459

#2)Katie Wiess, 14 White Tail Lane, Wallingford, CT 06492

#3)Traci Wood, 4224 Carnwath Rd., Tallahassee, FL 32303

#4)Milissa Crook, 3730 South 255th Place, Kent, WA 98032

#5)James Buckner, 11903 Coit RD. #1803 Dallas, TX 75251

#6)Bobbi Mullins, 31 Sunnydale Lane, Napoleon, OH 43545

STEP 2: Now take the #1 name off the list that you see above, move=20
the other names up (6 becomes 5, 5 becomes 4, etc...) and add YOUR=20

Name as number 6 on the list. STEP 3: Change anything you need to,=20
but try to keep this article as close to original as possible. Now, post =

your amended article to at least 200 newsgroups. (I think there are=20
close to 24,000 groups) All you need is 200, but remember, the more=20
you post, the more money you make! This is perfectly legal! If you=20
have any doubts, refer to Title 18 Sec. 1302 & 1341 of the Postal=20
lottery laws. Keep a copy of these steps for yourself and, whenever=20
you need money, you can use it again, and again. PLEASE
REMEMBER that this program remains successful because of the=20
honesty & integrity of the participants & by their carefully adhering to =

the directions. Look at it this way. If you are of integrity, the =
program=20
will continue and the money that so many others have received will=20
come your way. NOTE: You may want to retain every name and=20
address sent to you, either on a computer or hard copy and keep the=20
notes people send you. This VERIFIES that you are truly providing a=20
service. (Also, it might be a good idea to wrap the $1 bill in dark =
paper=20
to reduce the risk of mail theft.) So, as each post is downloaded and =
the=20
directions carefully followed, six members will be reimbursed for their=20
participation as a List Developer with one dollar each. Your name will=20
move up the list geometrically so that when your name reaches the #1=20
position you will be receiving thousands of dollars in CASH!!! What an=20
opportunity for only $6.00 ($1.00 for each of the first six=20
people listed above) Send it now, add your own name to the list and=20
you're in business!=20
---DIRECTIONS -----=20
FOR HOW TO POST TO NEWSGROUPS----------=20
Step 1) You do not need to re-type this entire letter to do your own=20
posting. Simply put your cursor at the beginning of this letter and drag =

your cursor to the bottom of this document, and select 'copy' from the=20
edit menu. This will copy the entire letter into the computer's memory.
Step 2) Open a blank 'notepad' file and place your cursor at the top of=20
the blank page. From the 'edit' menu select 'paste'. This will paste a=20
copy of the letter into notepad so that you can add your name to the
list.=20
Step 3) Save your new notepad file as a .txt file. If you want to do =
your=20
postings in different settings, you'll always have this file to go back =
to.=20
Step 4) Use Netscape or Internet explorer and try searching for various=20
newsgroups (on-line forums, message boards, chat sites, discussions.)
Step 5) Visit these message boards and post this article as a new=20
message by highlighting the text of this letter and selecting paste from =

the edit menu. Fill in the Subject, this will be the header that =
everyone=20

sees as they scroll through the list of postings in a particular group,
click the post message button. You're done with your first one!
Congratulations...THAT'S IT! All you have to do is jump to different=20
newsgroups and post away, after you get the hang of it, it will take=20
about 30 seconds for each newsgroup! **REMEMBER, THE MORE=20
NEWSGROUPS YOU POST IN, THE MORE MONEY YOU WILL=20
MAKE!! BUT YOU HAVE TO POST A MINIMUM OF 200** That's=20
it! You will begin receiving money from around the world within days!=20
You may eventually want to rent a P.O.Box due to the large amount of=20
mail you will receive. If you wish to stay anonymous, you can invent a=20
name to use, as long as the postman will deliver it. **JUST MAKE
SURE ALL THE ADDRESSES ARE=20
CORRECT.** Now the WHY part: Out of 200 postings, say I receive=20
only 5 replies (a very low example). So then I made $5.00 with my
name at #6 on the letter. Now, each of the 5 persons who just sent me=20
$1.00 make the MINIMUM 200 postings, each with my name at #5=20
and only 5 persons respond to each of the original 5, that is another=20
$25.00 for me, now those 25 each make 200 MINIMUM posts with=20
my name at #4 and only 5 replies each, I will bring in an additional=20
$125.00! Now, those 125 persons turn around and post the MINIMUM=20
200 with my name at #3 and only receive 5 replies each, I will make an=20
additional $626.00! OK, now here is the fun part, each of those 625=20
persons post a MINIMUM 200 letters with my name at #2 and they=20
each only receive 5 replies, that just made me $3,125.00!!!=20
Those 3,125 persons will all deliver this message to 200 newsgroups
with my name at #1 and if still 5 persons per 200 newsgroups react I=20
will receive $15,625,00! With an original investment of only $6.00!=20
AMAZING! When your name is no longer on the list, you just take the=20
latest posting in the newsgroups, and send out another $6.00 to names=20
on the list, putting your name at number 6 again. And start posting=20
again. The thing to remember is: do you realize that thousands of=20
people all over the world are joining the internet and reading these
articles everyday?, JUST LIKE YOU are now!! So, can you afford
$6.00 and see if it really works?? I think so... People have said, "what
if the plan is played out and no one sends you the money? So what!
What are the chances of that happening when there are tons of new
honest users and new honest people who are joining the internet and
newsgroups everyday and are willing to give it a try? Estimates are at=20
20,000 to 50,000 new users, every day, with thousands of those
joining the actual internet.Remember, play FAIRLY and HONESTLY
and this will really work

------=_NextPart_000_0005_01C02598.EEDB9AC0

charset="iso-8859-1"

THIS REALLY WORKS!!!!!!!!!!! (9/6/00 04:40 PM=20
EDT)
Email:=20
bmullins@henry-net.com
Date:=20

9/222/00
Time: =
6:35p.m.

Message:

READING THIS=20
COULD CHANGE YOUR LIFE! I found this
on a=20

bulletin board and decided to try =
it. A=20
little while back, I was browsing
through=20
newsgroups, just like you are now, and came across an article =

similar to this that said you could make thousands =
of dollars=20
within
weeks with only an initial =
investment=20
of $6.00! So I thought, "Yeah
right, this=20
must be a scam", but like most of us, I was curious, so I kept =

reading. Anyway, it said that you send $1.00 to =
each of the 6=20
names
and address stated in the =
article. You=20
then place your own name and
address in the=20
bottom of the list at #6, and post the article in at least =

200 newsgroups. (There are thousands) No catch, =
that was it.=20
So after
thinking it over, and =
talking to a=20
few people first, I thought about trying
it.=20
I figured: "what have I got to lose except 6 stamps and $6.00, right?"=20

Then I invested the measly $6.00. =
Well GUESS=20
WHAT!!...within 7
days, I started =
getting=20
money in the mail! I was shocked! I figured it
would end soon, but the money just kept coming in. In my first =
week, I=20

made about $25.00. By the end of =
the second=20
week I had made a total
of over =
$1,000.00! In=20
the third week I had over $10,000.00 and it's still
growing. This is now my fourth week and I have made a total of =
just=20

over $42,000.00 and it still =
coming in=20
rapidly. It's certainly worth
$6.00, & 6=20
stamps, I have spent more than that on the lottery!! Let me =

tell you how
this works and=20
most importantly, why it works....Also, make sure you
print a copy of this article NOW, so you can get =
the=20
information off of
it as you need =
it. I=20
promise you that if you follow the directions exactly,
that you will start making more money than you =
thought=20
possible by
doing something so =
easy!=20
Suggestion: Read this entire message
carefully! (print it out or download it.) Follow the simple =
directions=20
and
watch the money come in! It's =
easy. It's=20
legal. And, your investment is
only $6.00=20
(Plus postage) IMPORTANT:
This is =
not a=20
rip-off; it is not indecent; it is not illegal; and it is virtually=20

no risk - it really works!!!! If =
all of the=20
following instructions are
adhered to, you=20
will
receive extraordinary =
dividends. PLEASE=20
NOTE: Please follow these
directions EXACTLY,=20
and $50,000 or more can be yours in 20 to 60

days. This program remains successful because of the honesty =
and=20

integrity of the participants. =
Please=20
continue its success by carefully
adhering to=20
the instructions. You will now become part of the Mail
Order business. In this business your product is =
not solid and=20
tangible,
it's a service. You=20

are in the business of developing =
Mailing=20
Lists. Many large
corporations =
are happy to=20
pay big bucks for quality lists. However,
the=20
money made from the
mailing lists =
is secondary=20
to the income which is made from people
like=20
you and me asking to be included in that list. Here are the 4 easy=20

steps to success: STEP 1: Get 6 =
separate=20
pieces of paper and write the
following on=20
each piece of paper "PLEASE PUT ME ON YOUR
MAILING LIST." Now get 6 US $1.00 bills and place ONE inside=20

EACH of the 6 pieces of paper so =
the bill=20
will not be seen through the
envelope (to=20
prevent thievery). Next, place one paper in each of the 6 =

envelopes and seal them. You should now have 6 =
sealed=20
envelopes,
each with a piece of =
paper stating=20
the above phrase, your name and
address, and=20
a $1.00 bill. What you are doing is creating a service.
THIS IS ABSOLUTELY LEGAL! You are requesting a =
legitimate=20

service and you are paying for =
it! Like most=20
of us I was a little
skeptical =
and a little=20
worried about the legal aspects of it all. So I
checked it out with the U.S. Post Office (1-800-725-2161) and =
they=20

confirmed that it is indeed =
legal! Mail the 6=20
envelopes to the following
addresses:

#1) =
Samantha Blizniak,=20
7937 S. Newcastle, Burbank, IL 60459

#2)Katie Wiess, 14 White Tail Lane, Wallingford, CT=20
06492

#3)Traci Wood, 4224 =
Carnwath Rd.,=20
Tallahassee, FL 32303

#4)Milissa Crook, 3730 South 255th =
Place, Kent,=20
WA 98032

#5)James Buckner, =
11903 Coit RD.=20
#1803 Dallas, TX 75251

#6)Bobbi Mullins, 31 Sunnydale Lane, Napoleon, OH =
43545

STEP 2: Now take the #1 name off the list that you =
see above,=20
move
the other names up (6 =
becomes 5, 5=20
becomes 4, etc...) and add YOUR
Name as=20
number 6 on the list. STEP 3: Change anything you need to, =

but try to keep this article as close to original =
as possible.=20
Now, post
your amended article to =
at least=20
200 newsgroups. (I think there are
close to=20
24,000 groups) All you need is 200, but remember, the more =

you post, the more money you make! This is =
perfectly legal! If=20
you
have any doubts, refer to =
Title 18 Sec.=20
1302 & 1341 of the Postal
lottery laws.=20
Keep a copy of these steps for yourself and, whenever
you need money, you can use it again, and again.=20
PLEASE
REMEMBER that this program =
remains=20
successful because of the
honesty =
&=20
integrity of the participants & by their carefully adhering to=20

the directions. Look at it this =
way. If you=20
are of integrity, the program
will continue=20
and the money that so many others have received will
come your way. NOTE: You may want to retain every name and=20

address sent to you, either on a =
computer or=20
hard copy and keep the
notes =
people send you.=20
This VERIFIES that you are truly providing a
service. (Also, it might be a good idea to wrap the $1 bill in =
dark paper=20

to reduce the risk of mail =
theft.) So, as=20
each post is downloaded and the
directions=20
carefully followed, six members will be reimbursed for their =

participation as a List Developer with one dollar =
each. Your=20
name will
move up the list =
geometrically so=20
that when your name reaches the #1
position=20
you will be receiving thousands of dollars in CASH!!! What an =

opportunity for only $6.00 ($1.00 for each of the =
first six=20

people listed above) Send it now, =
add your=20

own name to the list and
you're =
in business!=20

---DIRECTIONS ----- =

FOR HOW TO POST TO NEWSGROUPS---------- =

Step 1) You do not need to re-type this entire =
letter to do=20
your own
posting. Simply put your =
cursor at=20
the beginning of this letter and drag
your=20
cursor to the bottom of this document, and select 'copy' from the=20

edit menu. This will copy the =
entire letter=20
into the computer's memory.
Step =
2) Open a=20
blank 'notepad' file and place your cursor at the top of =

the blank page. From the 'edit' menu select =
'paste'. This will=20
paste a
copy of the letter into =
notepad so=20
that you can add your name to the
list.=20

Step 3) Save your new notepad =
file as a .txt=20
file. If you want to do your
postings in=20
different settings, you'll always have this file to go back to. =

Step 4) Use Netscape or Internet explorer and try =
searching=20
for various
newsgroups (on-line =
forums,=20
message boards, chat sites, discussions.)
Step=20
5) Visit these message boards and post this article as a new =

message by highlighting the text of this letter =
and selecting=20
paste from
the edit menu. Fill in =
the=20
Subject, this will be the header that everyone

sees as they scroll through the list of postings in a =
particular=20
group,
click the post message =
button. You're=20
done with your first one!
Congratulations...THAT'S IT! All you have to do is jump to =
different=20

newsgroups and post away, after =
you get the=20
hang of it, it will take
about 30 =
seconds for=20
each newsgroup! **REMEMBER, THE MORE
NEWSGROUPS YOU POST IN, THE MORE MONEY YOU WILL =

MAKE!! BUT YOU HAVE TO POST A MINIMUM OF 200** =
That's=20

it! You will begin receiving =
money from=20
around the world within days!
You =
may=20
eventually want to rent a P.O.Box due to the large amount of =

mail you will receive. If you wish to stay =
anonymous, you can=20
invent a
name to use, as long as =
the postman=20
will deliver it. **JUST MAKE
SURE =
ALL THE=20
ADDRESSES ARE
CORRECT.** Now the =
WHY part:=20
Out of 200 postings, say I receive
only 5=20
replies (a very low example). So then I made $5.00 with =
my
name at #6 on the letter. Now, each of the 5 =
persons who just=20
sent me
$1.00 make the MINIMUM =
200 postings,=20
each with my name at #5
and only =
5 persons=20
respond to each of the original 5, that is another

$25.00 for me, now those 25 each make 200 MINIMUM posts with=20

my name at #4 and only 5 replies =
each, I will=20
bring in an additional
$125.00! =
Now, those=20
125 persons turn around and post the MINIMUM
200 with my name at #3 and only receive 5 replies each, I will =
make an=20

additional $626.00! OK, now here =
is the fun=20
part, each of those 625
persons =
post a=20
MINIMUM 200 letters with my name at #2 and they
each only receive 5 replies, that just made me $3,125.00!!!=20

Those 3,125 persons will all =
deliver this=20
message to 200 newsgroups
with my =
name at #1=20
and if still 5 persons per 200 newsgroups react I
will receive $15,625,00! With an original investment of only =
$6.00!=20

AMAZING! When your name is no =
longer on the=20
list, you just take the
latest =
posting in the=20
newsgroups, and send out another $6.00 to names
on the list, putting your name at number 6 again. And start =
posting=20

again. The thing to remember is: =
do you=20
realize that thousands of
people =
all over the=20
world are joining the internet and reading these
articles everyday?, JUST LIKE YOU are now!! So, can you=20
afford
$6.00 and see if it really =
works?? I=20
think so... People have said, "what
if the=20
plan is played out and no one sends you the money? So =
what!
What are the chances of that happening when there =

```
are tons of=20
new
honest users and new honest =
people who are=20
joining the internet and
newsgroups everyday=20
and are willing to give it a try? Estimates are at
20,000 to 50,000 new users, every day, with thousands of=20
those
joining the actual =
internet.Remember,=20
play FAIRLY and HONESTLY
and this =
will really=20
work

------=_NextPart_000_0005_01C02598.EEDB9AC0--
```

2340. Re: Got some nice images from Resurs today.

Newsgroup: rec.radio.amateur.space
Date: 2000-09-25 00:00:00 UTC
From: marsgal42@hotmail.com
Message-ID: <8qnudu$r29$1@nnrp1.deja.com>
Source record: 8375

In article <jQ_y5.1013$hV.402767@den-news1.rmi.net>,
"Tom G." <tegwilym@wolfenet.com> wrote:
> I'm getting better images all the time now! Check out my latest at
> www.geocities.com\tegwilym
>
> Next....NOAA-L!
>
> Great fun!

Good stuff. I got what would have been a superb image from NOAA-16
Sunday afternoon, except for some severe terrestrial interference.
It was sending two visual images side by side.

I know exactly which power pole it is, but when I phoned the power
company they seemed to think I was some sort of nut. :-(

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..." - Hospital/Shafte

Sent via Deja.com http://www.deja.com/
Before you buy.

2341. Re: Got some nice images from Resurs today.

Newsgroup: rec.radio.amateur.space
Date: 2000-09-25 00:00:00 UTC
From: tegwilym@my-deja.com
Message-ID: <8qnvrq$sl7$1@nnrp1.deja.com>
Source record: 8376

> Good stuff. I got what would have been a superb image from NOAA-16
> Sunday afternoon, except for some severe terrestrial interference.
> It was sending two visual images side by side.

Last night I posted a few more pictures. I have some really clear ones from NOAA-16 there now. They are actually a a bit sharper in the .bmp format than they are on the web page (.jpg), but it would just take too long do download.
That Satellite seems a lot stronger than the other NOAAs. Either that, or maybe I just did something to my station that finally made it all work correctly!

> I know exactly which power pole it is, but when I phoned the power
> company they seemed to think I was some sort of nut. :-(

I was having power line inferferrence also (until it mostly went away this weekend), but I'm afraid they will think I am some kind of wacko if I call and ask about it. Too bad they don't share the fun we have with our radios!

On another topic, I have a question about processing images. I have had good results using David Taylor's SatSignal software when processing the Resurs satellite images, but most of the time when I try a NOAA image, it will do its thing, then nothing will show up on the screen. I do set it on NOAA, and the autodetect will also find it is a NOAA satellite, so I think I'm missing something somwhere.

Ok, actually I have 3 questions, here are 2 more:

What settings in WxSat should I be playing with to get decent color images from the NOAA satellites? I have been messing around with them, and most of the time they come out looking overexposed, or all white with some green, but not much else.

Final question.

I downloded David Taylor's software that I assume should overlay country borders on the images, but again, I run the program and not much happens. I'm not sure if I understand the procedure or what order I should be running the software to get the overlays on my image.

Thanks in advance for any advice you all give me!

Tom
www.geocities.com/tegwilym --- New images!

Sent via Deja.com http://www.deja.com/
Before you buy.

2342. FA: Counterespionage Microwave Radio Receiver - MIB item

Newsgroup: rec.radio.amateur.space
Date: 2000-09-25 00:00:00 UTC
From: "Kevin D. Murray" <murray@spybusters.com>
Message-ID: <39CF9EC7.A34AE292@spybusters.com>
Source record: 8377
Cross-posted to:
alt.marketplace.collectables,rec.antiques.radio+phono,rec.radio.amateur.space,fido7.hardw.microwave,rec.antiques.marketplace

Once owned
by the real
MEN IN BLACK.

Micro-Tel MSR-902
Counterespionage Microwave Receiver / with monitor
.95-18 GHz / automatic scanning / mounted covertly in an attachï¿½ case /
with manual / Very
Cool!

20 great pictures!!!
Worth a look just because it's so rare.

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=447951948

Thank you.

2343. NOAA16 From Utah

Newsgroup: rec.radio.amateur.space
Date: 2000-09-25 00:00:00 UTC
From: FRG9600 <frg9600@home.com>
Message-ID: <fEPz5.248029$i5.3380032@news1.frmt1.sfba.home.com>
Source record: 8378

http://members.nbci.com/frg9600/apt.html

2344. Re: Counterespionage Microwave Radio Receiver - MIB item

Newsgroup: rec.radio.amateur.space
Date: 2000-09-25 00:00:00 UTC
From: wb0poz@prodigy.net
Message-ID: <8qojvo$54tm$1@newssvr05-en0.news.prodigy.com>
Source record: 8379
Cross-posted to:
alt.marketplace.collectables,rec.antiques.radio+phono,rec.radio.amateur.space,fido7.hardw.microwave,rec.antiques.marketplace

Kevin D. Murray <murray@spybusters.com> wrote in message
news:39CF9EC7.A34AE292@spybusters.com...
> Once owned
> by the real
> MEN IN BLACK.
>
> Micro-Tel MSR-902
> Counterespionage Microwave Receiver / with monitor
> .95-18 GHz / automatic scanning / mounted covertly in an attach case /
> with manual / Very
> Cool!
>

Doubtful, unless I'm one of the Men in Black (fat chance). Nice receiver,
though.

2345. Re: Got some nice images from Resurs today.

Newsgroup: rec.radio.amateur.space
Date: 2000-09-25 00:00:00 UTC
From: "Jim Shaffer, Jr." <jshaffer@mail.csrlink.net>
Message-ID: <3invss0b5po6s14h06islevv2qf3uv168n@4ax.com>
Source record: 8380

On Mon, 25 Sep 2000 16:52:19 GMT, tegwilym@my-deja.com wrote:

>> I know exactly which power pole it is, but when I phoned the power
>> company they seemed to think I was some sort of nut. :-(
>
>I was having power line inferferrence also (until it mostly went away
>this weekend), but I'm afraid they will think I am some kind of wacko
>if I call and ask about it. Too bad they don't share the fun we have
>with our radios!

Some people on rec.radio.shortwave recommend taking a sledgehammer and thumping
on the pole to see if you shake something loose.

>What settings in WxSat should I be playing with to get decent color
>images from the NOAA satellites? I have been messing around with them,
>and most of the time they come out looking overexposed, or all white
>with some green, but not much else.

Me too, but I always attributed it to not a clear enough signal. I've never
seen a decent IR image.

>I downloded David Taylor's software that I assume should overlay
>country borders on the images, but again, I run the program and not
>much happens. I'm not sure if I understand the procedure or what order
>I should be running the software to get the overlays on my image.

If I'm not mistaken, only the registered version does overlays.

As for nothing happening, I've only tried it a few times and I've found that you
need a really clear signal. In fact, I've never got it to produce a color
image, only greyscale, from my indoor antenna.

And is it just me, or doesn't it compensate for doppler shift? WXsat does this
just fine, but I tried Taylor's program because I got tired of recording the
audio and tweaking the amplification parameters on each pass.

--
"[W]hether or not [the Philadelphia Experiment] happened in 1943 is not
relevant. It is, for us, like the 'flying saucer' a gedankenexperiment
to get us to the next step in post-Einsteinian unified field theory."
-Dr. Jack Sarfatti, in http://stardrive.org/Jack/algebra.pdf

2346. RBC Short Wave receiver and other equipment

Newsgroup: rec.radio.amateur.space
Date: 2000-09-25 01:04:59 UTC
From: Sheldon Rabin <srabin@worldnet.att.net>
Message-ID: <%wxz5.3150$s76.239359@bgtnsc06-news.ops.worldnet.att.net>
Source record: 8374
Cross-posted to:
rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.shortwave,tw.bbs.rec.radio.amateur

One of the Navy's (older) finest ship board receivers 4 through 28 mHZ with
power supply and power supply and speaker connectors.
The agc meter has the range to allow the receiver to be used as a tuned
voltmeter.
We are moving from the area and this and other lab equipment and components
must go.
The receiver is yours for a (non-profit institution) contribution statement.
The lab equipment and components are negotiable.
FOB northern New Jersey.
SRABIN@WORLDNET.ATT.NET

2347. Re: Got some nice images from Resurs today.

Newsgroup: rec.radio.amateur.space
Date: 2000-09-26 00:00:00 UTC
From: "Tom G." <tegwilym@wolfenet.com>
Message-ID: <omYz5.1535$hV.636729@den-news1.rmi.net>
Source record: 8381

> Some people on rec.radio.shortwave recommend taking a sledgehammer and
thumping
> on the pole to see if you shake something loose.

I would do that, but I'm sure I'd get caught. The power lines are the huge type on the large 150+ foot silver metal tower. I would have to bang away at that thing pretty hard, and I'm sure that would attract a lot of attention! :-)

> If I'm not mistaken, only the registered version does overlays.

Yeah, I think that's right. I was just reading the help file and noticed there are extra features in the registered version. I just don't understand why I can't even get it to process any of the NOAA images. It does a great job on the Resurs though, works out the contrast quite nicely.

>
> As for nothing happening, I've only tried it a few times and I've found
that you
> need a really clear signal. In fact, I've never got it to produce a color
> image, only greyscale, from my indoor antenna.

I can get it to do color with WxSat, but I just need to tweak the numbers to get it to look good. I just don't know what they all mean and it's just trial and error.

> And is it just me, or doesn't it compensate for doppler shift? WXsat does
this
> just fine, but I tried Taylor's program because I got tired of recording
the
> audio and tweaking the amplification parameters on each pass.

I'm not sure, I haven't had any doppler problems with WxSat. When processing the Resurs images with SatSignal, I find that after I process the image, it looks ok, but is all skewed. I hit the re-sync feature and it fixes it.

Tom
http://www.geocities.com/tegwilym

2348. Re: Got some nice images from Resurs today.

Newsgroup: rec.radio.amateur.space
Date: 2000-09-26 00:00:00 UTC
From: Gary Coffman <ke4zv@bellsouth.net>
Message-ID: <rn71tso5pvn30tvi0hfv9d79ca8vu3kq3e@4ax.com>
Source record: 8382

On Mon, 25 Sep 2000 19:44:20 -0400, "Jim Shaffer, Jr." <jshaffer@mail.csrlink.net> wrote:
>On Mon, 25 Sep 2000 16:52:19 GMT, tegwilym@my-deja.com wrote:
>>I was having power line inferferrence also (until it mostly went away
>>this weekend), but I'm afraid they will think I am some kind of wacko
>>if I call and ask about it. Too bad they don't share the fun we have
>>with our radios!
>
>Some people on rec.radio.shortwave recommend taking a sledgehammer and thumping
>on the pole to see if you shake something loose.

What you shake loose may fall. It may be the transformer, or the power line, that's loose. Banging on power poles is thus somewhat dangerous. It does usually change the noise temporarily, though, and can help you identify the offending pole. You just have to ask yourself if you feel lucky. (The odds are actually pretty good that nothing drastic will happen, but you only have to be unlucky once.)

Most power companies have a department that deals with line noise issues. Line noise is a tipoff that something is wrong on the pole, and that can affect power reliability. The power company isn't making any money while a power line is out of service, so they usually like to get these reports so that they can fix things before there is a service interruption. You have to find the right person at the power company to contact to get the process started. That sometimes takes a few calls, but they usually will come out and try to find the problem and fix it.

Gary
Gary Coffman KE4ZV | You make it |mail to ke4zv@bellsouth.net
534 Shannon Way | We break it |
Lawrenceville, GA | Guaranteed |

2349. AR-3000a Scanner bandwidth mod - Advice needed!

Newsgroup: rec.radio.amateur.space
Date: 2000-09-26 00:00:00 UTC
From: Dave Alden <dalden@home.com>
Message-ID: <ADBE3884A6276D71.0155D902A7563EA0.491D09475F2529C5@lp.airnews.net>
Source record: 8383

I have an AR3000a scanner that I want to modify to be able to receive satellites on both 137 mHz and 1691 mHz. AOR-UK has a modification they do which involves installing a switchable 50 kHz filter that can be switched in and out with the stock WFM filter (230 Khz).

It is a rather complicated mod that involves a tiny custom made pc board and some delicate work with subminiature components. They do it in house but the have advised me that the cost of shipping my unit to and from England along with the customs fees is very expensive, more so than the mod work itself. In addition, since my unit is one of the older ones that has full coverage (cell band), I risk confiscation on it's return to the US. They won't supply me with a kit to do the mod myself.

My question is:

Can I safely place a .01 mfd capacitor IN PARALLEL with the current NFM filter and run some wires to a switch so that I could switch it in and out of the circuit? I really don't want to rip out the current NFM filter and destroy the utility od this unit as a scanner.

Will wires going to a switch cause any problems with stray signals or affect the performance of the NFM filter ?

What is the typical bandwidth created when a .01 cap is inserted?

Maybe this is a dumb idea altogether.

Any advice would be appreciated!

Dave - KB8VJD

2350. Phase 3 D launch?

Newsgroup: rec.radio.amateur.space
Date: 2000-09-26 00:00:00 UTC
From: Steven L Umbach <n9rou@home.com>
Message-ID: <AK3A5.74892$Qx4.2489254@news1.rdc1.il.home.com>
Source record: 8384

Is this the rocked Phase 3D will be on ??
http://news.excite.com/news/r/000926/08/science-space-ariane-dc

2351. P3D to fly October 31st

Newsgroup: rec.radio.amateur.space
Date: 2000-09-26 00:00:00 UTC
From: "Craig L. Patterson" <craiglp@swbell.net>
Message-ID: <8qqhcf02d5n@news1.newsguy.com>
Source record: 8385

ArianeSpace has announced it's upcoming launches. The next Ariane 5, carrying P3D, is scheduled to launch on October 31st.

KC0CGF

2352. Provisional Launch Manifest

Newsgroup: rec.radio.amateur.space
Date: 2000-09-26 00:00:00 UTC
From: Jim Jerzycke <kq6ea@amsat.org>
Message-ID: <39D0E411.806227D3@amsat.org>
Source record: 8386

WHOPEEEE!!!
For those interested in actually seeing AMSAT on the launch manifest, go to:

www.arianespace.com/status_nearterm.html

73 with crossed-fingers, Jim KQ6EA

2353. EARN $50,000 OR MORE IN 90 DAYS!!!

Newsgroup: rec.radio.amateur.space
Date: 2000-09-26 00:00:00 UTC
From: mile33@bcc.co.UK
Message-ID: <200009261834.AA06333@intrapia3.kotel.co.kr>
Source record: 8387

Hello,

This e-mail contains the ENTIRE PLAN of how YOU can make
$50,000 or more in the next 90 days by simply sending e-mail! Seem
impossible? Just read on to see how it works AND HOW EASY IT IS....

*** PRINT THIS INFORMATION NOW FOR FUTURE REFERENCE ***

Due to the popularity of this letter on the Internet, a major nightly
news program recently devoted an entire show to the investigation of the
program described below to see if it really can make people money.
The show also investigated whether or not the program was legal. Their
findings proved that there are absolutely no laws prohibiting the
participation in the program. This has helped to show people that this
is a simple, harmless and fun way to make some extra money at home. The
results have been truly remarkable. So many people are participating that those
involved are doing much better than ever before. Since everyone makes
more as more people try it out, it's been very exciting. You will understand
once you try it yourself!

********* THE ENTIRE PLAN IS OUTLINED BELOW *********

$$

If you would like to make at least $50,000 in less than 90 days! Please
read this program...THEN READ IT AGAIN!!

$$

This is a Legitimate, Legal, Money Making Opportunity!!

It does Not require you to come into contact with people or make or take
any telephone calls.

Just follow the instructions and you will make money. This simplified
E-mail marketing program works perfectly 100% EVERY TIME!!!

References..

Hello my name is Johnathon Rourke, I'm from Rhode Island.

The enclosed information is something I almost let slip through my
fingers. Fortunately, sometime later I re-read everything and gave some
considerable thought and study to it.

Two years ago, the Corporation I worked for the past twelve years
down-sized and my position was eliminated.

After unproductive job interviews, I decided to open my own business.
Over the past year, I incurred many unforeseen financial problems.

I owed my family, friends and creditors over .. $35,000. The economy was
taking a toll on my business and I just couldn't seem to make ends meet.
I had to refinance and borrow more against my home to support my family
and struggling business.

At that moment.. something significant happened in my life.

I am writing this reference to share the experience in hope that this
could change your life .. Forever!!! Financially $$$$!!!

In mid December, I received this program in my E-mail. Six months prior
to receiving this program I had been sending away for information on
various business opportunities.

All of the programs I received, in my opinion, were NOT cost effective,
they were either too difficult for me to comprehend or the initial investment
was too much for me to risk to see if they worked.
As I was saying in December of 1998 I received this program.
I didn't send for it, or ask for it, they just got my name off a mailing
list.

Thank goodness for that!!!

After reading it several times, to make sure I was reading it correctly.
I couldn't believe my eyes!

Here was a MONEY MAKING MACHINE I could start immediately without any
debt. Like most of you I was still a little skeptical and a little worried
about the legal aspects of it all. So I checked it out with the U.S. Post
Office (1-800-725-2161 24-hrs) and they confirmed that it is indeed legal!

After determining the program was LEGAL I decided "WHY NOT!?!?!?!?".
Initially I sent out 10,000 e-mails. It cost me about $15.00 for my time

on-line. The great thing about e-mail is that I don't need any for
printing to send out the program, and because I also send the product (reports)
by e-mail, my only expense is my time.

In less than one week, I was starting to receive orders for REPORT # 1.

By January 13, I had received 26 orders for REPORT # 1.
. YOUR GOAL IS TO RECEIVE (at least) 20 ORDERS FOR REPORT #1 WITHIN
2 WEEKS, IF YOU DON'T, SEND MORE PROGRAMS UNTIL YOU DO

My first step in making $50,000 in 90 days was done. By January 30, I
had received 196 orders for REPORT #2.
. YOUR GOAL IS TO RECEIVE AT LEAST 100 + ORDERS FOR REPORT #2
WITHIN 2 WEEKS, IF NOT, SEND OUT MORE PROGRAMS UNTIL YOU DO. ONCE YOU

HAVE 100 ORDERS, THE REST IS EASY, RELAX, YOU WILL MAKE YOUR $50,000 GOAL

Well, I had 196 orders for REPORT # 2, 96 more than I needed. So I sat
back and relaxed. By March 1, of my E-mailing of 10,000, received $58,000 US

with more coming in every day. I paid off ALL my debts and bought a much needed new car!

Please take your time to read this plan, IT WILL CHANGE YOUR LIFE FOREVER $!!!!!!! Remember, it won't work if you don't try it.

This program does work, BUT you must follow it EXACTLY!

Especially the rules of not trying to place your name in a different place. It won't work and you'll lose out on a lot of money!. In order for this

program to work, you must meet your goal 0f 20+ orders for REPORT # 1, and 100+ orders for REPORT # 2 and you will make $50,000 or more in 90 days.

I AM LIVING PROOF THAT IT WORKS !!!!!!

If you choose not to participate in this program, I am sorry. It really is a great opportunity with little cost or no risk to you.

If you choose to participate, follow the program and you will be on your way to financial security. If you are a fellow business owner and are in financial trouble like I was, or you want to start your own business, consider this a sign. I DID $$$

Sincerely,
Johnathon Rourke

****

A PERSONAL NOTE FROM THE ORIGINATOR OF THIS PROGRAM:

By the time you have read the enclosed program and reports, you should have concluded that such a program, and one that is legal, could not have been created by an amateur. Let me tell you a little about my self.

I had a profitable business for 10 years. Then in 1979 my business began falling off. I was doing the same things that were previously successful for me, but it wasn't working. Finally, I figured it out. It was not me, it was the economy. Inflation and recession had replaced the stable economy that had been with us since 1945.

I don't have to tell you what happened to the employment rate.... because many of you know from first hand experience. There were more failures and bankruptcies than ever before. The middle class was vanishing. Those who knew what they were doing invested wisely and moved up. Those who did not, including those who never had anything to save or to invest, were moving

down into the ranks of the poor. As the saying goes, "THE RICH GET RICHER AND THE POOR GET POORER."

The traditional methods of making money will never allow you to "move up" or "get rich", inflation will see to that.

You have just received information that can give you Financial-Freedom
for the rest of your life, with "NO RISK" and "JUST A LITTLE BIT OF EFFORT."
You can make more money in the next few months than you have ever imagined.
I should also point out that I will not see a penny of this money, nor
anyone else who has provided a testimonial for this program.

I have retired from the program after sending thousands and thousands of

programs. Follow the program EXACTLY AS INSTRUCTED. Do not change it in
any way. It works exceedingly well as it is now. Remember to e-mail a copy
of
this exciting report to everyone you can think of. One of the people you

send this to may send out 50,000... and your name will be on everyone of

them!

REMEMBER though, ~~~~ the MORE YOU SEND OUT, the more potential
customers
you will reach. So my friend, I have given you the ideas, information,
materials and opportunity to become financially independent.

IT IS UP TO YOU !!! NOW JUST DO IT !!!!

BEFORE YOU delete this program from your in box, as I almost did, take a

little time to read it and REALLY THINK ABOUT IT.

Get a pencil and figure out what could happen when YOU participate.
Figure
out the worst possible response and no matter how you calculate it, you
will
still make a lot of money! You will definitely get back what you
invested.
Any doubt you have will vanish when your first orders come in.

$$$$$ IT WORKS!!! $$$$$

Jody Jacobs - Richmond, VA

****

HERE'S HOW THIS AMAZING PROGRAM WILL MAKE YOU THOUSANDS OF DOLLARS
$$$$$

This method of raising capital REALLY WORKS 100% EVERY TIME.

I am sure that you could use up to $50,000 US or more in the next 90
days.

Before you say "BULL...", please read this program carefully. This is
not a
chain letter, but a perfect legal money making business.

As with all multi-level businesses, we build our business by recruiting
new partners and selling our products. Every state in the USA allows you to
recruit new multi-level business partners, and we sell and deliver a

product for EVERY dollar received.

YOUR ORDERS COME BY MAIL AND ARE FILLED BY E-MAIL, so you are not involved in personal selling. You do it privately in your own home, store or office. This is the EASIEST marketing plan anywhere! It is simply order filling by E-mail.

The product is informational and instructional material, keys to the secrets for everyone on how to open the doors to the magic world of E-COMMERCE, the information highway, the wave of the future!

PLAN SUMMARY:

(1) You order the 4 reports listed below ($5.00 US each). They come to you by e-mail.

(2) Save a copy of this entire letter and put your name after Report # 1 and move the other names down.

(3) Via the internet, access Yahoo.com or any of the other major search engines to locate hundreds of bulk email service companies (search for "bulk email") and you will find lists with a few hundred thousand to several million e-mail
addresses starting at about $49.00 +. Remember though REPORT #2 will show you how to do all of this in full detail.

(4) Orders will come to you by postal mail - simply email them the Report they ordered. Let me ask you - isn't this about as easy as it gets?

****

By the way there are over 50 MILLION email addresses with millions more joining the Internet each year so don't worry about "running out" or "saturation". People are used to seeing and hearing the same advertisements every day on radio/TV.

How many times have you received the same pizza flyers on your door? Then one day you are hungry for a pizza and you order one. Same thing with this letter. I received this letter many times - then one day I decided it was time to try it.

****

YOU CAN START TODAY - JUST DO THESE EASY STEPS:

STEP # 1. ORDER THE FOUR REPORTS

Order the four Reports shown on the list below (you can't sell them if you don't order them).-- For each Report send $5.00 US CASH and
. NAME & NUMBER OF THE REPORT YOU ARE ORDERING
. YOUR E-MAIL ADDRESS
. YOUR NAME WITH RETURN ADDRESS (in case of a problem)

to the person whose name appears on the list next to the report.

MAKE SURE YOUR RETURN ADDRESS IS ON YOUR ENVELOPE IN CASE OF ANY MAIL PROBLEMS!

Within a few days you will receive, by e-mail, each of the four reports.

Save them on your computer so you can send them to the 1.000's of people who will order them from you.

STEP # 2, ADD YOUR MAILING ADDRESS TO THIS LETTER.

IMPORTANT-- DO NOT alter the names of the people who are listed next to each report, or their sequence on the list, in any way other than is instructed below
in steps "A" through "F" or you will lose out on the majority of your profits. Once
you understand the way this works, you'll also see how it doesn't work if you change it.
Remember, this method has been tested, and if you alter it, it will not work.

A. Look below for the listing of the four reports.

B. After you've ordered the four reports, take this Advertisement and remove the name and address under REPORT #4. This person has made it through the cycle and is no doubt counting their $50,000!

C. Move the name and address under REPORT # 3 down to REPORT # 4.

D. Move the name and address under REPORT # 2 down to REPORT # 3.

E. Move the name and address under REPORT # 1 down to REPORT # 2.

F. Insert your name and address in the REPORT # 1 position. Please make

sure you COPY ALL INFORMATION, every name and address, ACCURATELY.

STEP # 3, SAVE THIS E-MAIL TO YOUR COMPUTER

Take this entire letter, including the modified list of names, and save it to your computer. Make NO changes to these instructions. Now you are ready to use this entire E-mail to send by E-mail to prospects.

Report #2 will tell you how to download bulk e-mail software and e-mail addresses so you can send it out to thousands of people while you sleep!

Remember that 50,000 + new people are joining the internet every month.

Your cost to participate in this is practically nothing (surely you can afford $20.00 US and initial bulk mailing cost). You obviously already have a computer and an Internet connection and E-mail is FREE.

STEP # 4, DISTRIBUTE THIS E-MAIL OVER THE INTERNET

There are two primary methods of building your downline network:

Method # 1: Sending Bulk E-Mail

Let's say that you decide to start small, just to see how it goes, and
we'll assume you and all those involved email out only 2,000 programs each.
Let's also assume that the mailing receives a 0.5% response. The response
could be much better. Also, many people will email out hundreds of thousands
of programs instead of 2,000 (why stop at 2,000?) But continuing with this
example, you send out only 2,000 programs. With a 0.5% response, that
is only 10 orders for REPORT # 1. Those 10 people respond by sending out
2,000 programs each for a total of 20,000.

Out of those 0.5%, 100 people respond and order REPORT # 2. Those 100
mail out 2,000 programs each for a total of 200,000.

The 0.5% respond to that is 1,000 orders for ..

REPORT # 3. Those 1,000 send out 2,000 programs each for a total of
2,000,000. The 0.5% respond to that is 10,000 orders for..

REPORT # 4. That's10,000 $5.00 US bills for you. CASH!!!

Your total income in this example is.. $50 + $500 + $5,000 + $50,000
for a total of .. $55,550!!!!

Remember friend, this is assuming 1,990 out of 2,000 people you email
to will do absolutely nothing and trash this program!

Dare to think for a moment what would happen if everyone, or half sent
out 100,000 programs instead of 2,000, believe me, many people will do just
that and more!

Method # 2.. Placing Free Ads on the Internet

Advertising on the Internet is very, very inexpensive, there are
HUNDREDS of FREE places to advertise. Lets say you decide to start small just to
see how well it works. Assume your goal is to get ONLY 10 people to participate
on your first level. (Placing a lot of FREE ads on the Internet will easily
get a LARGER response). Also assume that everyone in your organization gets

only 10 downline members, just look how this small number accumulates to

achieve the STAGGERING results below...

1st Level-- Your first 10 send you $5 = $50.00
2nd Level-- 10 Members from those 10 ($5 X100) = $500.00
3rd Level-- 10 Members from those 100 ($5 X1,000) = $5,000.00
4th Level-- 10 Members from those 1,000 ($5 X10,000) = $50,000.00

$$$$$$$ THIS TOTAL'S = $55,550 $$$$

AMAZING ISN'T IT?? Remember friends, this assumes that the people who
participate only recruit 10 people each. Think for a moment what would
happen if they got 20 people to participate! Most people get 100's of
participants and many will continue to work this program, WITH YOUR NAME
ON THEM FOR YEARS!! THINK ABOUT IT!

People are going to get details about this plan from you 'or' someone
else... the question is... Don't you want your name to be on the Emails

they will send out??

** DON'T MISS OUT!!! ** JUST TRY IT ONCE!!! ** SEE WHAT HAPPENS!!! **
YOU'LL BE AMAZED!!!

****

ALWAYS PROVIDE SAME-DAY SERVICE ON ORDERS!

This will guarantee that the E-mail THEY send out with your name and
address on it will be prompt because they can't advertise until they receive the

REPORT!

****

GET STARTED TO-DAY: PLACE YOUR ORDER FOR THE FOUR REPORTS...NOW!!

NOTES.. -- ALWAYS SEND $5.00 CASH (US CURRENCY) FOR EACH REPORT.
CHECKS, MONEY ORDERS, OR CASHIER CHECKS ARE NOT ACCEPTED!

Make sure the CASH is concealed by wrapping it in two sheets of paper.
On one of those sheets write...

A. The Number and Name of the Report you are Ordering.

B. Your E-mail address, and .

C. Your name and postal address.

PLACE YOUR ORDER FOR THESE REPORTS NOW:

REPORT # 1 " The Insider's Guide to Advertising for Free on the
Internet".

ORDER REPORT # 1 FROM...

Cris Mathis
22506 Tullis Trail Court
Katy, TX 77494
USA

REPORT # 2 "The Insider's Guide to Sending Bulk E-mail on the Internet"

ORDER REPORT # 2 FROM....

DANNY CONNELL
2100 FAIRWAY COURT
KENNESAW, GA 30144
USA

REPORT # 3 "The Secrets to Multilevel Marketing on the Internet".

ORDER REPORT # 3 FROM....

Cainco Associates
8001 San Miguel Cyn
#254
Salinas, CA 93907
USA

REPORT # 4 "How to Become a Millionaire Utilizing the Power of
Multilevel
Marketing and the Internet".

ORDER REPORT # 4 FROM...

RANDY BOMAR
P.O. BOX 66696
HOUSTON, TX 77266-6696
USA

*******TIPS FOR SUCCESS*******

TREAT THIS AS YOUR BUSINESS!! Be prompt, professional, follow the
directions
accurately -- send for the four reports 'IMMEDIATELY' so you have them
when
the orders start coming in because:

When you receive a $5 order, you MUST send out the requested
product/report.
It is required for this to be a legal business and they need the reports
to
send out their letters (with your name on them!)

ALWAYS PROVIDE SAME-DAY SERVICE ON THE ORDERS YOU RECEIVE.

BE PATIENT AND PERSISTENT WITH THIS PROGRAM!!
If you follow the instructions exactly-- results WILL FOLLOW. $$$$.

******* YOUR SUCCESS GUIDELINES*******

Follow these guidelines to guarantee your success:

If you don't receive 20 orders for REPORT # 1 within two weeks,
continue
advertising or sending e-mails until you do. Then, a couple weeks later
you
should receive at least 100 or more orders for REPORT # 2. If you
don't,
continue advertising or sending e-mails until you do. Once you have
received
100 or more orders for REPORT # 2, YOU CAN RELAX, because the system is

already working for you, cash will continue to roll in!!

THIS IS IMPORTANT TO REMEMBER... Every time your name is moved down on the
list, you are placed in front of a DIFFERENT REPORT.

You can keep track of your PROGRESS by watching which report people are
ordering from you.

To generate more income, simply send another batch of e-mails or continue
placing ads and start the whole process again!!

THERE IS NO LIMIT TO THE INCOME YOU WILL GENERATE FROM THIS BUSINESS!

Before you make your decision as to weather or not to participate in this
program. Please answer one question.

ARE YOU HAPPY WITH YOUR PRESENT INCOME OR JOB?? If the answer is no, then
please look at the following facts about this super simple MLM program:

. No face to face selling, No meetings, No Inventory, No telephone calls, No
big cost to start, Nothing to learn, No skills needed! (Surely you know how
to send an e-mail?).

. No equipment to buy- you already have a computer and Internet connection-
so you have everything you need to fill orders!

. You are selling a PRODUCT which does NOT COST YOU ANYTHING TO PRODUCE OR
SHIP! E-mailing copies of the Reports is FREE!

. All of your customers pay you in CASH! This program will change your LIFE
FOREVER! Look at the potential for you to be able to quit your job and live
a life of luxury that you could only dream about!

. Imagine getting out of debt and buying the car and home of your dreams and
being able to work a super-high paying leisurely easy business, from home
with no overheads!

$$$ FINALLY MAKE SOME DREAMS COME TRUE !! $$$

ACT NOW!! Take your first step towards achieving financial independence.
Order the REPORTS and follow the PROGRAM outlined above--SUCCESS WILL BE

2354. NOAA 16 Pictures

Newsgroup: rec.radio.amateur.space
Date: 2000-09-26 00:00:00 UTC
From: Online DX Logbook <odxl@hotmail.com>
Message-ID: <8qqs52tnc1@newsg2.svr.pol.co.uk>
Source record: 8388

The new bird is producing pictures on 137.620 MHz.

For examples of todays low passes over the United Kingdom visit:-

http://www.odxl.freeserve.co.uk

--
73's
Graham Powell

Webmaster for the Online DX Logbook
The most up-to-date Shortwave and Tropical Band Loggings are always on the
Online DX Logbook at:- http://www.dxsheigra.freeserve.co.uk
==========

2355. Re: Phase 3 D launch?

Newsgroup: rec.radio.amateur.space
Date: 2000-09-26 00:00:00 UTC
From: "R.L. Tannehill, P.E." <rickw7rt@firstinter.net>
Message-ID: <39D1165A.FC38BD76@firstinter.net>
Source record: 8389

Steven L Umbach wrote:
>
> Is this the rocked Phase 3D will be on ??
I hope it doesn't turn out to be a launched on a rock...nyuk nyuk nyuk
But yes, the 507 is the one Phase 3d will be on.

> http://news.excite.com/news/r/000926/08/science-space-ariane-dc

2356. Re: Got some nice images from Resurs today.

Newsgroup: rec.radio.amateur.space
Date: 2000-09-26 00:00:00 UTC
From: "Tom G." <tegwilym@wolfenet.com>
Message-ID: <l_eA5.1865$hV.752372@den-news1.rmi.net>
Source record: 8390

Thanks a lot for the encouragement.
....and I thought all the guys here were helpful....I guess not.

> Do you really believe that the pictures you're showing are NICE !?!?!? The
> Resurs picture seems taken by a system of 30 years ago ! Just throw away
> your toy receiver and buy a real 137 MHz rx and do not discourage the
> fellows wanting to start and watching your poor pictures.

2357. Quiktrak5.0

Newsgroup: rec.radio.amateur.space
Date: 2000-09-27 00:00:00 UTC
From: thomas krohn <tkrohn@intergrafix.net>
Message-ID: <39D27EEA.BADFA506@intergrafix.net>
Source record: 8299

Anyone using Quiktrak5.0 just brought out by AMSAT? I was wondering if it works the same as my old Quiktrak4.0. Tom K3IJ.

2358. N9AVG Web page & AvantGo Down????

Newsgroup: rec.radio.amateur.space
Date: 2000-09-27 00:00:00 UTC
From: "Craig L. Patterson" <craiglp@swbell.net>
Message-ID: <8qttoe029pl@news1.newsguy.com>
Source record: 8300

Anyone know what the status of the N9AVG web site and AvantGo channel is?

2359. Re: Phase 3 D launch?

Newsgroup: rec.radio.amateur.space
Date: 2000-09-27 00:00:00 UTC
From: hamish@cloud.net.au
Message-ID: <rUhA5.2099$Xx3.10499@news1.eburwd1.vic.optushome.com.au>
Source record: 8393

Steven L Umbach <n9rou@home.com> wrote:
> Is this the rocked Phase 3D will be on ??
> http://news.excite.com/news/r/000926/08/science-space-ariane-dc

Yes, according to
http://www.arianespace.com/news_missionupdate.html

(I though they said not before November 5? Great news anyway!)

Hamish
--
Hamish Moffatt VK3SB <hamish@debian.org> <hamish@cloud.net.au>

2360. S: Systron Donner - 752

Newsgroup: rec.radio.amateur.space
Date: 2000-09-27 00:00:00 UTC
From: Mike Hoehn <Mike.Hoehn@gssr.org>
Message-ID: <39D1EB99.EF08137@gssr.org>
Source record: 8394
Cross-posted to: rec.radio.scanner,rec.radio.amateur.space,rec.radio.shortwave

Hi folks!

i'm looking for infos, manual and modifications for the
Systron Donner 752 Spectrumanalyser!

thx
Mike

2361. Re: Got some nice images from Resurs today.

Newsgroup: rec.radio.amateur.space
Date: 2000-09-27 00:00:00 UTC
From: frg9600 <frg9600@home.com>
Message-ID: <MkmA5.254051$i5.3483677@news1.frmt1.sfba.home.com>
Source record: 8395

Hercules
Why don't you show us all how it's done by posting the URL to your fantastic
WXsat web page that will astonish the old and young.
Hercules <hercules@coolmail.net> wrote in message
news:yDeA5.20443$3R6.402951@news.infostrada.it...
> Do you really believe that the pictures you're showing are NICE !?!?!? The
> Resurs picture seems taken by a system of 30 years ago ! Just throw away
> your toy receiver and buy a real 137 MHz rx and do not discourage the
> fellows wanting to start and watching your poor pictures.
>
> Best 73s,
>
> H
>
> "Tom G." <tegwilym@wolfenet.com> wrote in message
> news:jQ_y5.1013$hV.402767@den-news1.rmi.net...
> > I'm getting better images all the time now! Check out my latest at
> > www.geocities.com\tegwilym
> >
> > Next....NOAA-L!
> >
> > Great fun!
> >
> > Tom KA7VIK
> >
> >
> >
> >
> >
>
>

2362. I found Hercules Web page

Newsgroup: rec.radio.amateur.space
Date: 2000-09-27 00:00:00 UTC
From: frg9600 <frg9600@home.com>
Message-ID: <EumA5.254096$i5.3483828@news1.frmt1.sfba.home.com>
Source record: 8396

Giovanni
Looks like you have some work to do before you come in here spouting off
about toy receivers and the like.
http://www.qsl.net/it9xxs/

2363. Re: I found Hercules Web page

Newsgroup: rec.radio.amateur.space
Date: 2000-09-27 00:00:00 UTC
From: tegwilym@my-deja.com
Message-ID: <8qt92u$6mg$1@nnrp1.deja.com>
Source record: 8397

In article <EumA5.254096$i5.3483828@news1.frmt1.sfba.home.com>,
"frg9600" <frg9600@home.com> wrote:
> Giovanni
> Looks like you have some work to do before you come in here spouting
off
> about toy receivers and the like.
> http://www.qsl.net/it9xxs/

Nice looking web page, but I don't see where his satellite images are
that were done with his "Real" radio.

Ok so my pictures may look like crap, but I'm excited about them, and
they sure look a lot better than they did when I stared out a month
ago! Soon I'll get a new radio, but for now I'm perfectly happy with
my "Toy".

Tom

Sent via Deja.com http://www.deja.com/
Before you buy.

2364. Re: P3D to fly October 31st

Newsgroup: rec.radio.amateur.space
Date: 2000-09-27 00:00:00 UTC
From: Erik van Bronkhorst <evb@mac.com>
Message-ID: <39D2689A.9F5986BF@mac.com>
Source record: 8398

Trick, or treat?

kc6uut

"Craig L. Patterson" wrote:

> ArianeSpace has announced it's upcoming launches. The next Ariane 5,
> carrying P3D, is scheduled to launch on October 31st.
>
> KC0CGF

2365. Re: NOAA16 From Utah

Newsgroup: rec.radio.amateur.space
Date: 2000-09-27 02:54:54 UTC
From: Bow <bowchan-kaokao@worldnet.att.net>
Message-ID: <2kdA5.1999$7I4.94928@bgtnsc04-news.ops.worldnet.att.net>
Source record: 8391

FRG9600 <frg9600@home.com> wrote in message
news:fEPz5.248029$i5.3380032@news1.frmt1.sfba.home.com...
> http://members.nbci.com/frg9600/apt.html
>
>

Nice shots!

Is that the Radio Shack FM Turnstile?

I was wondering if that would work...

Did you modify it?

Nice work!

2366. Re: Got some nice images from Resurs today.

Newsgroup: rec.radio.amateur.space
Date: 2000-09-27 04:23:58 UTC
From: Hercules <hercules@coolmail.net>
Message-ID: <yDeA5.20443$3R6.402951@news.infostrada.it>
Source record: 8392

Do you really believe that the pictures you're showing are NICE !?!?!? The Resurs picture seems taken by a system of 30 years ago ! Just throw away your toy receiver and buy a real 137 MHz rx and do not discourage the fellows wanting to start and watching your poor pictures.

Best 73s,

H

"Tom G." <tegwilym@wolfenet.com> wrote in message news:jQ_y5.1013$hV.402767@den-news1.rmi.net...
> I'm getting better images all the time now! Check out my latest at
> www.geocities.com\tegwilym
>
> Next....NOAA-L!
>
> Great fun!
>
> Tom KA7VIK
>
>
>
>
>

2367. Re: Quiktrak5.0

Newsgroup: rec.radio.amateur.space
Date: 2000-09-28 01:25:23 UTC
From: "Gary \"Joe\" Mayfield" <gary_mayfield@hotmail.com>
Message-ID: <76xA5.5959$Hp3.1649738@news1.rdc1.ne.home.com>
Source record: 8301

Yes,

It works pretty much the same. There have been some improvments,
easier to load keps, etc.

73,
Joe
"thomas krohn" <tkrohn@intergrafix.net> wrote in message
news:39D27EEA.BADFA506@intergrafix.net...
> Anyone using Quiktrak5.0 just brought out by AMSAT? I was wondering if
> it works the same as my old Quiktrak4.0. Tom K3IJ.
>

2368. Re: FA: Counterespionage Microwave Radio Receiver - MIB item

Newsgroup: rec.radio.amateur.space
Date: 2000-09-28 02:43:00 UTC
From: wb4lnm@aol.com
Message-ID: <20000927224300.01491.00000201@ng-df1.aol.com>
Source record: 8302

You're dreaming. That price is astronomical. It is not worth a tenth of that price.

2369. Re: N9AVG Web page & AvantGo Down????

Newsgroup: rec.radio.amateur.space
Date: 2000-09-28 03:20:13 UTC
From: swaves101@aol.com
Message-ID: <20000927232013.08601.00000208@ng-fd1.aol.com>
Source record: 8303

I used avant go earlier today with no problems

2370. Re: P3D to fly October 31st

Newsgroup: rec.radio.amateur.space
Date: 2000-09-28 05:33:26 UTC
From: Rickhit@worldnet.att.net
Message-ID: <39d2d79b.388988245@netnews.worldnet.att.net>
Source record: 8304

On Tue, 26 Sep 2000 10:57:54 -0500, "Craig L. Patterson"
<craiglp@swbell.net> wrote:

>ArianeSpace has announced it's upcoming launches. The next Ariane 5,
>carrying P3D, is scheduled to launch on October 31st.
>
>KC0CGF
>
One Thing I can Say: Please Ariane 5, don't blow up!!!

I'v seen the Ariene 5 CATO on the Discovery Channel due to a Software
error.

Rick KC2ESD

2371. Re: Scientific Atlanta Receiver Series 9600

Newsgroup: rec.radio.amateur.space
Date: 2000-09-29 00:00:00 UTC
From: JR <jmrosa@mail.telepac.pt>
Message-ID: <8r2uqn$2i7$1@venus.telepac.pt>
Source record: 8305

Do you have technical specs ?

jmrosa@mail.telepac.pt
<dejarsm@my-deja.com> escreveu na mensagem
news:8qi8gmmeu1@nnrp1.deja.com...
> Does anyone know if there is any value in this receiver...have two just
> sitting on a shelf and can't put up a dish due to the restrictions
> where I live.
>
> Thanks!
>
>
> Sent via Deja.com http://www.deja.com/
> Before you buy.

2372. B.U,I.L,D. ,Y.O,U.R, .O,W.N, .C,A.B,L.E, .D,E.S,C.R,A.M,B.L,E.R,.,,,,,, 6507

Newsgroup: rec.radio.amateur.space
Date: 2000-09-30 00:00:00 UTC
From: piulps@dfdfdgdf.com
Message-ID: <ModB5.67466$LH4.499607@telenews.teleline.es>
Source record: 8307
Cross-posted to: rec.radio.amateur.space,rec.radio.amateur.swap
Body handling: 1 long encoded or obfuscated payload line was not displayed

L.EGAL C.A.B.L.E TV DE-S.C.R.A.M.B.L.E.R

Want to watch Sporting Events?--Movies?--Pay-Per-View??

*This is the Famous R-O Shack TV D.e.s.c.r.a.m.b.l.e.r

You can assemble it from R,a,d,i,o S,h,a,c,k parts for about $12 to $15.

We Send You:

1, E-Z To follow Assembly Instructions.

2. E-Z To read Original Drawings.

3. Total Parts List.

**** PLUS SOMETHING NEW YOU MUST HAVE! ****

Something you can't do without.

THE UP-TO-DATE 6 PAGE REPORT:

USING A D-E-S-C-R-A-M-B-L-E-R LEGALLY

Warning: You should not build a T.V D.e.s.c.r.a.m.b.l.e.r

without reading this report first.

You get the complete 6 page report "Using a D-e-s-c-r-a-m-b-l-e-r LEGALLY",

the instruction plans and theeasy to follow diagram all for just--$10.00

Fill out form below and send it, along

with your $10.00 payment to:

C-a-b-l-e-F-R-E-E-TV

1342 East Vine Str #218

Kissimmee Fl 34744

(Cash, Check or Money Order.)

(Florida residents include 7% Florida State Sales Tax)

(All orders outside the U.S.A. add $5.00)

PRINT YOUR:

NAME_____

ADDRESS_____

CITY/STATE/ZIP_____

E-MAIl ADDRESS_____

We are NOT ASSOCIATED in any way with R-A-D-I-O S-H-A-C-K.

4rwerwer24534ty5tgertrwetertertretrtre

[Long encoded or obfuscated payload not displayed]

2373. Fiberglass crossboom and grounding

Newsgroup: rec.radio.amateur.space
Date: 2000-09-30 00:00:00 UTC
From: ka9clp@my-deja.com
Message-ID: <8r45icdve1@nnrp1.deja.com>
Source record: 8308

I am putting up a set of crossed yagi antenna for Phase 3D. One is 2 meter the other is 70 cm. My question is this. The crossboom I am using is fiberglass. In order to ground the 2 antenna, should I just ground the braid on the coax of each to my lightening rod or connect a copper braid between the 2 antenna and then ground that. My old set up had a aluminum crossboom, so it was not a problem.I just grounded the mast and the crossboom.

Any ideas or suggestions would be appreciated.

Email me at pinkawa@mediaone.net

Thanks
Mike KA9CLP

Sent via Deja.com http://www.deja.com/
Before you buy.

2374. Porche Boxter or Luxury Cruise Earn $$$ In Days This Works!!!

Newsgroup: rec.radio.amateur.space
Date: 2000-09-30 00:00:00 UTC
From: donald453@bbc.co.UK
Message-ID: <200009300759.QAA03961@www.daemyung.co.kr>
Source record: 8309

Dear Friend,

Thank you for your time and interest. This email contains the ENTIRE PLAN of how YOU can make $50,000 or more in the next 90 days simply sending email! Seem impossible? Just read on and see how easy this is...

Due to the popularity of this letter on the Internet a major nightly news program recently devoted an entire show to the investigation of the program described below to see if it really can make people money. The show also investigated whether or not the program was legal. Their findings proved that there are absolutely no laws prohibiting the participation in the program. This has helped to show people that this is a simple, harmless and fun way to make some extra money at home. The results have been truly remarkable. So many people are participating that those involved are doing much better than ever before. Since everyone makes more as more people try it out, it's been very exciting. You will understand once you try it yourself!

**********THE ENTIRE PLAN IS HERE BELOW**********

Print This Now For Future Reference

$$$

If you would like to make at least $50,000 in less than 90 days Please read this program...THEN READ IT AGAIN!!!

$$$

THIS IS A LEGITIMATE, LEGAL, MONEY MAKING OPPORTUNITY!!! It does NOT require you to come into contact with people or make or take any phone calls. Just follow the instructions, and you will make money. This simplified e-mail marketing program works perfectly, 100% EVERY TIME! Email is the sales tool of the future. Take advantage of this virtually free method of advertising NOW!!! The longer you wait, the more people will be doing business using email. Get your piece of this action!!!

~~~~~~

Before you delete this program from your in-box, as I almost did, take a little time to read it and REALLY
~~~~~~

THINK ABOUT IT. Get a pencil and figure out what could happen when YOU participate. Figure out the worst possible response and no matter how you calculate it, you will still make a lot of money! You will definitely get back what you invested. Any doubts you have will vanish when your first orders come in.

$$$ IT WORKS $$$

Jody Jacobs Richmond, VA

~~~~~~

HERE'S HOW THIS AMAZING PROGRAM WILL
MAKE YOU THOUSANDS OF DOLLARS $$$$!!!!

This method of raising capital REALLY WORKS 100% EVERYTIME. I am sure that you could use up to $50,000 or more in the next 90 days. Before you say, "BULL..." please read this program carefully. This is not a chain letter, but a perfectly legal money making business.

As with all multi-level businesses, we build our business by recruiting new partners and selling our products. Every state in the USA allows you to recruit new multi-level business partners, and we sell and deliver a product for EVERY dollar received. YOUR ORDERS COME BY MAIL AND ARE FILLED BY E-MAIL, so you are not involved in personal selling. You do it privately in your own home, store or office. This is the EASIEST marketing plan anywhere! It is simply order filling by email!

****

The product is informational and instructional material containing the secrets on how to open the doors to the magic world of E-COMMERCE, the information highway, the wave of the future!

PLAN SUMMARY:
(1) You order the 4 reports listed below ($5 each) which come to you by e-mail.

(2) Save a copy of this entire letter and put your name after Report #1 and move the other names down.

(3) Access Yahoo.com or any of the other major search engines to locate hundreds of bulk email service companies (search for "bulk email") and have them send 25,000 - 50,000 emails for you (amount $49+)

(4) Orders will come to you by postal mail -simply email them the report they ordered.
~~~~~~

Let me ask you - isn't this about as easy as it gets?

****

YOU CAN START TODAY-JUST DO THESE EASY STEPS:

STEP #1: ORDER THE FOUR REPORTS

Order the 4 reports shown on the list below (you can't sell them if you don't order them) For each report, send $5.00 CASH, the NAME & NUMBER OF THE REPORT YOU ARE ORDERING, YOUR E-MAIL ADDRESS, and YOUR NAME AND RETURN ADDRESS (in case of a problem) to the person whose name appears on the list next to the report. MAKE SURE YOUR RETURN ADDRESS IS ON YOUR ENVELOPE IN CASE OF ANY MAIL PROBLEMS!

Within a few days you will receive, by email, each of the 4 reports. Save them on your computer so you can send them to the 1,000's of people who will order them from you.

STEP #2: ADD YOUR MAILING ADDRESS TO THIS LETTER
a. Look below for the listing of the four reports.

b. After you've ordered the 4 reports, delete the name and address under Report #4. This person has made it through the cycle.

c. Move the name and address under REPORT #3 down to REPORT #4.

d. Move the name and address under REPORT #2 down to REPORT #3.

e. Move the name and address under REPORT #1 down to REPORT #2.

f. Insert your name/address in the REPORT #1 position.

STEP #3: Take this entire letter, including the modified list of names, and save it to your computer. Make NO changes to these instructions. Now you are ready to use this entire email to send by email to prospects.

Report #1 will tell you how to download bulk email software and email addresses so you can send it out to thousands of people while you sleep! Remember that 50,000+ new people are joining the Internet every month. Your cost to participate in this is practically nothing surely you can afford $20 and initial bulk

mailing cost. You obviously already have a computer and an Internet connection and email is FREE!

There are two primary methods of building your down-line:

METHOD #1: SENDING BULK EMAIL. Let's say that you decide to start small, just to see how it goes, and we'll assume you and all those involved email out only 2,000 each. Let's also assume that the mailing receives a 0.5 response. The response could be much better. Also, many people will email out hundreds of thousands of programs instead of 2,000(Why stop at 2,000?) But continuing with this example you send out only 2,000 programs. With a 0.5% response, that is only 10 orders for REPORT #1. Those 10 people respond by sending out 2,000 programs each for a total of 20,000. Out of those 0.5% 100 people respond and order REPORT #2. Those 100 mail out 2,000 programs each for a total of 200,000. The 0.5% response to that is 1,000 orders for REPORT #3. Those 1,000 send out 2,000 programs each for a 2,000,000 total. The 0.5% response to that is 10,000 orders for REPORT #4. That's 10,000 $5 bills for you CASH!!!

Your total income in this example is $50 + $500 + $50,000 for a total of $55,550!!!

REMEMBER FRIEND, THIS IS ASSUMING 1,990 out of 2,000 PEOPLE YOU MAIL TO WILL DO ABSOLUTELY NOTHING AND TRASH THIS PROGRAM! DARE TO THINK FOR A MOMENT WHAT WOULD HAPPEN IF EVERYONE, OR HALF SENT OUT 100,000 PROGRAMS INSTEAD OF 2,000. Believe me, many people will do just that, and more!

METHOD #2 - PLACING FREE ADS ON THE INTERNET

Advertising on the Internet is very, very inexpensive, and there are HUNDREDS of FREE places to advertise. Let's say you decide to start small just to see how well it works. Assume your goal is to get ONLY 10 people to participate on your first level. (Placing a lot of FREE ads on the Internet will EASILY get a larger response) Also assume that everyone else in YOUR ORGANIZATION gets only 10 down-line members. Look how this small number accumulates to achieve the STAGGERING results below:

1st level--your first 10 send you $5.......$50

2nd level-10 members from those($5x100)....$500

3rd level-10 members from those($5x1000)...$5,000

4th level-10 members from those($5x10000)..$50,000

$$$$$$$$$THIS TOTALS-------------$55,550 $$$$$$$$$$$$$

AMAZING ISN'T IT? Remember friends, this assumes
that the people who participate only recruit 10
people each. Think for a moment what would happen
if they got 20 people to participate! Most people
get 100's of participants and many will continue
to work this program, sending out programs WITH
YOUR NAME ON THEM for years!

~~~~~~

People are going to get emails about this plan
from you or somebody else and many will work
this plan-the question is-Don't you want your
name to be on the emails they will send out?

DON'T MISS OUT!!!JUST TRY IT ONCE!!!***

SEE WHAT HAPPENS!!!YOU'LL BE AMAZED!!!***

~~~~~~

ALWAYS PROVIDE SAME-DAY SERVICE ON ALL ORDERS!

This will guarantee that the email THEY send out
with YOUR name and address on it will be prompt
because they can't advertise until they receive
the report!

~~~~~~

GET STARTED TODAY: PLACE YOU ORDER FOR
THE FOUR REPORTS!

Notes: ALWAYS SEND $5 CASH(US CURRENCY) FOR
EACH REPORT. CHECK NOT ACCEPTED. Make sure
the cash is concealed by wrapping it in two
sheets of paper. On one of those sheets write:
(a)the number & name of the report you are ordering,
(b)your email address, and
(c)your name & postal address.

REPORT #1 "The Insider's Guide to Advertising for
Free on the Internet!

ORDER REPORT #1 FROM:

GARRY DEAN

309 A HUTTO
~~~~~~

KENAI, AK 99611-7829

REPORT #2: "The Insider's Guide to Sending
Bulk E-mail on the Internet"

ORDER REPORT #2 FROM:

DAVID WEBBER

6307 CALIFORNIA AVE. SW

APT # 1B

SEATTLE, WA 98136

REPORT #3: "The Secrets to Multilevel Marketing
on the Internet"

ORDER REPORT #3 FROM:

KATHY BARROW

410 SYCAMORE ST..

CONWAY, SC 29527

REPORT #4 "How to become a Millionaire
utilizing the Power of Multilevel Marketing
and the Internet"

ORDER REPORT #4 FROM:

PAM BARESSI

3321 WILLIAM JOHNSTON LANE #11

DUMFRIES, VA 22026

*********TIPS FOR SUCCESS*************

TREAT THIS AS YOUR BUSINESS! Be prompt,
professional, and follow directions accurately.
Send for the four reports IMMEDIATELY so you
will have them when the orders start coming in
because: When you receive a $5 order, you MUST
send out the requested product/report. It is
required for this to be a legal business and they
need the reports to send out their letters(with your
name on them!) - ALWAYS PROVIDE SAME-DAY SERVICE
ON THE ORDERS YOU RECEIVE. Be patient and persistent
with this program - If you follow the instructions
exactly-results will follow$$$.

*********YOUR SUCCESS GUIDELINES***************

Follow these guidelines to guarantee your success:
If you don't receive 20 orders for REPORT #1 within

2 weeks continue advertising or sending out emails
until you do. Then, a couple of weeks later you
should receive at least 100 orders for REPORT #2.
If you don't, continue advertising or sending out
emails until you do. Once you have received 100
or more orders for REPORT #2, YOU CAN RELAX,
because the system is already working for you, and
the cash will continue to roll in! THIS IS IMPORTANT
TO REMEMBER: Every time your name is moved down on
the list, you are placed in front of a DIFFERENT
report. You can KEEP TRACK of your PROGRESS by
watching which report people are ordering from you.
To generate more income, simply send another batch
of emails or continue placing ads and start the
whole process again! There is no limit to the
income you will generate from this business!

==========

Under Bill S. 1618TITLE III passed by the 105th US
Congress this letter cannot be considered spam as
long as the sender includes contact information and a
method of removal. This is one time e-mail transmission.
No request for removal is necessary.

_____

2375. Re: Fiberglass crossboom and grounding

Newsgroup: rec.radio.amateur.space
Date: 2000-09-30 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8tbbe7.e5j.nomail@linux.pe1chl.ampr.org>
Source record: 8310

ka9clp@my-deja.com <ka9clp@my-deja.com> wrote:
>I am putting up a set of crossed yagi antenna for
>Phase 3D. One is 2 meter the other is 70 cm. My
>question is this. The crossboom I am using is
>fiberglass. In order to ground the 2 antenna,
>should I just ground the braid on the coax of each
>to my lightening rod or connect a copper braid
>between the 2 antenna and then ground that. My old
>set up had a aluminum crossboom, so it was not a
>problem.I just grounded the mast and the crossboom.

When you put wires (also the coax) on/through the fiberglass crossboom,
you can just as well use aluminium. The wires may be somewhat thinner
but they still run trough the antenna field and distort the pattern.

The only good way to lead off the wires (unfortunately) is to let them
hang off the rear end of the antenna booms. Look at a picture of the
MASPRO 2/70 crossed yagi system.
Of course this setup is ugly, and a problem in windy areas.

For lightning protection this may be even more problematic, as you will
need to run the protection wires as straight as possible. I have no
good answer to that. Grounding the coax braid isof course the minimum
that you would do in any case (at the feedthrough on entry into the house)

When I had crossed yagis, I used a metal crossboom. It affected the
pattern, but I simply did not want to solve all these problems of the
fiber boom.

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

2376. DSP-12 - a good P3D 400 Bd TLM receive modem

Newsgroup: rec.radio.amateur.space
Date: 2000-09-30 00:00:00 UTC
From: Bent Bagger <bentbagger@my-deja.com>
Message-ID: <8r4mal$ob3$1@nnrp1.deja.com>
Source record: 8311

Now is the time to dust of that DSP-12 which is sitting on your shelf
and prepare for the upcoming launch of P3D, because here is some good
news for all you DSP-12 owners:

I have uploaded a modified version of the 400 Bd PSK modem for the
DSP-12 to the following URL:
ftp://ftp.tapr.org/dsp/Motorola/dsp56001/dsp-12.

The modification consists of a change to the software so that it sends
514 bytes rather than 512 to the listening program. In this way also the
CRC bytes will get transmitted to the listening program.

The modified modem has been tested by Stacey Mills, W4SM, and he has
this to say about the modem:

"I burned the new eproms and checked out the 400 baud PSK demodulator
with 514 byte capacity. It works very well... Actually, very, very
well. In fact, doing some tests with some 400 baud PSK wave files that
I have generated, having a calibrated background noise, the DSP-12
functioned as well or better than any other modem I have tested"

The file gce201.zip contains these files:

READ.ME
GCE.V40 - Executable that may be downloaded to the DSP-12
GCE.B - PROM image for the B-PROM. Checksum: $1900
GCE.D - PROM image for the D-PROM. Checksum: $5000
GCE.F - PROM image for the F-PROM. Checksum: $4900

Have fun.

Best 73 de Bent/OZ6BL
(also oz6bl@amsat.org)

Sent via Deja.com http://www.deja.com/
Before you buy.

2377. recieving the UO-14 distance wise?

Newsgroup: rec.radio.amateur.space
Date: 2000-09-30 00:43:47 UTC
From: wb2rxf@my-deja.com
Message-ID: <8r3d02$s48$1@nnrp1.deja.com>
Source record: 8306

I notice that I can hear the bird when its over land much better than
when its over the ocean. With a few fades I was able to here it, at last
measured 3200 miles to the north from brooklyn ny. Mind you I use a
homebrew 16-element yagi for 435MHZ and a 13b2 for transmit. Should I
put my antennas on a elevation rotator to make the over the ocean pass
or just purchase an eggbeater for recieve and a preamp? Or is it even
worth the effort and everybody has the same results...?
PS: If I could recieve it as well over the ocean as I can when it goes
north of me Id be a really happy ham camper.
Any Suggestions ??
WB2RXF NYC.

Sent via Deja.com http://www.deja.com/
Before you buy.

2378. Re: Scientific Atlanta Receiver Series 9600

Newsgroup: rec.radio.amateur.space
Date: 2000-10-01 00:00:00 UTC
From: dejarsm@my-deja.com
Message-ID: <8r7cdujtv1@nnrp1.deja.com>
Source record: 8312

That's what I'm looking for ....SA's site is of no use....got any
suggestions?

In article <8r2uqn$2i7$1@venus.telepac.pt>,
"JR" <jmrosa@mail.telepac.pt> wrote:
> Do you have technical specs ?
>
> jmrosa@mail.telepac.pt
> <dejarsm@my-deja.com> escreveu na mensagem
> news:8qi8gmmeu1@nnrp1.deja.com...
> > Does anyone know if there is any value in this receiver...have two
just
> > sitting on a shelf and can't put up a dish due to the restrictions
> > where I live.
> >
> > Thanks!
> >
> >
> > Sent via Deja.com http://www.deja.com/
> > Before you buy.
>
>

Sent via Deja.com http://www.deja.com/
Before you buy.

2379. Re: Scientific Atlanta Receiver Series 9600

Newsgroup: rec.radio.amateur.space
Date: 2000-10-01 00:00:00 UTC
From: Jim Jerzycke <kq6ea@amsat.org>
Message-ID: <39D734A2.D9777648@amsat.org>
Source record: 8313

If it's an analog L-Band input receiver it might be usable for ATV.
Check the ARRL Repeater Guide for L-Band (1.2 GHz) ATV repeaters in your
area, and give it a try. I couldn't find any reference to it on
Scientific Atlanta's website, so I assume it's an older "consumer"
model. How do you enter the frequency? By satellite name and transponder
number, or can you directly enter the C-Band downlink? All of the analog
receivers I use at work will take either the C-Band input freq,
transponder number, or the L-Band output freq from the LNB.
73, Jim

2380. Re: Scientific Atlanta Receiver Series 9600

Newsgroup: rec.radio.amateur.space
Date: 2000-10-01 00:00:00 UTC
From: Gregory Beat <gregory.beat@mediaone.net>
Message-ID: <G9PB5.155$k4.27541@elnws01>
Source record: 8314

I will check, I think I have the user's manual for mine (which I think is
the 9600)

gb

<dejarsm@my-deja.com> wrote in message news:8r7cdujtv1@nnrp1.deja.com...
> That's what I'm looking for ....SA's site is of no use....got any
> suggestions?
>
>
> In article <8r2uqn$2i7$1@venus.telepac.pt>,
> "JR" <jmrosa@mail.telepac.pt> wrote:
> > Do you have technical specs ?
> >
> > jmrosa@mail.telepac.pt
> > <dejarsm@my-deja.com> escreveu na mensagem
> > news:8qi8gmmeu1@nnrp1.deja.com...
> > > Does anyone know if there is any value in this receiver...have two
> just
> > > sitting on a shelf and can't put up a dish due to the restrictions
> > > where I live.
> > >
> > > Thanks!
> > >
> > >
> > > Sent via Deja.com http://www.deja.com/
> > > Before you buy.
> >
> >
>
>
> Sent via Deja.com http://www.deja.com/
> Before you buy.

2381. Re: recieving the UO-14 distance wise?

Newsgroup: rec.radio.amateur.space
Date: 2000-10-02 00:00:00 UTC
From: n3zll@amsat.org
Message-ID: <39d8bec7.8687843@news.iximd.com>
Source record: 8316

On Sat, 30 Sep 2000 00:43:47 GMT, wb2rxf@my-deja.com wrote:

>I notice that I can hear the bird when its over land much better than
>when its over the ocean. With a few fades I was able to here it, at last
>measured 3200 miles to the north from brooklyn ny. Mind you I use a
>homebrew 16-element yagi for 435MHZ and a 13b2 for transmit. Should I
>put my antennas on a elevation rotator to make the over the ocean pass
>or just purchase an eggbeater for recieve and a preamp? Or is it even
>worth the effort and everybody has the same results...?
>PS: If I could recieve it as well over the ocean as I can when it goes
>north of me Id be a really happy ham camper.
>Any Suggestions ??
>WB2RXF NYC.
>
>
>Sent via Deja.com http://www.deja.com/
>Before you buy.

You shouldn't have any problems working to the East, I myself have
worked stations in the AZORES and Iceland using a rubberduck and HT
from Northeastern Maryland.

73

Will
N3ZLL
FM29

2382. Re: B.U,I.L,D. ,Y.O,U.R, .O,W.N, .C,A.B,L.E, .D,E.S,C.R,A.M,B.L,E.R,.,,,,,, 6507

Newsgroup: rec.radio.amateur.space
Date: 2000-10-02 00:00:00 UTC
From: marsgal42@hotmail.com
Message-ID: <8rarb4$848$1@nnrp1.deja.com>
Source record: 8317
Cross-posted to: rec.radio.amateur.space,rec.radio.amateur.swap

In article <mJQB5.15614$O95.1155930@typhoon.tampabay.rr.com>,
"Robert" <spam@less.com> wrote:
> Save your money. Get it for free here:
>
> http://www.hackerscatalog.com/plans.htm

With, no doubt, the same stellar performance. :-)

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..." - Hospital/Shafte

Sent via Deja.com http://www.deja.com/
Before you buy.

2383. Re: B.U,I.L,D. ,Y.O,U.R, .O,W.N, .C,A.B,L.E, .D,E.S,C.R,A.M,B.L,E.R,.,,,,,, 6507

Newsgroup: rec.radio.amateur.space
Date: 2000-10-02 00:33:22 UTC
From: Robert <spam@less.com>
Message-ID: <mJQB5.15614$O95.1155930@typhoon.tampabay.rr.com>
Source record: 8315
Cross-posted to: rec.radio.amateur.space,rec.radio.amateur.swap

Save your money. Get it for free here:

http://www.hackerscatalog.com/plans.htm

<piulps@dfdfdgdf.com> wrote in message
news:ModB5.67466$LH4.499607@telenews.teleline.es...
> L.EGAL C.A.B.L.E TV DE-S.C.R.A.M.B.L.E.R
>

2384. Re: License renewal

Newsgroup: rec.radio.amateur.space
Date: 2000-10-03 00:00:00 UTC
From: Old Biker <enfield@3n.net>
Message-ID: <39D9E69E.EBA2B7AD@3n.net>
Source record: 8320
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

> dalenabi@camalott.com wrote:
> >I haven't been active for a while and have forgotten which form is
> >required to renew my license. Is there a web site where I can pick this
> >up?
> >
> >Thanks in advance;

<http://svartifoss.fcc.gov:8080/cgi-bin/ws.exe/prod/efpa/forms/900/900_Form.hts>

2385. Re: License renewal

Newsgroup: rec.radio.amateur.space
Date: 2000-10-03 00:00:00 UTC
From: CAM <cam2338@bigfoot.com>
Message-ID: <39D9E9EF.7FAA13F7@bigfoot.com>
Source record: 8321
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.amateur.space

Roger Wilko wrote:
> Now that we have restructuring, just write your callsign on a piece of toilet
> paper, it's the same difference!

You're right. I just wrote my callsign on a piece of toilet
paper and nothing changed.
--
http://www.mindspring.com/~w6rca

2386. Hams onboard ISS?

Newsgroup: rec.radio.amateur.space
Date: 2000-10-03 00:00:00 UTC
From: glueck@saturn.caps.maine.edu
Message-ID: <8rdo6h$n7i$2@rupert.unet.maine.edu>
Source record: 8322

When are the Amateuar stations scheduled to go up on the ISS, and which modes will operate first?

This may be the only way to get new HAMS into our hobby in the future!

2387. Phase 3 D AMSAT informations

Newsgroup: rec.radio.amateur.space
Date: 2000-10-03 00:00:00 UTC
From: cesare <cecaprar@tin.it>
Message-ID: <8rddor$i3b$2@nslave2.tin.it>
Source record: 8323

Dear OM,here below the informations from AMSAT regarding the P3D launch :

Phase 3D Launch Status
AMSAT News Service is pleased to report an Arianespace Ariane 5 launch vehicle has successfully delivered a pair of communications satellites into Earth orbit. AR-506 placed the Astra 2B and GE-7 satellites into the desired geostationary transfer orbit after a spectacular launch from the European Spaceport in Kourou, French Guiana.

The launch took place Thursday, September 14, 2000 at 22:54 UTC.

The Astra 2B satellite will broadcast digital TV programs throughout Europe. The GE-7 satellite will primarily provide radio and Internet transmission services for North America and the Caribbean.

Following the successful launch of AR-506, Arianespace and AMSAT-DL have announced that V-507 is scheduled not to occur before November 3, 2000. Aboard this flight will be the AMSAT Phase 3D communications satellite, which is now undergoing final preparation at the Kourou launch site.

According to AMSAT-DL Executive Vice President Peter Guelzow, DB2OS, who is leading the launch team, the advance members of the launch team arrived in Kourou on September 9th. Most importantly, they have ascertained that Phase 3D appears to be in excellent condition.

Tests of Phase 3D's systems are now underway, including charging of the satellite batteries. The launch team has successfully performed pressure tests on the propulsion systems and are now preparing P3D for RF testing.

AMSAT-NA Executive Vice President Robin Haighton, VE3FRH, informed ANS the Phase 3D launch team is awaiting the provision of electronic mail in Kourou which will enable more frequent bulletins to be provided.

Stay tuned to ANS for additional bulletins from AMSAT, the official source for information on the Phase 3D Launch.

[ANS thanks AMSAT-DL and AMSAT-NA for this information]

Best regards and hope to meet you on the satellite soon. 73 de I2JZ, Milan, Italy

2388. Re: NOAA-16

Newsgroup: rec.radio.amateur.space
Date: 2000-10-03 00:00:00 UTC
From: "Tom G." <tegwilym@wolfenet.com>
Message-ID: <reAC5.1247$r6.770683@den-news1.rmi.net>
Source record: 8324

I set up my radio on 137.62 to record signals from Noaa-16, and also can get Noaa-14 at the same time. I just set up my software to record both of them. I then get twice as many images each day!

Unkeb <unkeb@aol.com> wrote in message news:20001003225351.10808.00000110@ng-ct1.aol.com...
> Noaa 16 uses the same as Noaa 14

2389. Re: Anybody here near the KSC complex in florida?.

Newsgroup: rec.radio.amateur.space
Date: 2000-10-03 04:50:36 UTC
From: Gary Sanford <sanford1@sprynet.com>
Message-ID: <56pitsk8v0s6hri5lsrejfv04atqqti3oc@4ax.com>
Source record: 8318

On Sun, 24 Sep 2000 04:57:10 -0500, Matthew Travis
<landofgrey@gnc.net> wrote:

>Unfortunately, I work for a contractor off KSC so I am relegated to
>watching from NASA Causeway.

Actually, my favorite launches are the Deltas. Public viewpoints
include Jetty Park, which is about 2-3 miles south of the Delta
pads. That's about as close as you can get.

~~~~~~~~~~~~~~~~
Gary Sanford
sanford1@spectradyne.com (pgp public key available)
~~~~~~~~~~~~~~~~

2390. Re: License renewal

Newsgroup: rec.radio.amateur.space
Date: 2000-10-03 05:43:27 UTC
From: getting-out@CB.com
Message-ID: <breaker_cb@ten-four-good-buddy>
Source record: 8319
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.amateur.space

In article <8r820e$35j$1@nnrp1.deja.com>, dalenabi@camalott.com wrote:
>I haven't been active for a while and have forgotten which form is
>required to renew my license. Is there a web site where I can pick this
>up?
>
>Thanks in advance;
>
>D.W.
Now that we have restructuring, just write your callsign on a piece of toilet
paper, it's the same difference!

And don't forget to ask for your piece of poop League membership too.

2391. Re: Phase 3 D AMSAT informations

Newsgroup: rec.radio.amateur.space
Date: 2000-10-04 00:00:00 UTC
From: Cathryn Mataga <cathryn@junglevision.com>
Message-ID: <39DAF40A.85D13997@junglevision.com>
Source record: 8329

cesare wrote:
> Tests of Phase 3D's systems are now underway, including charging of the
> satellite batteries. The launch team has successfully performed pressure
> tests on the propulsion systems and are now preparing P3D for RF testing.

Wow, it's really happening. It's actually a little intense -- so much
work
leading up to this launch. Hope it goes well. Are the old estimates
for
what the orbit would look like still valid?

2392. Re: Phase 3 D AMSAT informations

Newsgroup: rec.radio.amateur.space
Date: 2000-10-04 00:00:00 UTC
From: "R.L. Tannehill, P.E." <rickw7rt@firstinter.net>
Message-ID: <39DB62DE.8D265CC5@firstinter.net>
Source record: 8330

Cathryn Mataga wrote:
>
> cesare wrote:
> > Tests of Phase 3D's systems are now underway, including charging of the
> > satellite batteries. The launch team has successfully performed pressure
> > tests on the propulsion systems and are now preparing P3D for RF testing.
>
> Wow, it's really happening. It's actually a little intense -- so much
> work
> leading up to this launch. Hope it goes well. Are the old estimates
> for
> what the orbit would look like still valid?

Only for when it achieves final orbit. That is likely a year away. The intermediate orbits between now and then will have keps adjusted weekly for what are anticipated to be fairly substantial changes. It won't be in the same place in the sky every 48 hours over North America for quite some time.

Rick T.
W7RT

2393. Re: License renewal

Newsgroup: rec.radio.amateur.space
Date: 2000-10-04 00:00:00 UTC
From: Bob Wex w2ilp <w2ilp@juno.com>
Message-ID: <8rg8ua$n1m$1@nnrp1.deja.com>
Source record: 8331
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.amateur.space

In article <breaker_cb@ten-four-good-buddy>,
getting-out@CB.com (Roger Wilko) wrote:
> In article <8r820e$35j$1@nnrp1.deja.com>, dalenabi@camalott.com wrote:
> >I haven't been active for a while and have forgotten which form is
> >required to renew my license. Is there a web site where I can pick
this
> >up?
> >
> >Thanks in advance;
> >
> >D.W.
> Now that we have restructuring, just write your callsign on a piece
of toilet
> paper, it's the same difference!
>
> And don't forget to ask for your piece of poop League membership too.
>
Now now ...I wouldn't say that.
Don't give up on Ham Radio just because of the present licensing
format....and the present leadership. Ham Radio may still become an
educational technical hobby in the future as it was in the past.

Hams need more license classes and/or technical endorsements.

Bob Wex w2ilp (Increase License Potential)

Today you can go to a gas station and find
the cash regisdter open and the toilets
locked. They must think that toilet
paper is worth more than money.
--Joey Bishop--

Enuf of this toilet humor. Renew your Ham
license and as for toilet paper...flushit!
--w2ilp--

Sent via Deja.com http://www.deja.com/
Before you buy.

2394. Re: Hams onboard ISS?

Newsgroup: rec.radio.amateur.space
Date: 2000-10-04 01:15:52 UTC
From: TomR@astro.net
Message-ID: <39da845b.35537112@news.idsi.net>
Source record: 8325

On 3 Oct 2000 22:56:17 GMT, glueck@saturn.caps.maine.edu (Richard Glueck) wrote:

>
>When are the Amateuar stations scheduled to go up on the ISS, and which
>modes will operate first?

The first live in crew late this year. More than likely phone mode will be used first until the packet station is set-up.

>This may be the only way to get new HAMS into our hobby in the future!

Unless we start promoting the hobby more ourselve's...

73,

Tom - KB2SMS

2395. Re: NOAA-16

Newsgroup: rec.radio.amateur.space
Date: 2000-10-04 02:53:51 UTC
From: unkeb@aol.com
Message-ID: <20001003225351.10808.00000110@ng-ct1.aol.com>
Source record: 8326

Noaa 16 uses the same as Noaa 14

2396. Re: Got some nice images from Resurs today.

Newsgroup: rec.radio.amateur.space
Date: 2000-10-04 03:15:52 UTC
From: unkeb@aol.com
Message-ID: <20001003231552.10808.00000112@ng-ct1.aol.com>
Source record: 8327

On Mon, 25 Sep 2000 19:44:20 -0400, "Jim Shaffer, Jr."
<jshaffer@mail.csrlink.net> wrote:
>On Mon, 25 Sep 2000 16:52:19 GMT, tegwilym@my-deja.com wrote:
>>I was having power line inferferrence also (until it mostly went away
>>this weekend), but I'm afraid they will think I am some kind of wacko
>>if I call and ask about it. Too bad they don't share the fun we have
>>with our radios!

I had the same problem here in South Florida. When I called FPL and told them of the problem they did not know what to tell me, What you do is ask for the Radio Interference Department, First they send out in two to three weeks a repairman to check it out, then he in returns gets a hold of the Radioman another two to three weeks after that if their is noisy lines they will repair them. Badly connect lines that have bad connections or are leaking is against the law and they have to fix the problem leaking powerlines are not a problem around my area any more, I now have the phone number to the radio repairman's home. so call your Power Company it may take a while but they have to fix it, Good luck Barry B

2397. Re: recieving the UO-14 distance wise?

Newsgroup: rec.radio.amateur.space
Date: 2000-10-04 04:26:19 UTC
From: wb2rxf@my-deja.com
Message-ID: <8rebh7$3o6$1@nnrp1.deja.com>
Source record: 8328

In article <39d8bec7.8687843@news.iximd.com>,
n3zll@amsat.org wrote:
> On Sat, 30 Sep 2000 00:43:47 GMT, wb2rxf@my-deja.com wrote:
>
> >I notice that I can hear the bird when its over land much better than
> >when its over the ocean. With a few fades I was able to here it, at
last
> >measured 3200 miles to the north from brooklyn ny. Mind you I use a
> >homebrew 16-element yagi for 435MHZ and a 13b2 for transmit. Should I
> >put my antennas on a elevation rotator to make the over the ocean
pass
> >or just purchase an eggbeater for recieve and a preamp? Or is it even
> >worth the effort and everybody has the same results...?
> >PS: If I could recieve it as well over the ocean as I can when it
goes
> >north of me Id be a really happy ham camper.
> >Any Suggestions ??
> >WB2RXF NYC.
> >
> >
> >Sent via Deja.com http://www.deja.com/
> >Before you buy.
>
> You shouldn't have any problems working to the East, I myself have
> worked stations in the AZORES and Iceland using a rubberduck and HT
> from Northeastern Maryland.
>
> 73
>
> Will
> N3ZLL
> FM29
> Well I'll keep trying, but there is a definet difference between my
hearing it over land and the ocean.
Thanks.

Sent via Deja.com http://www.deja.com/
Before you buy.

2398. Re: License renewal

Newsgroup: rec.radio.amateur.space
Date: 2000-10-05 00:00:00 UTC
From: Old Biker <enfield@3n.net>
Message-ID: <39DC98BC.218420CD@3n.net>
Source record: 8332
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.amateur.space

Bob Wex w2ilp wrote:
> Don't give up on Ham Radio just because of the present licensing
> format....and the present leadership. Ham Radio may still become an
> educational technical hobby in the future as it was in the past.
>
> Hams need more license classes and/or technical endorsements.

With all due respect for nostalgia (I'm 61 myself) it'll never happen; not because of leadership good or bad, but because technology has moved manufacturing and cutting edge research beyond most individuals' resources. Time was, Hams were building almost all their own gear and pushing the envelope of comm's technology but now integrated circuits require a $million investment to produce the first one, after which they're a penny apiece. Sure, I could build a 1940's technology rig and many do just for fun, but it'll likely cost more for the parts than a new "appliance" rig that's far better. So, why demand that kids learn how to design and build antique gear when 99% of them -and us- will never do that (again)?

No, the future of Amateur Radio, if it has any future at all, lies in providing better personal and recreational communications for enough people to provide the political clout to keep the Ham bands dedicated to that purpose.

Most CBrs are prolly interested in traffic and smokey reports but most of the ones on these NGs are more serious communicators, many doing the same things hams do albiet illegally .. to everybodys loss. That's why I encourage these CBrs to become Hams and Hams to lobby for removing artificial barriers to them doing that. My $0.02

KA3DWW

2399. It's Rocket Science!

Newsgroup: rec.radio.amateur.space
Date: 2000-10-05 00:00:00 UTC
From: "R.L. Tannehill, P.E." <rickw7rt@firstinter.net>
Message-ID: <39DCDDAF.171986CF@firstinter.net>
Source record: 8333

Anyone who thinks that the AMSAT program is just a bunch of amateur wanna be's fiddling around; in over their head, should look at the AMSAT website pictures of what's taking place right now in Kouru on P3D. It truly IS rocket science. Note the fueling process with N2O4 in a sealed clean room, with technicians (AMSAT hams) wearing sealed suits. (Nitrogen tetroxide is a poisonous oxodizer) If this sat makes it up OK and works for at least a reasonable period of time, it (IMHO) will be ham radio's finest hour as a technical hobby/service.

Rick T.
W7RT

2400. shuttle video downlink

Newsgroup: rec.radio.amateur.space
Date: 2000-10-06 00:00:00 UTC
From: matt <mattobr@ntlworld.com>
Message-ID: <39DE2517.71DDA200@ntlworld.com>
Source record: 8336

Hi all

Has anyone Seen the shuttle video down link on s-band,if so what equipment were you using , as i would like to have a go at trying to find the downlink for the shuttle as we do not gete nasa tv in europe

Thanks Matt

2401. Tapegerm

Newsgroup: rec.radio.amateur.space
Date: 2000-10-06 00:00:00 UTC
From: tapehiss <102465.41@compuserve.com>
Message-ID: <39DE34A9.89484AA9@compuserve.com>
Source record: 8337

For Immediate Release

For Further Information Contact: Tapegerm
Phone: 1-888-254-7141
Email: feedback@tapegerm.com

Sonic Organism Infects Web

Salt Lake City, Utah - A new sonic organism, Tapegerm, is infecting the world wide web. In only 4 short months, Tapegerm has grown to include 20 diverse artists and been featured on the main page of FranceMP3.com. A musical collective of 20 artists, Tapegerm creates original music using loops and sounds contributed by fellow Tapegerm members and visitors to their web site. Tapegerm is a cohesive, but somehow anarchic collective focused exclusively on crafting collaborated music entirely in cyberspace.

Tapegerm began as an experiment with re-mixing hometaper music at homemademusic.com and quickly evolved to embrace and infect the Web. Like a living organism, there is no central organization, no founder, the membership is continually evolving and each member is equally important to the life of the whole. Tapegerm artists create 'Germs", musical loops that spread, multiply, and mutate, and assemble them into musical collages. Available on the internet, the music runs the gamut of electronic genres, from ambient electronic to techno to noise to experimental.

Internet based reconstructive music is in the embryotic stages of becoming a long lasting artform and Tapegerm is at the forefront of this movement. We've all seen what the mp3 format has done to change the world of music, but we've only begun to see the potential that the internet affords to creative individuals who are banded together in ideas, but separated by geographies. A sonic organism such as Tapegerm exemplifies the democracy and "creative frontier" hype that the internet has been billed as being, but often falls short of.

Visit tapegerm.com for a look at the group's progress, listen to new mixes happening nearly daily, upload your own sounds for the group to manipulate and employ in new recordings, and get hold of three exceptional CD's exploding from the combined creativity of 20 artists.

For more information, contact:
Email: feedback@tapegerm.com
Web site: www.tapegerm.com
Music Downloads: http://artists.mp3s.com/artists/87/tapegerm.html
http://music.francemp3.com/tapegerm

###

--
~%
Visit the the home of Hebephrenic, The Hot Buttered Elves, & Sunshine

http://ourworld.compuserve.com/homepages/tape_hiss

and our sites on the worlds largest online cut-out bin

http://www.mp3.com/hotbutteredelves
http://www.mp3.com/hebephrenica
~%

2402. Would you like to recieve $50,000

Newsgroup: rec.radio.amateur.space
Date: 2000-10-06 02:09:34 UTC
From: daniel@abc.COM
Message-ID: <200010060209.e9629L811914@mailbox1.ucsd.edu>
Source record: 8334

--=200010051956=
Content-Type: text/plain;charset=US-ASCII

Well, I finally did it. I signed up for the 50K Club! You can too.
It's only $10 in PayPal money, so I said "What the heck!"

This is brand new, and all you need to do is sign up 10 people who sign up 10 people, etc. If you can do that then you should have $50,000 in your PayPal account before it's all over.Yes,I said FIFTY THOUSAND DOLLARS!

Start now, and whatever you earn is put directly into your PayPal account by your downline. Nobody receives money ahead of you. Someone joins, and five minutes later it's in your account! It's unreal!! Fill your checkbook!! No more building downlines for someone else. What you earn you get! You are thinking maybe you have seen a program like this one before?? You haven't!! There hasn't been one like this before. What makes this Club different is that it works!

Guaranteed!!You start getting paid with your first sign-up. Plus, every sign-up and every payment is verified so no one can cheat or short-change the system! YOU WILL GET PAID! How much money you make is up to you! Need $10,000 in the next 10 days?

You can have it if you get going immediately! You must take a look at this and get started NOW! Take control TODAY!

This is brand new, so join RIGHT AWAY. You don't want your friends, neighbors or family to join under someone else, do you?

If you don't already have a PayPal account, you will need one. You can apply for one and not only is it FREE to set up, they even PAY YOU $5.00 for opening a new account. I'll send you the necessary info!

Quote: "Even if you are on the right track, you will get run over if you just sit there" [Will Rogers]

Here's what you get the instant you are confirmed:

Advertisement Submission Software. (Fully Functional)
Ad Blaster Software. (Fully Functional)
Search Engine, Directories List, FFA Blaster Software. (Fully Functional) eMail Merge Software. (Fully Functional)
Newsgroups Blaster Access.
Downloadable Ezines.
Full Subscribe, Send, and Unsubscribe opt-in list.
(1 million + subscribers!)
No-Store Email Address Availability.
Off-Line one of a kind Newspaper Ad Submission Software Availability.
Personal Information Manager complete with Calendar, To-Do List, Email Portal,Contact

List, Etc.
Daily News, Weather, Sports, Entertainment Horoscope PortalDomain Name Registration.
Articles For Success.
Full Customer Support.

Too get the full details, just respond with a blank email to:
davidad@usa.net with the subject line 50kclub

or click below
mailto:davidad@usa.net?subject=50KClub!

This is a one time email. If you would like to be removed please send an email to

mailto:davidad@usa.net?subject=remove

--=200010051956=--

2403. Re: It's Rocket Science!

Newsgroup: rec.radio.amateur.space
Date: 2000-10-06 05:03:27 UTC
From: Jim Jerzycke <kq6ea@amsat.org>
Message-ID: <39DD5D1F.291D7C67@amsat.org>
Source record: 8335

Well said!
73, Jim

2404. Re: shuttle video downlink

Newsgroup: rec.radio.amateur.space
Date: 2000-10-07 00:00:00 UTC
From: "Edgar J. Kaiser" <edgar.kaiser@t-online.de>
Message-ID: <39DF00B2.29C4C125@t-online.de>
Source record: 8339

Matt,

you may be interested in ESA's occasional rebroadcast of NASA TV and
their coverage of space relevant events on Eutelsat 2 and Intelsat Star.

Refer to: http://television.esa.int

Regards,

Edgar

matt wrote:

> Hi all
>
> Has anyone Seen the shuttle video down link on s-band,if so what
> equipment were you using , as i would like to have a go at trying to
> find the downlink for the shuttle as we do not gete nasa tv in europe
>
> Thanks Matt

2405. Re: It's Rocket Science!

Newsgroup: rec.radio.amateur.space
Date: 2000-10-07 00:00:00 UTC
From: Matthew Travis <landofgrey@gnc.net>
Message-ID: <39DF3AE0.678DDE65@gnc.net>
Source record: 8340

I think an organization over 30 years old with nearly 20 operational
sattelites in Earth orbit can hardly be called "a bunch of amateur wannabes"

2406. domain name www.newsgroups.vg is again available...

Newsgroup: rec.radio.amateur.space
Date: 2000-10-07 00:00:00 UTC
From: CaroleMangin@hotmail.COM
Message-ID: <200010071948.e97JmDU17959@mailbox4.ucsd.edu>
Source record: 8341

www.newsgroups.vg on speednames at 17h40 this 08/10/00

Just have a look at :
http://www.speednames.com/search.asp?assoid=2660

@+
Carole...

2407. Homebrew 70cm Antenna

Newsgroup: rec.radio.amateur.space
Date: 2000-10-07 01:42:36 UTC
From: m_donohoe@dingoblue.net.au
Message-ID: <39de7f28.57121027@news.dingoblue.net.au>
Source record: 8338
Cross-posted to: rec.radio.amateur.space,rec.radio.amateur.homebrew

I am looking for a good antenna to be able to work the LEO birds, I do not have AZ/EL control because I do not have a rotar, I place the antennas on my roof in a fixed position..

I am wondering if anybody else does this and has any decent designs...

If so could you please reply to this post and leave an address for them...

Matt Donohoe
M_DONOHOE@DINGOBLUE.NET.AU

2408. Radio Meteor Obs. Bull. September 2000

Newsgroup: rec.radio.amateur.space
Date: 2000-10-08 00:00:00 UTC
From: steyaert@vvs.be
Message-ID: <39e06612.16925690@news.innet.be>
Source record: 8343
Cross-posted to: rec.radio.amateur.space,sci.astro.amateur

Radio Meteor Observation Bulletin No. 86 October 2000

1. FORWARD SCATTER METEOR OBSERVATIONS

Observer: Enric Fraile Algeciras
Location: Paseo Bonanova, 8 Barcelona (02 07'E, 41 24' N)
Frequency: 48.24715 MHz.
Transmitter Location: Biedenkopf C2 TV, Video Frequency 48.250 MHz,
ERP 100 kW, Azimuth 90 +/-65
Antenna: 3 element Yagi Azimuth 200 deg (NE), elevation 20 deg
Receiver: home made converter 20 dB gain, 1 dB noise and Kenwood TS-830S.
10 dB attenuator in the receiver to reduce direct reception
Sensitivity: 0.25 uV for 10 dB S/N
Observing method: the audio signal of the video carrier is received using
a narrow CW filter (500 Hz) and fed into the PC in real time.
Data sampling system: own written software "MSD" with sound card.

| Sep 2000
UT | 6 7 8 9 10 11 12 13 14 15
----+--
0h| 7 7 9 5 6 10 8 7 8 7
1 | 3 10 5 6 1 8 9 4 10 5
2 | 7 5 9 3 1 6 3 8 5 9
3 | 5 8 4 11 4 4 10 5 3 4
4 | 14 13 12 20 11 9 24 7 8 27
5 | 9 14 11 10 9 13 7 4 7 15
6 | 9 17 7 5 24 13 2 6 2 11
7 | 10 12 3 10 3 10 9 4 11 22
8 | 17 28 4 7 14 13 11 11 14 8
9 | 14 11 19 8 8 12 7 10 17 8
10 | 9 9 12 7 10 17 10 11 15 12
11 | 6 11 4 8 15 6 8 12 8 13
12 | 7 12 8 9 11 9 5 16 11 5
13 | 7 9 5 5 12 6 12 7 5 5
14 | 7 8 6 9 6 4 7 4 5 8
15 | 12 2 7 6 4 12 7 11 2 3
16 | 5 1 3 3 10 10 6 9 3
17 | 9 3 6 2 4 7 6 4 4 6
18 | 5 4 7 6 4 10 9 6 1 6
19 | 5 3 4 5 13 6 9 7 3 9
20 | 5 7 6 9 8 6 6 11 6 5
21 | 3 6 10 3 11 7 9 15 5 11
22 | 8 8 7 6 9 5 9 9 7 3
23 | 8 10 7 8 0 4 7 10 6 12

```
----+-----------------------------------------------
UT | 6 7 8 9 10 11 12 13 14 15
| Sep 2000

| Sep 2000
UT | 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
----+-------------------------------------------------------------------------
0h| 12 7 8 6 6 12 9 7 8 7 11 10 6 11 8
1 | 8 44 17 4 5 6 4 5 10 4 9 14 6 5 11
2 | 6 5 7 9 5 3 1 2 9 1 9 11 1 12 3
3 | 19 8 9 2 4 9 6 10 13 3 3 3 6 5 2
4 | 8 6 11 5 5 9 7 12 8 8 15 14 8 8 5
5 | 6 13 9 4 7 13 18 14 14 14 11 14 8 12 7
6 | 18 12 11 24 6 7 11 17 5 8 9 16 17 15 10
7 | 11 17 14 17 4 10 8 11 13 12 16 20 16 12 21
8 | 3 9 15 11 10 10 13 8 14 14 17 27 8 10 7
9 | 16 8 12 5 10 8 18 14 8 20 6 11 9 5 8
10 | 11 9 13 8 13 9 5 7 7 9 5 14 8 20 22
11 | 5 5 13 13 11 7 15 12 8 13 13 35 29 16 6
12 | 10 7 6 5 3 15 22 8 9 8 8 8 18 16 6
13 | 25 9 7 6 12 8 14 4 12 8 7 5 18 31 10
14 | 11 3 10 12 4 22 10 6 2 7 10 11 7 17 8
15 | 9 8 4 3 9 17 3 5 4 2 2 2 4 2 0
16 | 4 11 8 7 2 6 19 2 6 5 3 7 7
17 | 8 3 8 4 3 4 25 22 6 3 5 8 6
18 | 7 4 4 3 1 6 8 32 94 6 9 68 5 3 3
19 | 2 9 5 6 4 4 1 5 6 7 6 5 7 4 8
20 | 10 6 5 5 5 6 8 11 14 7 8 4 7 4 6
21 | 5 12 10 7 4 6 5 5 10 6 13 3 5 9 9
22 | 7 14 9 12 6 5 6 7 11 9 8 14 5 8 4
23 | 9 5 9 7 8 7 4 9 4 8 8 5 10 9 14
----+-------------------------------------------------------------------------
UT | 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
| Sep 2000

Enric Fraile Algeciras

------------------------------------------------------------------------
```

Observer: Jean-Louis Aillaud
Location: Sainte Clotilde, R&#65533;union Island (55 29' E, 20 52' S)
Frequency: 87.7 MHz, 89.7 MHz (empty frequency for coincidence)
Transmitter location: Madagascar - 850 Km
Antenna : 3 elements Yagi FM horizontal polarisation
elevation 90 deg (zenith), astronomical azimuth: 114 deg (=West)
Receiver 1: FM tuner Technics ST G 450 L (on 87.7 MHz)
Receiver 2: FM tuner TEAC TR 400 (on 89.7 MHz)
observing method: Electronic interface on LINE output audio signal are fed in
COM2: of PC (1) 100 MHz and COM2: of PC (2) 200 MHz
METEOR V4.0 processes the signal and records on hard disk the time
of the events.
COLORGRAMME V.2 for examined DATA and generates RMOB bulletin

automatically
METEOR parameters: threshold 10 for 87.7 89.7 MHz

```
| Sep 2000
UT | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
---+-------------------------------------------------------
0 | 1 8 2 0 4 0 0 2 0 0 0 2 0 5 1
1 | 0 1 10 0 13 0 4 9 0 0 0 0 8 9 0
2 | 0 1 7 0 0 0 12 4 0 0 0 0 0 2 7
3 | 5 0 2 0 0 0 2 9 6 0 2 0 8 2 5
4 | 8 7 14 13 7 5 0 10 3 12 21 0 17 5 12
5 | 21 9 6 11 9 9 26 4 8 13 6 7 6 14 15
6 | 0 7 7 6 8 12 2 3 5 12 19 19 13 20 0
7 | 3 1 6 13 4 3 7 2 0 7 7 4 8 5 12
8 | 0 7 4 12 0 8 13 4 8 15 7 5 11 8 12
9 | 2 10 4 6 7 4 4 3 4 10 4 16 7 13 8
10 | 5 9 6 10 7 6 11 0 4 9 20 3 11 18 7
11 | 2 14 7 8 8 10 5 2 2 4 6 0 1 13 4
12 | 0 18 9 6 7 8 9 6 2 2 3 3 21 6 12
13 | 7 12 2 15 7 8 16 16 6 10 7 1 10 11 10
14 | 5 14 5 23 0 5 9 4 9 6 1 8 12 14 5
15 | 7 18 9 15 7 8 13 7 7 0 4 3 24 6 18
16 | 9 18 8 19 14 15 19 4 6 13 9 1 25 11 13
17 | 10 7 3 14 4 15 9 7 5 10 8 13 21 11 18
18 | 5 6 6 12 3 8 9 0 3 4 7 4 10 4 7
19 | 5 3 11 11 0 11 4 2 11 7 0 0 6 7 4
20 | 6 5 2 4 0 1 9 2 12 8 0 0 0 0 8
21 | 8 0 0 5 0 4 7 3 2 8 0 0 4 0 5
22 | 7 1 2 17 0 0 2 0 2 0 0 0 0 0 0
23 | 5 0 0 0 0 1 0 0 6 0 0 0 0 2 1
---+-------------------------------------------------------
UT | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
| Sep 2000
```

```
| Sep 2000
UT | 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
---+-------------------------------------------------------
0 | 0 5 0 0 0 1 0 0 0 0 0 0 5 0 0
1 | 0 1 8 0 3 2 0 0 0 0 0 4 0 0 1
2 | 0 3 6 1 0 4 2 0 0 0 5 3 1 0 0
3 | 5 6 11 3 8 10 12 1 12 3 5 0 7 0 2
4 | 10 14 9 6 5 7 17 3 38 8 20 2 10 0 7
5 | 6 15 5 14 3 28 5 11 13 9 5 14 5 6 3
6 | 10 16 9 5 7 11 6 0 13 20 8 2 10 7 4
7 | 10 11 2 1 17 19 7 6 4 13 3 4 3 9
8 | 0 14 0 6 5 16 15 0 2 20 0 3 4 6
9 | 18 11 11 1 5 4 11 4 4 12 7 11 2 7
10 | 8 35 12 6 10 14 7 10 5 20 0 4 6 4
11 | 7 10 6 10 11 19 5 13 0 14 5 5 14 5
12 | 12 10 6 5 8 29 5 26 11 8 17 3 12 7 3
13 | 12 20 22 6 11 3 4 10 4 14 9 0 2 7 12
```

```
14 | 14 17 7 4 13 12 11 16 6 10 2 7 0 21 2
15 | 9 10 11 5 15 11 8 17 10 21 15 12 0 12 5
16 | 2 19 12 7 26 22 7 22 15 13 29 21 0 12 7
17 | 5 12 5 6 10 17 7 16 14 5 10 10 0 14 9
18 | 12 11 5 7 0 12 3 10 4 0 14 6 0 18 10
19 | 2 8 10 5 0 5 0 5 2 3 4 2 0 11 14
20 | 0 11 8 4 0 9 0 1 2 3 1 3 0 15 6
21 | 1 0 8 2 0 8 1 1 7 1 5 0 0 10 8
22 | 2 8 0 2 1 6 0 5 3 4 2 0 0 11 1
23 | 0 1 0 2 2 5 1 2 0 2 2 17 0 0 7
---+------------------------------------------------------------
UT | 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
| Sep 2000
```

Jean-Louis Aillaud

Observer: Michael Boschat
Location: Halifax, Canada (63 36'W, 44 39'N, 58 meters above sea level)
Listening Frequency: 83.24 MHz
Receiver: Icom R-10
Antenna : resonant dipole
Antenna Direction: Horizontally polarized with lobes in E-W plane, elev 0 deg
Filter : high-Q (Q at least 300) bandpass filter between antenna & receiver.
Listening Mode: CW
Recording method: listening by ear

September 2000

Number of meteors heard in one hour interval

```
2000| UT
Sep | 09h 10 11 12 13 14 15
----+--------------------------
3 | - - - 1 3 1 -
4 | - - - 8 6 - -
5 | - - - 1 2 - -

21 | - - 4 11 - - -
22 | - - - - 18 7 -
23 | - - - - - - -
24 | - - - - - - -
25 | - - 6 2 13 13 -
26 | - - 7 14 14 18 -
27 | - - - - - - -
28 | - - - - - - -
29 | - - 2 9 13 7 -
----+--------------------------
Sep | 09h 10 11 12 13 14 15
2000| UT
```

Notes:
. no corrections for radiant position made to the counts
. - = no observations made
. * = Interference
. + = 1/2 hour observation only

Mike Boschat

Observer: Maurice De Meyere
Location: Deurle, Belgium (3 37' E, 51 00' N)
Frequency: 66.51 MHz
Transmitter locations (all stations of more than 10 kW):
66.35 MHz, Klaipeda, Lithuania 12 kW, 05h00-22h00
66.47 Viesintos Lithuania 12 05h00-22h00
66.62 Budapest Hungary 100 24hrs
66.68 Valmiera Latvia 20 04h30-22h00
Antenna: crossed Yagi (x form), 4 elements, astronomical azimuth 270 deg
(= E), elevation 27 deg.
Antenna amplifier: 25 dB max level 90 dBmuV
Receiver: commercial, Progresson 447A, TESLA (Bratislava)
The receiver was calibrated with a Marconi TF2008 signal
generator. Sensitivity: 5 muV (modulation frequency
1000 Hz, frequency sweep 38 kHz) at (S+N)/N = 20 dB.
SWR of antenna alone at 66.5 MHz: 1.4/1 (good to very good),
measured with MFJ/259P SWR analyzer (HF-VHF 1.8 MHz to 170 MHz)
on Sep 28, 1998.
Observing method: automated setup, 150 samples/second, 8 bit resolution.
[Time and details of all individual meteor reflections are stored
on file in the Ghent University format (Prometeos), and are
available for further analysis. Reduction software for DOS and
Windows available].

September 2000

Raw counts of reflections with a duration of at least 0.027 s
during one hour interval starting at UT:

Sep	UT									
2000	20h	21	22	23	00	01	02	03	04	05	06
1- 2	48	68	14	7	28	13	62	118	95	114	148
2- 3	?	47	11	11	6	20	36	110	127	113	72
3- 4	38	57	8	12	14	33	80	139	168?	168?	147
4- 5	51	76	20	16	15	32	52	91	120	?	104
5- 6	45	67	?	?	17	13	72	92	102	150	136
6- 7	68	55	?	5	?	13	90	146	150	162	114
7- 8											
8- 9	50	74	26	30	12	14	52	129	116	145	?
9-10	68	61	?	36	5	13	60	113	?	95	?
10-11	65	57	?	?	9	17	52	90	93	171?	132
11-12	69	58	?	?	1	6	52	69	68	124	153
12-13	43	63	?	?	18	28	72	96	?	?	70

```
13-14 | 57 70 ? 28 9 8 58 100 121 149 155
14-15 | 49 70 ? ? 6 17 86 114 128 136 ?
15-16 | thunderstorms
16-17 | 48 36 31 15 30 29 49 108 112 137 137
17-18 | 27 42 8 12 13 25 80 83 105 176 141
18-19 | 46 52 ? 19 15 28 86 ? 102 ? ?
19-20 | 53 44 14 9 4 26 93 134 129 ? 133
20-21 | 49 51 20 19 16 39 95 98 134 159 ?
21-22 | 75 54 19 9 6 33 90 114 121 ? ?
22-23 | 68 41 7 11 8 12 67 109 91 78 118
23-24 | ? 59 15 9 7 13 38 121 140 118 136
24-25 | 68 67 ? 24 18 31 64 117 136 196 57
25-26 | 60 69 22 12 21 24 82 100 125 163 94
26-27 | thunderstorms
27-28 | 49 47 24 15 13 32 73 122 149 148 75
28-29 | 43 22 13 4 17 65 97 ? 158 122
29-30 | 45 52 30 17 18 29 85 127 135 114 ?
30- 1 | 49 36 21 15 29 12 40 134 135 119 110
------+-----------------------------------------------------
2000 | 20h 21 22 23 00 01 02 03 04 05 06
Sep | UT
```

Raw counts of reflections with a duration of at least 1.000 s
during one hour interval starting at UT:

```
Sep | UT
2000 | 20h 21 22 23 00 01 02 03 04 05 06
------+-----------------------------------------------------
1- 2 | 4 16* 5* 1 3 2 6 25* 9 16 ?
2- 3 | ? 5 1 6* 0 8* 5 18 16 18 7
3- 4 | 6 10 0 2 0 4 5 24 36 ? ?
4- 5 | 2 10 2 4* 2 5 10 3 19 ? 32*
5- 6 | 8 15* ? ? 0 2 16* 7 26* ? ?
6- 7 | 16* 17* 11 0 ? 2 13 19 19 ? 19
7- 8 |
8- 9 | 7 10 5 13* 2 0 5 17 16 34* 33
9-10 | 9 15* ? ? 0 1 10 21 29 8 16
10-11 | 14* 29* ? ? 1 5* 9 12 27* ? ?
11-12 | 20* 23* ? ? 0 0 5 16* 16* ? ?
12-13 | 14* 23* ? ? 9* 5* 7 9 35* ? 28*
13-14 | 13* 18* ? 16* 5* 1 7 11* 35* ? 39*
14-15 | 9 22* ? ? 1 2 9 15 35* ?
15-16 | thunderstorms
16-17 | 7 3 2 4* 2 7* 13* 16 8 23 17
17-18 | 1 4 1 2 3* 4 18* 3 27* ? 41*
18-19 | 3 16* 11* 6* 0 3 13 ? 19 ? ?
19-20 | 7 9* 2 0 2* 5 10 20 24 45? 25
20-21 | 9 9 3 6* 3 5 10 7 17 35* 31
21-22 | 18* 4 2 2* 1 1 13 23* 24 ? ?
22-23 | 13 9* 0 3* 3* 1 11 13 18 9 9
23-24 | ? 11 5* 0 0 2 2 8 18 15 8
```

```
24-25 | 7 13* ? 13* 2 6 10 15 30* ? 21*
25-26 | 10 11 6* 0 6* 2 9 13 31* ? ?
26-27 |
27-28 | 3 6 8* 3 4* 6 14 29* 24 27 13
28-29 | 4 5 1 1* 1 8 14 33? 31 23
29-30 | 3 8 2 3 3 2 14 16 22 22 33?
30-01 | 11* 8* 4 1 2 1 5 21 32* 15 20
------+-----------------------------------------------------
2000 | 20h 21 22 23 00 01 02 03 04 05 06
Sep | UT
```

Notes:
. ? probably affected by sporadic-E, tropo, direct reception.
. * warning for relative high number of long duration reflections,
an indication for potential stream activity.
. local time = UT + 2 hours

Maurice De Meyere

Location: Astronomical Observatory, Ghent University, Belgium
(ED50 coordinates: 3 42' 32" E, 51 01' 25" N)
Antenna (2x): 4 elements horizontal Yagi, pointed East, elevation 20 deg
Antenna amplifier: 10 dB gain
narrow band resonance lambda/4 antenna filter
Frequency: (1)=66.29 MHz (signal) and (2)=65.3 MHz (interference control)
Receiver (2x): modified commercial FM receiver
Data acquisition: 12 bits PC-based A/D convertor, 250 Hz sampling rate
Interference rejection:
dual setup: receiver (1) tuned at distant transmitter, receiver (2)
tuned at empty frequency. Anti-coincidence measurement rejects
registration of broadbanded spurious signals (lightning, computers,
ignition motors, etc).
Further information:
see WWW page (additional info + observational data)
http://allserv.rug.ac.be/~hdejongh/astro/meteor/meteor.html
Data format:
results are shown as total reflection time, expressed as
a percentage. The actual number shows 10 times this value.
When no figure is shown, the equipment was either out of service,
or results could have been affected by interference, sporadic-E.

```
-------------------------------------------------------------
| Sep 2000 | 10x % reflec. time | horiz: day | vert: time UT|
-------------------------------------------------------------
| 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
---+---------------------------------------------------------
0 | 17 15 23 14 14 7 53 12 22 28 8 18 24 30 16
1 | 22 24 39 34 45 24 19 18 25 17 17 13 18 25 19
2 | 33 34 50 47 23 23 34 36 44 41 17 28 23 19 18
3 | 45 62 32 70 38 41 61 49 61 86 35 40 26 47 39
```

```
4 | 74 48 46 62 41 46 88 48 106 23 30 36 50 42
5 | 56 46 39 62 46 47 42 69 61 30 39 45 37 37
6 | 95 38 59 41 61 42 48 48 63 38 41 41 45 68
7 | 56 30 47 42 34 27 55 48 16 28 54 48
8 | 32 36 40 53 23 24 51 35 24 15 33 33
9 | 51 35 41 27 41 29 35 25 65 36 55 25 31 45
10 | 31 55 32 24 23 34 22 21 54 17 15 34 23 28
11 | 26 59 25 39 18 34 17 16 29 38 24 34 21 26
12 | 21 24 16 29 18 13 14 12 24 25 26 4 44 23 36
13 | 19 14 22 11 12 17 18 11 37 21 14 8 10 13
14 | 12 16 13 14 19 22 7 12 24 13 20 12 11 19 28
15 | 9 7 22 11 12 29 5 9 15 12 9 7 18 5 14
16 | 14 9 26 25 18 9 11 17 4 23 6 12 19 4
17 | 12 15 11 5 10 6 11 18 16 5 22 4 8
18 | 19 14 9 5 8 5 10 34 26 27 4 9 10 11
19 | 19 19 7 9 12 21 22 26 22 15 6 15 11 15
20 | 32 13 14 16 11 44 11 17 25 27 15 10 26 18 14
21 | 23 17 21 22 42 34 15 16 19 16 14 13 24 15 17
22 | 7 6 8 9 3 9 5 5 10 12 8 9 8 8 4
23 | 16 15 8 11 8 8 7 12 13 10 9 6 8 6 9
---+------------------------------------------------------------
| 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

-------------------------------------------------------------
| Sep 2000 | 10x % reflec. time | horiz: day | vert: time UT|
-------------------------------------------------------------
| 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
---+---------------------------------------------------------
0 | 19 52 11 17 7 10 8 24 19 22 10 10 12 13 13
1 | 23 34 23 16 17 24 16 18 19 15 24 12 12 14 18
2 | 21 19 18 29 48 20 27 19 26 18 19 28 14 17
3 | 27 55 32 52 34 37 33 33 68 33 43 40 56 31 38
4 | 67 33 35 26 48 35 37 73 29 32 43 54 59
5 | 20 75 29 25 47 34 33 37 46 23 43 33 63 80
6 | 16 55 30 26 54 46 50 32 84 51 31 26 45 40 48
7 | 35 33 30 12 51 50 70 34 42 42 31 37 31 60
8 | 45 46 34 7 97 41 21 51 58 37 36 45 43 40
9 | 42 32 43 19 45 80 29 48 42 30 44 44 41
10 | 50 38 37 13 32 29 19 51 33 29 25 44 39 65
11 | 45 22 33 26 31 24 32 23 39 25 20 8 31 37 32
12 | 35 15 22 19 47 16 32 36 21 42 27 17 26 17 35
13 | 12 21 14 11 14 23 12 29 11 15 9 23 9 19
14 | 17 20 14 5 9 10 16 18 21 13 7 10 13 17
15 | 10 9 6 24 13 7 11 10 26 10 4 4 9 13 6
16 | 13 11 9 8 12 3 16 6 8 20 7 9 10 8 10
17 | 22 8 14 17 8 5 6 9 14 13 9 5 7 9
18 | 15 21 14 7 6 7 14 21 8 11 12 12 11 12
19 | 12 13 6 14 10 21 13 17 15 25 23 10 15 16 19
20 | 23 13 12 18 14 17 32 19 25 31 22 23 18 17 22
21 | 26 7 8 15 9 18 12 10 15 13 9 11 12 15 26
```

```
22 | 15 10 5 5 7 6 5 8 10 10 5 9 5 12 10
23 | 6 9 4 16 7 9 9 12 11 9 7 6 7 5 10
---+------------------------------------------------------------
| 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
```

Note:
. not a very good month: no highlights, but sometimes difficult to filter
not so strong ES.

Pierre De Groote

Observer: H. W. Kelsey
Location: Conway, Arkansas USA (92 25' W, 35 02' N)
Frequency: 89.5 MHz
Transmitter: Tulsa OK & Salina/Manhattan KS
Receiver: Sangean 803A
Antenna: Yagi Heading: SNW
Observing Method: Recorded on Audio Tape

Underdense/Overdense Scale:
Overdense: 0.5 second or more duration
Underdense: less than 0.5 second duration

Each observed hour is 60 minutes, exactly

Sep 2000	Hr-UT	Over-dense	Under-dense	Total	
01	1100-1200	9	20	29	
02	0940-1040	8	11	19	
03	1000-1100	4	14	18	
04	1000-1100	17	19	36	
05	1000-1100	Lost to Tropospheric Ducting (TD)			
06	0800-0900	3	2	5	Severe TD
07	0800-0900	3	5	8	
08	0800-0900	19	18	37	No TD
09	0800-0900	13	16	29	
10	0800-0900	13	18	31	
11	0800-0900	14	29	43	
12	0745-0845	10	19	29	
13	0730-0830	7	4	11	
14	0730-0830	6	6	12	
15	0930-1030	8	10	18	
16	0930-1030	8	13	21	
17	0930-1030	11	17	28	
18	0715-0815	9	11	20	
19	0915-1015	11	22	33	
20	0915-1015	9	15	24	
21	0900-1000	5	7	12	
22	0830-0930	5	9	14	
23	0900-1000	7	12	19	

24 0900-1000 11 13 24
25 0900-1000 6 14 20
26 1000-1100 5 4 9
27 0900-1000 0 4 4
28 0730-0830 9 13 22
29 0730-0830 3 12 15
30 1330-1430 12 10 22

Will Kelsey

Observer: R.B. Minton
Location: Raton, NM (104 26' W, 36 54' N, 2000 m above sea level)
Frequency: 92.9 MHz
Transmitters: KTZA FM 100 kW, Artesia NM, dist 444 km, geogr azim 178 deg
KSPZ FM 53 kW, Color. Springs, dist 217 km, geogr azim 352 deg
KYBR FM ? kW, Espanola NM, dist 180 km, geogr azim 236 deg
???? FM ? kW, Juarez Mexico, dist 579 km, geogr azim 198 deg
KWFM FM 90 kW, Tucson AZ, dist 798 km, geogr azim 233 deg
Antenna: folded dipole, on 6.3 m high mast, oriented N-S
Receiver: Subaru 12 V DC car radio with digital tuning
Observing method: conditioned audio input in the game port of an IBM 386 SX-50
PC, 128 samples/second, DOS/Basic software, automatic

Total hourly counts

August 2000
Aug| UT
2000| 0h 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23
----+---
1 | 20 8 16 20 15 14 6 11 6 7 16 11 12 11 11 15 22 23 24 21 16 32 27 23
2 | 11 10 21 28 15 24 17 10 10 15 10 6 8 17 17 17 23 16 20 19 18 16 19 21
3 | 9 13 22 30 33 21 13 41 19 17 15 14 27 12 26 27 37 14 16 27 25 24 19 6
4 | 10 13 24 19 0 13 7 18 8 79 35 17 15 15 22 16 22 11 20 15 21 15 18 16
5 | 6 7 12 19 17 13 13124 45 17 11 5 4 13 9 9 11 7 13 9 18 22 14 11
6 | 4 8 12 16 14 6 14 10 7 42 18 28 18 20 17 22 7 8 16 15 16 16 16 15
7 | 8 7 9 15 14 17 19 9 18 14 11 12 8 5 11 14 13 11 16 16 14 17 9 12
8 | 6 16 15 18 26 14 11 11 17 15 21 15 20 16 8 11 10 9 8 16 17 20 13 6
9 | 13 6 10 4 3 11 13 6 6 2 7 4 5 8 21 12 9 2 2 19 14 1 5 12
10 | 6 6 5 11 0 1 6 4 2 6 2 0 11 13 25 19 24 11 16 7 4 9 4 4
11 | 16 21 30 38 28 26 22 26 37 14 30 18 2 3 5 0 0 27 26 33 44 15 6 10
12 | 17 12 19 26 33 23 22 32 36 21 27 18 11 2 12 13 16 15 17 31 10 32 25 19
13 | 12 12 8 21 23 26 21 24 22104 27 7 3 9 14 15 15 19 21 15 18 22 13 23
14 | 22 18 15 12 3 8 11 57 67 28 20 3 8 10 19 0 0 3 4 9 6 13 9 8
15 | 9 11 14 32 34 20 17 28 55 30 12 8 19 14 14 10 10 8 10 16 10 15 10 6
16 | 25 20 4 16 14 13 13 4 10 15 19 12 10 13 13 17 17 12 15 10 9 15 4 15
17 | 8 7 13 8 13 14 9 5 30105114 56 16 17 4 2 5 7 5 3 1 3 4 2
18 | 1 3 5 10 12 4 2 3 6 6 8 8 5 20 10 2 5 2 4 2 3 2 3 4
19 | 3 4 9 14 18 5 7 6 1 21 16 9 8 7 9 10 5 7 4 4 10 4 7 3
20 | 7 4 4 12 10 9 6 8 5 9 6 32 41108 35 21 3 7 6 4 4 8 7 5
21 | 2 12 8 5 18 11 7 10 9 12 4 8 7 11 13 6 14 11 9 13 4 11 13 7

```
22 | 6 8 14 16 23 12 10 5 12 7 7 3 10 14 10 14 7 13 9 4 13 11 17 8
23 | 10 5 19 22 16 15 10 4 7 14 21 10 10 14 14 10 11 7 7 8 7 6 6 9
24 | 9 6 9 14 10 11 7 8 10 15 14 16 8 5 12 16 20 15 13 2 14 10 11 2
25 | 9 7 6 10 9 15 14 3 22 11 9 15 17 13 12 13 19 16 7 19 13 15 12 9
26 | 8 6 13 23 21 19 17 23 13 10 5 20 14 8 5 32 17 13 2 0 1 1 6 4
----+------------------------------------------------------------------------
2000| 0h 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23
Aug| UT
```

Signal duration distribution for the above period

Duration (s)	Number
< 0.1	3133
0.1 to 0.3	2502
0.3 to 1	1558
1 to 3	1047
3 to 10	497
10 to 30	62
> 30	1

Notes:
. lightning noise on Aug 4, 5, 17, and 20.
. lightning damage to equipment at 0h UT Aug 27

R.B. Minton

Observer: Dave Swan
Location: Christchurch UK (50.47 N 1.44 W)
Receiver: Pro 2006 (modified to give a carrier detected
output for Chessell 301 pen recorder).
Sensitivity NFM: 0.5 uV (S+N)/N = 20 dB Dev: 3 kHz
at 1 kHz BW 9 kHz.Calibrated: 1/05/00
Antenna: 4 element Yagi broadband design for 50-70 MHz Gain 9.2 dBi.
Azimuth 95deg elevation 8 deg. Two 3 stage constant K
filters fitted after the antenna, (High and Low pass)
to reduce out of band interference and
intermodulation products causing spurious meteor counts.
Frequency: 66.62 MHz
Transmitter: Budapest 100 kW 24 hrs
Computer: Olivetti 386 Notebook with Meteor v 4.0 software

```
| September 2000
UT | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
---+-----------------------------------------------------------
00 | 11 11 7 10 15 11 11 15 7 7 11 6 21 13 10
01 | 13 10 11 12 4 14 10 11 18 6 12 16 13 13 9
02 | 8 13 10 11 10 8 4 8 10 8 13 18 1 11 6
03 | 14 9 11 15 10 13 11 6 6 18 14 13 18 14 10
04 | 19 15 16 15 5 13 18 13 12 9 9 3 10 6 8
05 | 23 8 10 17 11 7 4 10 10 15 11 9 11 10 11
06 | 12 7 14 7 4 8 11 9 10 9 12 20 10 5 8
```

```
07 | 6 10 5 14 14 9 10 13 11 10 13 23 14 10 13
08 | 11 8 15 7 8 9 5 10 12 10 11 7 2 10 18
09 | 8 14 9 10 10 15 8 4 10 8 11 10 6 7 10
10 | 12 12 11 7 18 14 10 24 10 15 19 9 6 16 13
11 | 8 9 11 22 10 13 12 12 17 12 13 7 22 9 6
12 | 11 16 9 15 8 14 17 9 7 13 14 17 11 8 13
13 | 12 10 9 9 11 9 12 15 7 5 13 10 15 12 14
14 | 7 7 6 30 15 12 8 11 11 14 13 15 9 6 5
15 | 13 10 13 9 15 18 11 13 12 17 8 11 12 10 19
16 | 9 15 10 15 10 12 12 19 16 15 20 16 13 9 17
17 | 18 16 9 16 17 15 9 10 8 14 11 10 14 2 6
18 | 8 9 13 14 38 7 8 14 11 9 7 13 8 10 14
19 | 11 8 9 17 12 12 18 18 10 9 12 15 12 8 14
20 | 11 13 12 13 12 13 13 13 12 9 6 8 14 12 14
21 | 15 3 9 18 8 15 13 14 3 10 6 20 15 7 14
22 | 7 11 23 29 14 12 8 16 11 12 4 8 14 15 16
23 | 6 8 12 12 14 11 6 17 8 11 10 16 7 8 14
---+------------------------------------------------------------
UT | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

| September 2000
UT | 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
---+------------------------------------------------------------
00 | 13 6 11 7 7 13 8 13 8 13 11 8 10 5 11
01 | 11 18 6 7 13 8 10 8 6 6 11 9 15 9 10
02 | 11 7 12 12 15 13 12 12 18 14 12 13 8 7 4
03 | 7 12 13 9 13 6 11 10 9 11 13 7 18 10 12
04 | 14 16 16 14 11 9 10 14 13 12 21 15 9 4 15
05 | 14 8 8 8 7 15 23 12 8 5 9 11 13 14 15
06 | 16 14 13 10 8 7 6 13 13 7 21 17 18 11 15
07 | 8 13 11 7 15 11 17 13 13 15 9 15 11 3 9
08 | 18 17 15 16 21 9 12 10 11 13 14 17 18 18 11
09 | 7 20 12 10 8 19 5 18 18 15 4? 12 14 16 6
10 | 13 13 16 11 9 17 19 12 15 13 ? 16 15 15 9
11 | 7 10 13 11 6 8 17 10 6 16 8? 10 15 10 24
12 | 12 13 8 14 12 11 10 20 9 12 8? 7 16 7 33
13 | 14 14 12 11 6 9 10 14 16 11 14 7 9 9 16
14 | 10 13 10 12 8 8 9 16 18 20 7 19 6 13 20
15 | 11 12 10 14 9 15 11 12 15 15 9 15 17 15 12
16 | 10 15 10 17 12 16 12 6 5 11 11 10 25 8 8
17 | 5 9 11 8 18 10 13 7 7 8 8 11 4 5 9
18 | 12 7 7 12 5 15 12 8 8 3 9 8 15 16 23
19 | 8 11 15 4 9 7 12 17 10 10 22 4 16 26 10
20 | 14 13 14 8 10 13 7 8 8 7 13 18 18 40 9
21 | 11 13 13 11 10 12 15 11 17 17 11 18 15 23 13
22 | 8 7 8 19 14 6 12 10 10 9 14 7 15 7 13
23 | 11 22 16 13 13 19 16 20 14 9 10 13 16 5 11
---+------------------------------------------------------------
UT | 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
| September 2000
```

Note:
. counts for the 26 September 09, 10, 11 and 12 hrs UT are incomplete
due to mains power supply cuts.

Dave Swan

Observer: Pierre Terrier
Location: Canet, France (3 36'E, 43 41' N)
Frequencies: 93.7 MHz (changed since previous report)
Transmitter Location:
93.8 France Musique Eyne (66) public service
93.8 France Musique Osseja (66) public service
93.8 France Culture Port Vendres (66) public service
93.8 France Musique Font-Romeu (66) public service
93.8 BFM Marseille (13)
Antenna: 6-element Yagi FM, horizontal polar.
azimuth 0 deg (N-S), elevation 90 deg. (zenith)
Pre-amplifier: home made, gain 15 dB, Nf < 2 dB
Receiver: Tuner FM Continental Edison digital synthesiser TU 9945
Observing method: Electronic interface on LINE output audio signal are fed in
COM1: of PC IBM 386 25 MHz.
METEOR v 4.0 version processes the signal and records on
hard disk the time of the events.
METEOR parameters: THRESHOLD = 16
COLORGRAMME v 1.5 generates RMOB bulletin automatically

| September 2000

UT	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
0	14	13	17	15	6	5	16	15	11	9	43	32	20	7	14
1	20	20	18	26	16	7	43	21	27	24	44	65	27	8	11
2	25	21	11	20	23	12	15	20	17	11	34	57	26	20	12
3	9	22	23	21	10	9	22	18	59	7	12	17	35	24	21
4	20	29	24	25	18	5	14	10	19	9	16	107?	15	18	24
5	19	19	18	14	9	7	22	6	13	8	18	10	11	16	18
6	17	22	22	15	8	7	21	9	52	6	54	16	15	21	8
7	11	16	25	14	11	8	17	7	7	5	34	18	16	18	12
8	14	18	29	18	17	12	11	10	3	7	41	21	26	11	14
9	17	22	13	18	12	14	15	7	16	8	13	26	17	20	8
10	25	20	20	14	11	10	11	11	13	17	8	9	16	11	8
11	19	17	19	13	14	9	10	7	12	13	11	15	14	16	21
12	17	20	12	13	5	8	11	8	12	11	7	16	18	13	8
13	10	17	14	15	9	10	8	13	7	7	17	21	10	13	10
14	11	16	16	9	6	6	8	11	7	8	28	17	16	9	7
15	8	16	14	7	7	5	6	5	7	6	15	17	16	9	8
16	11	11	11	6	4	2	10	2	7	9	12	12	2	8	10
17	8	14	7	12	10	3	2	2	4	2	2	5	3	3	8
18	8	9	3	7	1	1	3	3	4	6	10	10	9	7	3
19	6	13	7	8	5	8	8	5	3	18	1	7	9	4	7
20	19	39	5	7	5	9	8	4	10	22	11	12	12	5	12
21	14	15	17	12	6	8	11	7	10	21	143	15	9	12	9

```
22 | 17 17 8 11 10 7 16 6 5 49 53 10 8 10 12
23 | 10 13 16 17 4 13 17 11 5 31 17 5 18 16
---+------------------------------------------------------------
UT | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
| September 2000

| September 2000
UT | 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
---+------------------------------------------------------------
0h| 3 8 20 13 6 9 10 8 5 22 4 13 17 18 6
1 | 17 9 16 16 7 8 22 11 12 24 14 9 16 27 8
2 | 18 9 39 19 12 6 30 17 9 35 6 13 17 22 6
3 | 18 10 32 18 16 18 38 9 15 39 12 12 13 24 12
4 | 17 19 22 9 3 9 20 16 33 14 18 16 22 31 35
5 | 21 19 22 15 20 2 14 4 17 14 15 9 16 28 9
6 | 11 18 18 18 5 7 8 11 26 13 16 9 11 5 12
7 | 15 15 11 11 15 23 14 16 23 15 12 12 16 8 16
8 | 14 9 8 19 7 8 7 9 9 7 28 13 19 12 6
9 | 7 17 15 14 8 14 15 13 24 5 5 12 19 9 19
10 | 7 8 14 16 7 7 14 14 11 6 15 11 12 11 14
11 | 15 9 14 12 12 7 11 13 15 8 7 8 12 14 12
12 | 12 12 10 10 7 11 4 8 9 14 11 4 5 10 11
13 | 8 8 8 11 4 5 6 9 11 17 6 3 11 9 7
14 | 12 7 12 5 8 8 10 9 6 18 6 7 8 4 6
15 | 8 7 12 7 4 5 6 8 11 9 5 5 14 7 5
16 | 8 11 13 12 10 6 8 5 4 8 8 6 8 7 4
17 | 5 11 5 9 7 5 2 7 7 4 4 9 8 4 8
18 | 7 7 11 10 2 3 6 6 6 3 6 11 12 11 4
19 | 8 8 11 8 8 10 9 8 5 10 8 12 6 9 9
20 | 11 11 6 5 14 10 6 7 6 10 10 15 11 9 8
21 | 11 15 9 10 9 13 10 9 8 9 15 16 19 14 11
22 | 16 15 13 5 11 9 7 8 10 12 17 20 7 9
23 | 9 17 14 5 9 15 6 11 5 11 10 9 5 12
---+------------------------------------------------------------
UT | 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
| September 2000

Note: data are not corrected for Sporadic E.

Pierre Terrier

--------------------------------------------------------------------------------
Observer: Garfield Tsao (BM2EQB)
Location: LonTan Observatory
LonTan, TauYan, Taiwan R.O.C. (121 14'37" E, 24 52'54" N by GPS)
Frequency: 50.0169 MHz USB mode 3 kHz width.
Antenna: Comet made 50 MHz Yagi HB 4 element (gain 10.3 dBi)
astronomical azimuth 225 deg (=NE), elevation 7 deg.
Transmitter: MIYAZAKI University Japan, USB mode, 50 W (24 hours),
distance about 1225 km from Lon Tan.
Receiver: Icon PCR-1000 computer controlled all band receiver
```

Sensitivity: 0.25 uV for 10 dB S/N for USB mode
Observing method: the beacon 920 Hz voice signal (by FFTDSP) is
received by a low frequency filter (900 Hz)and fed into
the D/A converter and computer in real time.
Data sampling system: using an 8 bits A/D card to PC/AT and Qbasic program
with 1/8 second sampling interval to store the> 1.0 s reflections.

September 2000

```
2000|00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23LT
Sep|16 17 18 19 20 21 22 23 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15UT
----+--------------------------------------------------------------------------
2 | - - - - - - - - - - - - - - - - - - - - - - - - 10 9 13 8
3 | 8 17 15 14 9 12 10 21 19 - - - - - - - - - - - - - - - - - - - -
9 | - - - - - - - - - - - - - - - - - - - - - - - - 7 5 7 19 14 15
10 |26 21 12 14 16 19 23 8 15 - - - - - - - - - - - - - - - - - - - -
------------------------------------------------------------------------------
16 | - - - - - - - - - - - - - - - - - - - - - - - - 6 8 9 11 8
17 | - 8 12 21 20 17 14 19 - - - - - - - - - - - - - - - - - - - - - -
24 | - - - - - - - - - - - - - - - - - - - - - - - - 4 8 9 9 20 16 10
25 | 8 6 13 12 12 11 9 15 14 18 - - - - - - - - - - - - - - - - - - -
----+--------------------------------------------------------------------------
Sep|16 17 18 19 20 21 22 23 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15UT
2000|00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23LT
```

September strong and long lasting echoes list

LT strength duration
dBi s
Sep 9 23h43m > 20 > 60
23h49m > 20
04h37m > 20
06h10m > 15 > 120

16 08h53m > 20
24 07h48m > 120

Notes:
. "E" = weak E layer
. "I" = background noise interference affected the normal echoes
. this month, there were less total echoes and long lasting echoes
than during the same month of previous years.

Garfield Tsao

Observer: Ilkka Yrj&#65533;l&#65533;
Location: Finland (26 35' E, 60 54' N)
Frequency: 88.7 + 88.8 MHz
Receiver: Salora SRP-22 modified, narrow band FM (B=15 kHz)?
detected signal level >-122 dBm.
FM detection, no pulse noise rejection required.

Antenna: 2-el. Yagi, G=4 dBd to SW, azimuth 45 deg (SW), polarisation H.
Data sampling system: threshold triggering, sampling rate 32 ms.
Computer logs total hourly elapsed reflection time, number of
triggers for the hour, the longest time the signal was
continuously above detection level for the hour.
Data on major showers available in the Compact MS-Soft format.
Software for viewing available from
www.saunalahti.fi/~oh5iy/radio50.zip (754 K).

alpha Aurigids 2000

UT	31 Aug	1 Sep	2 Sep	3 Sep
0	387	333	359	263
1	320	339	297	63
2	236	334	351	140
3	312	386	427	90
4	426	375	75	
5	360	383	358	326
6	459	521	405	379
7	396	540	385	468
8	435	451	360	362
9	367	386	302	355
10	275	376	282	391
11	282	333	312	
12	261	370	285	
13	299	356	288	
14	285	272	233	
15	233	211		
16	251	243	228	174
17	220	204	192	201
18	240	206	222	
19	260	214	173	189
20	221	204	210	266
21	360	347	244	248
22	221	294		
23	180	277	295	318
UT	31 Aug	1 Sep	2 Sep	3 Sep

Note:
. 88 MHz tropo + Aurora on Aug 31, Aurora on Sep 2

Ilkka Yrj&#65533;l&#65533;

2. ABOUT THE RMOB

The RMOB is an independent initiative of some workers in the field of radio meteor scatter observations and data reduction. It started in August 1993 in order to spread rapidly the Perseid results via E-mail. Since then, it has appeared monthly, and it has gradually been expanded. In regularly publishing summaries of observations, potential radio observers are kept up to date of

existing installations, possibilities and limitations of radio meteor observations. In the long run, there should be sufficient observing stations to cover the whole globe, allowing to detect stream outbursts which may remain unnoticed visually.

RMOB contains typically: summaries of recent observations, equipment data, first results of stream activity by radio methods, relations between radio and optical meteors, references to other publications in the field of meteor astronomy and radio scatter techniques, announcements of meetings, short questions and answers, non-commercial (second hand) sale of radio equipment, available software.

Contributors are mentioned, and interested persons are asked to contact them directly.

RMOB can be copied freely in unabridged and unmodified form. Extracts should indicate the source (Radio Meteor Obs Bulletin, month and year).

If you want to subscribe (or un-subscribe) to the E-mail distribution list, please send a message to C. Steyaert.
Those not having access to E-mail can obtain a printed copy free of charge from J. Van Wassenhove (current or back-issues).

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http://www.sci.fi/~oh5iy/
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--
Christian Steyaert (RMOB0009) 8 October 2000
--

2409. Make a Solid Income on the Web

Newsgroup: rec.radio.amateur.space
Date: 2000-10-08 00:00:00 UTC
From: gerrarduffy@hotmail.COM
Message-ID: <200010081234.e98CYAG03045@mailbox1.ucsd.edu>
Source record: 8344

Dear Friend

You'll love this

Imagine your website having thousands... even million
of visitors every week.

Would that help you earn more money?

Then get the latest tactics to pull in visitors to your
website like a giant magnet.

Download Superior Marketing Tools & Tactics
Software... It's 100% FREE!

You will discover how to reach 10 Million people for just
ten dollars per million.

A step-by-step, easy to follow, directions on how to pull
over 1000 people per day to your website FREE... (you
won't
spend a dime in advertising costs).

You'll learn how to backdoor your way into the 3 best
search engines... these search engines are
responsible for 89%
of all search engine traffic.

You'll get a tool to determine what keywords you
should use BEFORE you submit your website so you'll
get the most
visitors to your website once your listing appears.

You'll get an instant Meta-tag tool to get a higher
ranking in the search engines.

Our secret to maximize your profits... something most
people would never know about.

What Ezine's are best to advertise in to get the most
from your advertising dollars.

Viral advertising tactics that most people never thought
of.

How to use free incentives as a lead generator.

$195.00 worth of secret reports and how to use them to
attract visitors to your website by the truckloads.

And More!

For the Web address, mailto:
mailto:gerrard@oorhame.worldonline.co.uk

I will send the Web Address by return and you can
enjoy the free software!

Sincerely,

Gerry
mailto:gerrard@oorhame.worldonline.co.uk

This is a one time e-mail transmission. No request for
removal is necessary.

2410. Re: Homebrew 70cm Antenna

Newsgroup: rec.radio.amateur.space
Date: 2000-10-08 00:00:00 UTC
From: Ash <ash@gravitywell.org>
Message-ID: <39E0CD95.96161F5C@gravitywell.org>
Source record: 8345
Cross-posted to: rec.radio.amateur.space,rec.radio.amateur.homebrew

I'd have a look at the Eggbeater 2 antenna,
I made one for 137mhz from his design and it's one of the best antennas
I've used

http://members.aol.com/k5oe/index.htm

Matt Donohoe wrote:

> I am looking for a good antenna to be able to work the LEO birds, I do
> not have AZ/EL control because I do not have a rotar, I place the
> antennas on my roof in a fixed position..
>
> I am wondering if anybody else does this and has any decent designs...
>
> If so could you please reply to this post and leave an address for
> them...
>
> Matt Donohoe
> M_DONOHOE@DINGOBLUE.NET.AU

2411. KLM ANTENNA SPACING

Newsgroup: rec.radio.amateur.space
Date: 2000-10-08 00:00:00 UTC
From: ke2ls@attglobal.net
Message-ID: <39E0FD51.588EFBA1@attglobal.net>
Source record: 8346

I have never operated satellites and am in the process of setting up my antenna system.

I have the KLM 2M-22C and KLM 435-40CX antennas. These will be mounted on the cross arm of a Yaesu 5500 rotator AZ/EL.

What is the spacing between the two antennas on the cross arm. The antennas and rotator will be mounted on a 16' tower.

Thanks for the assistance

Paul Mierop
KS2K

2412. Re: KLM ANTENNA SPACING

Newsgroup: rec.radio.amateur.space
Date: 2000-10-08 00:00:00 UTC
From: Ralph Mowery <rmowery@dialpoint.net>
Message-ID: <39E0FB07.2E8DA797@dialpoint.net>
Source record: 8347

I doubt the spacing will make much differance. I have a similar setup and used a 10 foot piece of pvc with a wood closet pole in it. Put the antennas near the end and slid the pipe in the rotator to make it balance. You just want to get them as far apart as you can to keep the rf out of the other band as you will normally be trying to receive while you are transmitting. A friend of mine had his set up the same but used a 7 foot pvc pipe.

Not sure what you are going to use to track the setup with but if you don't have a computer controled system you might want to look at the Fodtrack system that you can download from amsat.org. Small interface that plugs into the parallel port. The program is not the greatest but does get the job done. I usually run it to do the actual antenna pointing and another one to look at the time and position of where the sat is.

ke2ls@attglobal.net wrote:
>
> I have never operated satellites and am in the process of setting up
> my antenna system.
>
> I have the KLM 2M-22C and KLM 435-40CX antennas. These will be mounted
> on the cross arm of a Yaesu 5500 rotator AZ/EL.
>
> What is the spacing between the two antennas on the cross arm. The
> antennas and rotator will be mounted on a 16' tower.
>

2413. Re: License renewal

Newsgroup: rec.radio.amateur.space
Date: 2000-10-08 02:47:47 UTC
From: Bob Wex w2ilp <w2ilp@juno.com>
Message-ID: <8ron8i$74u$1@nnrp1.deja.com>
Source record: 8342
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.amateur.space

In article <39DC98BC.218420CD@3n.net>,
enfield@3n.net wrote:
> Bob Wex w2ilp wrote:
> > Don't give up on Ham Radio just because of the present licensing
> > format....and the present leadership. Ham Radio may still become
an
> > educational technical hobby in the future as it was in the past.
> >
> > Hams need more license classes and/or technical endorsements.
>
> With all due respect for nostalgia (I'm 61 myself) it'll never happen;
> not because of leadership good or bad, but because technology has
moved
> manufacturing and cutting edge research beyond most individuals'
> resources. Time was, Hams were building almost all their own gear and
> pushing the envelope of comm's technology but now integrated circuits
> require a $million investment to produce the first one, after which
> they're a penny apiece. Sure, I could build a 1940's technology rig
and
> many do just for fun, but it'll likely cost more for the parts than a
> new "appliance" rig that's far better. So, why demand that kids learn
> how to design and build antique gear when 99% of them -and us- will
> never do that (again)?

Rationalization!!!

I don't expect many hams will be able to custom build their own integrated circuits...although some have been instrumental in specifying I.C.s that have become commercial. Most old Hams never blew their own vacuum tubes either. Today you can buy kits that have been designed by members of TAPR, which exceed or preceed what may be available from Japanese manufacturers. We can buy I.C.s which are cheaper and more versatile than vacuum tubes were and experiment with them using low voltage batteries instead of potentially dangerous higher voltage power supplies. We can take advantage of the many cheaply available electronic components that are now even sold in Radio Shack, such as LEDs and opto-isolators.
If you have not been able to keep up with the solid-state age - that is your problem...but don't spread any fear of modern technology. I suggest that you read some of the booklets that were written by Forest Mimms for a starter. I am 67 years old but I never stop learning about electronic hardware.

> No, the future of Amateur Radio, if it has any future at all, lies in
> providing better personal and recreational communications for enough
> people to provide the political clout to keep the Ham bands dedicated
to
> that purpose.

Never happen...There is more "recreational communication" available via
the Internet than Ham Radio can ever provide. Hams can not expect to
be a very large percentage of the population in the future. Hams can
seek quality but not quantity. Hams can comply with providing the
kind of technical people who are an asset to the USA, as well as
themselves.

> Most CBrs are prolly interested in traffic and smokey reports but most
> of the ones on these NGs are more serious communicators, many doing
the
> same things hams do albiet illegally .. to everybodys loss. That's
why I
> encourage these CBrs to become Hams and Hams to lobby for removing
> artificial barriers to them doing that. My $0.02
>
> KA3DWW

Do you want Hams to only think like CBers? Or do you just expect CBers
to think like non-technical Hams? At any rate you must start to think
about what the difference is between CBers and Hams. You can start by
reading the Basis and Purpose of Ham Radio in FCC Part 97. Why do you
think that Hams are the only group of operators who are permitted to
build and service their own equipment?

I encourage techies to be Hams and CBers to remain CBers unless they
want to learn to be techies. I understand the difference between CBers
and Hams. Those who do not; will either kill Ham radio for everyone or
convert it into Citizn's Multi-Band (CMB), which for my $.02 is about
the same thing.

Hams need MORE license classes and/or endorsements.
Bob Wex w2ilp (Increase License Potential)

Does the name Pavlov ring a bell?
--?--

Sent via Deja.com http://www.deja.com/
Before you buy.

2414. ?æ???µ??????ô?.~~~~

Newsgroup: rec.radio.amateur.space
Date: 2000-10-09 00:00:00 UTC
From: ?Ž??? <munpc01@mail.hananet.net>
Message-ID: <GTeE5.1$Fg7.28@news.hananet.net>
Source record: 8249

???æ?.....?????ô?.^*??*^*??^*??^*??^*??^*??^*??^*??^*??^*??^*??

2415. ?æ?????ε???????ô?.~~~

Newsgroup: rec.radio.amateur.space
Date: 2000-10-09 00:00:00 UTC
From: ?Ž??? <munpc01@mail.hananet.net>
Message-ID: <LVeE5.3$Fg7.143@news.hananet.net>
Source record: 8250

?æ????ή□?.~~~~~~~~^*??

2416. LogSatv5.2 patch for Win_3.11

Newsgroup: rec.radio.amateur.space
Date: 2000-10-09 00:00:00 UTC
From: zl2tws@xtra.co.nz
Message-ID: <8rrvt4gsf1@nnrp1.deja.com>
Source record: 8251

Hi All

Just got LogSatv5.2 going on Win_95/98
and is now Y2K complient with patch 5.2.47
from the LogSat site. The programs works
perfectly using these OS. Very usfull features.
I do however need to use the program under
Win_3.11 on my old 486DX2-66 with 20meg RAM.
The patch fails to install due to a 32bit
file which is supplied called "NTUTIL.EXE"
I am using Win32s v1.30.166 and v1.30.172
and have tried both the 486 and a pentium
with still no luck. I am trying to get help
from the LogSat support people but does anyone
else have the same problem?

Thanks and 73's John ZL2TWS

Sent via Deja.com http://www.deja.com/
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2417. 736R PL Level?

Newsgroup: rec.radio.amateur.space
Date: 2000-10-09 00:00:00 UTC
From: Scott Schmautz <schmautz@i-2000.com>
Message-ID: <01c031e5$05072500$03bd61cf@default>
Source record: 8252

Hi All:

I have recently fired up my 736R after a period of disuse, and noticed that the PL level seems a bit high, as you can hear it in the audio. Anyone have any experience with this, and is there an easy way to adjust the level?
Thanks
Scott/WB2UZR

2418. AMATEUR sat listing

Newsgroup: rec.radio.amateur.space
Date: 2000-10-09 00:00:00 UTC
From: Franko <hb9oab>
Message-ID: <8rt3uh$gs8$1@bw107zhb.bluewin.ch>
Source record: 8253

It is possible to find one new (updatet) full frequency list from all amateur active sats with all qrg frequency info?

mny tnx

hb9oab@amsat.org

Wlog2000HomeLogBook
http://www.wlog2000.com

2419. Tracker source for VB6

Newsgroup: rec.radio.amateur.space
Date: 2000-10-09 00:00:00 UTC
From: Franko <hb9oab>
Message-ID: <8rt451gva1@bw107zhb.bluewin.ch>
Source record: 8254

I search source on "VB6" for sat tracking for home made application.

PLEAN13.bas from RUH is ok but for werry old Basic to many modifications.

Tnx for reply

hb9oab@amsat.org
HomePage
http://start.at/wlog
www.hb9oab.com

2420. New Hamtronics radio for WxSat

Newsgroup: rec.radio.amateur.space
Date: 2000-10-09 00:00:00 UTC
From: tegwilym@my-deja.com
Message-ID: <8rt6jo$g0j$1@nnrp1.deja.com>
Source record: 8255

Ok, after playing with a couple scanners, a turnstile antenna, pre-amp and finally building a QFH antenna for the attic, I bought one of the Hamtronics radios. I arrived last friday, and I have it hooked up and running now. WOW!!! This little radio works great! I thought my modified Pro-2038 was doing well, but this one blows that one away. I have a few new images up on my web page, and also added another page to the site that shows how my station has evolved in the 2 months I have been doing this.

Tom
Web: http://www.geocities.com/tegwilym

Sent via Deja.com http://www.deja.com/
Before you buy.

2421. Icom IC-910 - More Details

Newsgroup: rec.radio.amateur.space
Date: 2000-10-09 00:00:00 UTC
From: curt_chambers@my-deja.com
Message-ID: <8rt8vb$i36$1@nnrp1.deja.com>
Source record: 8256

Found some additional info on the new radio over on Icom's Japanese website. Some of the highlights as best as I could make out:

Main & Sub-Bands are completely independent in terms of operation and complete full duplex operation is possible.

In satellite mode the downlink freq. is set in the main band and the uplink in the sub-band automatically. There is a doppler shift control / reverse tracking and all of the usual satellite goodies. There are 10 satellite memories.

It also appears that two TNC's can be hooked up - one to the main band and one to the sub-band.

In Japan at least the 1200mhz unit (UX-910) is optional.

Memory channels: 99 per band unit - so if the UX-910 was installed you would have a total of 297 memories. Each band unit has 6 band-edge memory channels, 1 call channel per band as well.

Scanning is possible via:

Program Scanning (band edge to band edge)

Memory Scanning

Mode Scanning

Tone Scanning

Scanning is independent in either main or sub-band.

Other Misc things:

The PA utilitzes bipolar transistors in parallel.

At least in Japan the price/value equation is supposed to be very good given where these rigs were typically in the past. The "list" price appears to be just under $1400 US.

The unit is small....241mm(W) x 94mm(H) x 239mm (D).

9600bps packet ready.

UT-106 DSP UNIT - and if I am reading my translation correctly two DSP units can be installed - one for the main band and one for the sub-band.

Optional CW narrow filters - one for the main band and one for the sub-band.

Memo-Pad Function that allows a temporaty place to store freq/mode details while operating.

RF attenutation is independent in main & sub-bands.

VOX, Noise Blanker, IF Shift

The basic IC-910D appears to be a 50watt radio (both 2meters & 70cm) out of the box with a modification possible to get 100 watts on 2 meters and 75 watts on 70cm. They also have a IC-910 that appears to be a 20 watt model across the board...which if I remember correctly Icom has done this lots in the past with the Japanese market products. The optional 1200mhz unit has 10 watts max output.

If you have anymore specific questions I'll be happy to try and help just email me.

Curt Chambers
N9PHL
chambers@pubtool.com

Sent via Deja.com http://www.deja.com/
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2422. Re: New Hamtronics radio for WxSat

Newsgroup: rec.radio.amateur.space
Date: 2000-10-09 00:00:00 UTC
From: Giovanni Mazzola <mazzola@libero.it>
Message-ID: <7tpE5.25831$N93.853423@news.infostrada.it>
Source record: 8257

I've seen your latest pictures you got with the new receiver and now they
look great !
Your page is getting more interesting too.

My compliments for your efforts.

73s,

Giovanni, IT9XXS (Hercules)

<tegwilym@my-deja.com> wrote in message news:8rt6jo$g0j$1@nnrp1.deja.com...
> Ok, after playing with a couple scanners, a turnstile antenna, pre-amp
> and finally building a QFH antenna for the attic, I bought one of the
> Hamtronics radios. I arrived last friday, and I have it hooked up and
> running now. WOW!!! This little radio works great! I thought my
> modified Pro-2038 was doing well, but this one blows that one away.
> I have a few new images up on my web page, and also added another page
> to the site that shows how my station has evolved in the 2 months I
> have been doing this.
>
> Tom
> Web: http://www.geocities.com/tegwilym
>
>
>
>
> Sent via Deja.com http://www.deja.com/
> Before you buy.

2423. Re: New Hamtronics radio for WxSat

Newsgroup: rec.radio.amateur.space
Date: 2000-10-09 00:00:00 UTC
From: Ash <ash@gravitywell.org>
Message-ID: <39E22C8B.4FC6F4CC@gravitywell.org>
Source record: 8258

You say on your website Satsignal only works with 10% of your
recordings...
There are some options to fiddle with, such as sampling rate, you see
quite easily if the picture
is skewed. Personally I could not live without satsignal, first of all the
fake coloring is great
second - it corrects for too low / too high signal input , almost every
picture on my page
http://www.gravitywell.org/wefax.htm is processed with satsignal, just not
the first few ones,
I even threw most of my old pictures away.
Anyways, it works like a charm on all (at least my) recordings, try
playing with the settings...

//Ash

tegwilym@my-deja.com wrote:

> Ok, after playing with a couple scanners, a turnstile antenna, pre-amp
> and finally building a QFH antenna for the attic, I bought one of the
> Hamtronics radios. I arrived last friday, and I have it hooked up and
> running now. WOW!!! This little radio works great! I thought my
> modified Pro-2038 was doing well, but this one blows that one away.
> I have a few new images up on my web page, and also added another page
> to the site that shows how my station has evolved in the 2 months I
> have been doing this.
>
> Tom
> Web: http://www.geocities.com/tegwilym
>
> Sent via Deja.com http://www.deja.com/
> Before you buy.

2424. Re: Icom IC-910 - More Details

Newsgroup: rec.radio.amateur.space
Date: 2000-10-09 00:00:00 UTC
From: Doug Faunt N6TQS +1-510-655-8604 <faunt@panix.com>
Message-ID: <mfrn1gd7dnz.fsf@panix2.panix.com>
Source record: 8259

curt_chambers@my-deja.com writes, describing the IC-910:

>
> The unit is small....241mm(W) x 94mm(H) x 239mm
> (D).
>
Minor nit: This is exactly the same size as listed for the IC-821, and
that's not all that small any more.

Great information, though.

73, doug

2425. Re: New Hamtronics radio for WxSat

Newsgroup: rec.radio.amateur.space
Date: 2000-10-09 00:00:00 UTC
From: "Tom G." <tegwilym@wolfenet.com>
Message-ID: <m%uE5.155$rW.57636@den-news1.rmi.net>
Source record: 8260

> You say on your website Satsignal only works with 10% of your
> recordings...
> There are some options to fiddle with, such as sampling rate, you see
> quite easily if the picture
> is skewed. Personally I could not live without satsignal, first of all the
> fake coloring is

I was only able to process about 10% of the files with the scanner radio I was running. Now that I got the Hamtronics I can process about 99% of them with no problems! There is a few images that just didn't record well enough becuase of a low pass or something, but SatSignal has done a great job with the colors. I haven't had to change anything on it with this radio.

Tom KA7VIK

http://www.geocities.com/tegwilym

2426. Re: New Hamtronics radio for WxSat

Newsgroup: rec.radio.amateur.space
Date: 2000-10-09 00:00:00 UTC
From: "Tom G." <tegwilym@wolfenet.com>
Message-ID: <O0vE5.158$rW.57816@den-news1.rmi.net>
Source record: 8261

Giovanni Mazzola <mazzola@libero.it> wrote in message
news:7tpE5.25831$N93.853423@news.infostrada.it...
> I've seen your latest pictures you got with the new receiver and now they
> look great !
> Your page is getting more interesting too.
>
> My compliments for your efforts.
>
> 73s,

Thanks for the comments! My next plan is to work out a way to display the pictures better rather than just a long list of daily updates. I might try something with some thumbnail images, but that is always a lot of extra messing around to make the small and large images. I'll figure something out!

2427. Re: Homebrew 70cm Antenna

Newsgroup: rec.radio.amateur.space
Date: 2000-10-09 05:36:14 UTC
From: treynolds@email.exide.com
Message-ID: <8rrlge$8v3$1@nnrp1.deja.com>
Source record: 8348
Cross-posted to: rec.radio.amateur.space,rec.radio.amateur.homebrew

K50E's web site contains quite explicit instructions on making eggbeaters. I made a 2 meter one before I discovered K5OE's web site by following the ARRL Antenna Handbook. I basically downsized their loop design for HF. It had the advantage over K5OE's design in that it didn't require 93 ohm coax. A quarter wave section of 75 ohm line provided a matching transformer from the 100 ohm feedpoint to the 50 ohm coax. A quarter wave of coax is a lot easier to measure at 7 MHz than at 146 MHz but it worked.

Anyhow, I run 60w SSB and 30w CW into the antenna and can get quite good signals into RS13, FO29, and FO20 at ranges out to 2500 KM or so.

Good luck,
Tom

In article <39E0CD95.96161F5C@gravitywell.org>,
Ash <ash@gravitywell.org> wrote:
> I'd have a look at the Eggbeater 2 antenna,
> I made one for 137mhz from his design and it's one of the best
antennas
> I've used
>
> http://members.aol.com/k5oe/index.htm
>
> Matt Donohoe wrote:
>
> > I am looking for a good antenna to be able to work the LEO birds, I
do
> > not have AZ/EL control because I do not have a rotar, I place the
> > antennas on my roof in a fixed position..
> >
> > I am wondering if anybody else does this and has any decent
designs...
> >
> > If so could you please reply to this post and leave an address for
> > them...
> >
> > Matt Donohoe
> > M_DONOHOE@DINGOBLUE.NET.AU
>
>

Sent via Deja.com http://www.deja.com/
Before you buy.

2428. Re: AMATEUR sat listing

Newsgroup: rec.radio.amateur.space
Date: 2000-10-10 00:00:00 UTC
From: JoAnne Maenpaa <joanne_maenpaa@email.com>
Message-ID: <39E31D9F.6D081EDE@email.com>
Source record: 8263

Hi Franko,

> It is possible to find one new (updatet) full frequency list from all
> amateur active sats

Here are a couple of web pages which may help you in your search for
information:

http://www.amsat.org
In addition to all the information on their web page, their weekly
amsat bulletin provides the frequency and operational status of all
amateur satellites in service.

http://www.heavens-above.com
This page is mostly for visual tracking of orbiting objects. They
have added a section showing amateur satellites which will pass within
range of your specified QTH for each 24 hour period. That page includes
frequency information as well.

I hope this helps,
--
JoAnne WB9JEJ

2429. Link Budget Calculations

Newsgroup: rec.radio.amateur.space
Date: 2000-10-10 00:00:00 UTC
From: "Leland C. Scott" <no-spam@junk-mail.net>
Message-ID: <su6fac3jkha948@corp.supernews.com>
Source record: 8264

Does anyone have a Mathcad or Excel worksheet for doing satellite link budget calculations? I am looking for something that will automatically include factors for, frequency, sky temps, receiver noise figure, coax loss, coax noise figure, preamp noise figure/gain, antenna gains etc.

--
Leland C. Scott
KC8LDO

2430. Re: AMATEUR sat listing

Newsgroup: rec.radio.amateur.space
Date: 2000-10-10 00:00:00 UTC
From: Will Marchant <kc6rol@amsat.org>
Message-ID: <39E34405.8C19D282@amsat.org>
Source record: 8265

The AMSAT weekly news bulletin (available from
http://www.amsat.org/amsat/news.html) has complete status and
frequencies on all the OSCARs. AMSAT also sells a "quick reference"
card that shows modes and frequencies for the hamsats.

Franko wrote:
>
> It is possible to find one new (updatet) full frequency list from all
> amateur active sats with all qrg frequency info?
>
> mny tnx
>
> hb9oab@amsat.org
>
> Wlog2000HomeLogBook
> http://www.wlog2000.com

--
Will Marchant
marchant@ssl.berkeley.edu http://chips.ssl.berkeley.edu/
kc6rol@amsat.org http://www.citizen.infi.net/~wmarchan/

2431. Re: Satellite & Antenna

Newsgroup: rec.radio.amateur.space
Date: 2000-10-10 00:00:00 UTC
From: "R.L. Tannehill, P.E." <rickw7rt@firstinter.net>
Message-ID: <39E388A0.72152CA5@firstinter.net>
Source record: 8266

Check the latest AMSAT Journal....it has quite a bit of info about link gain calculations as it applies to P3D.

Rick T.
W7RT

2432. Satellite & Antenna

Newsgroup: rec.radio.amateur.space
Date: 2000-10-10 03:38:50 UTC
From: Schneider <js@sprintmail.com>
Message-ID: <39E28F45.7023D766@sprintmail.com>
Source record: 8262

Take a look at this sight, some good ideas!

http://www.homestead.com/KK5UFO/

73's
Jeff

2433. Re: License renewal + Pavlov on Porn

Newsgroup: rec.radio.amateur.space
Date: 2000-10-11 00:00:00 UTC
From: Old Biker <enfield@3n.net>
Message-ID: <39E47F41.59AC582A@3n.net>
Source record: 8268
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.amateur.space

Subject: Re: License renewal + Pavlov on Porn
Date: Tue, 10 Oct 2000 13:49:46 -0400
From: Old Biker <enfield@3n.net>
Reply-To: enfield@3n.net

Bob Wex w2ilp wrote:
>
> Rationalization!!!
>
You miss my point, Bob. Sure, you can build stuff that performs half as
well as off-the-shelf gear for twice the cost, but there are too few
folks wanting to do that to keep FCC from reallocating our spectrum.

> I don't expect many hams will be able to custom build their own
> integrated circuits...(but) We can take advantage of the many
> cheaply available electronic components that are now even sold in Radio
> Shack, such as LEDs and opto-isolators.

Experiment with them to discover what? What kind of gear are you going
to build out of this stuff? A morse decoder that won't work because most
fists are too poor to copy? An archaic QRP rig? With all due respect for
TAPR, how are you going to advance the art by breadboarding somebody
else's design using Radio Shack components?

> If you have not been able to keep up with the solid-state age ....

I am a senior engineer in a Government lab evaluating off-the-shelf
(COTS) hardware for applicability to military needs because - guess what
- not even Uncle Sam can afford to custom design and build his own
hardware any more. It isn't cost-effective and the gear is outdated
before we can get it to the fleet.
>
> Never happen...There is more "recreational communication" available via
> the Internet than Ham Radio can ever provide. Hams can not expect to
> be a very large percentage of the population in the future. Hams can
> seek quality but not quantity. Hams can comply with providing the
> kind of technical people who are an asset to the USA, as well as
> themselves.
>
I fear your statements re: the internet and population are true. In that
case, Amateur radio has no future and we may as well turn over 2-meters
to the CBrs
and the HF bands to businesses.

As far as hobby homebrewing providing qualified technical people, you must be joking. Tech's who breadboard other peoples' designs are a dime a dozen; or rather $10/hour. In 1950, industry was hungry for BSEE's to design new circuits but now only the best EEs - the top 1% perhaps - are designing circuits for chipmakers and the rest are overpaid techs using those chips like legos. Hell, most are coding software because there are more EEs than real EE jobs! Nothing you can build out of Radio Shack components is going to train anyone to join that 1%. Sorry ....

> Do you want Hams to only think like CBers? Or do you just expect CBers
> to think like non-technical Hams? At any rate you must start to think
> about what the difference is between CBers and Hams.

Hmmm.. we say "roger" and "OM" instead of "10-4" and "good buddy"? ;o) It may be a blow to your self esteem OM, but from my perspective there has been little difference since economics turned us into "appliance hams". Federal law makes CBrs buy COTS equipment; economics makes most hams do likewise. A tiny percent of CBrs violate FCC law to build their own gear; a tiny percent of hams violate economic common sense to do likewise. A few bad apples poison the CB barrel and judging by FCC enforcement logs a few hams do likewise. The major difference I see is that Amateurs properly report the bad apples and help the FCC catch them while CBrs do not, but that could be rectified.

> You can start by reading the Basis and Purpose of Ham Radio ...

" (b) Continuation and extension of the amateur's proven ability to contribute to the advancement of the radio art.
(c) Encouragement and improvement of the amateur service through rules which provide for advancing skills in both the communication and technical phases of the art.
(d) Expansion of the existing reservoir within the amateur radio service of trained operators, technicians, and electronics experts."

Do you suggest that we are doing these things using Radio Shack components?

> Why do you think that Hams are the only group of operators who are
> permitted to build and service their own equipment?

For the same reason that my grandfather got to fly without taking an FAA exam: because it made sense back then. When the service was established, and radio was in its infancy, amateurs did indeed contribute a lot to the state of the art, both technically and operationally, and morse code was essential to operating proficiency. This is no longer true. Those who have contributed in the last decade or so may have been amateurs by coincidence but they didn't contribute *because* they were amateurs; they contributed because they had access to well funded labs. So, to address your question, the reason we still have the privileges they earned is that we have so strong a lobby that taking away those privileges has been politically unwise ... but that lobby is shrinking.

> Hams need MORE license classes and/or endorsements.

I have a better idea. Let's have just one class with one test: in one week, independently design a transceiver equal in size and performance to the latest COTS transceivers without duplicating any of their designs. That way there won't be so many people "cluttering up" the bands, right? Not even you or I ... :o(

> Does the name Pavlov ring a bell?

Indeed it does. Pavlov demo'd that one could cause a biological response by showing some abstract figure only, and the key is "only", just before the subject got to eat, et cetera. You may also know that porn is defined as that which arouses us sexually. It follows that censorship creates porn by turning otherwise common items into porn by denying us their common view and instead allowing us to see them only just before sex. How about them apples?

73 all, de KA3DWW

2434. Re: Scientific Atlanta Receiver Series 9600

Newsgroup: rec.radio.amateur.space
Date: 2000-10-11 03:10:06 UTC
From: "3.14159265358979323846264338327 95" <rfspace@yahoo.com>
Message-ID: <iSQE5.24596$oA2.3527991@typhoon.southeast.rr.com>
Source record: 8267

It's a regular L band FM video demodulator. I have the specs somewhere.

Pieter

"Jim Jerzycke" <kq6ea@amsat.org> wrote in message
news:39D734A2.D9777648@amsat.org...
> If it's an analog L-Band input receiver it might be usable for ATV.
> Check the ARRL Repeater Guide for L-Band (1.2 GHz) ATV repeaters in your
> area, and give it a try. I couldn't find any reference to it on
> Scientific Atlanta's website, so I assume it's an older "consumer"
> model. How do you enter the frequency? By satellite name and transponder
> number, or can you directly enter the C-Band downlink? All of the analog
> receivers I use at work will take either the C-Band input freq,
> transponder number, or the L-Band output freq from the LNB.
> 73, Jim
>
>
>

2435. michigan Hams

Newsgroup: rec.radio.amateur.space
Date: 2000-10-12 00:00:00 UTC
From: helmsman <>
Message-ID: <5i4buskahc2v8s7s3cuq43e8uaa1734d2j@4ax.com>
Source record: 8269

This is a call for action for all Hams that want to continue using their MOBILE radios, or even wish to transport their PORTABLE/HANDHELD radios in their vehicles without obtaining a special permit from the Michigan State Police.

On Sept. 27, 2000, Michigan Rep. Mike Kowall sponsored House Bill HB-6012 that amends sec. 508 of 1931 PA 328 (MCL 750.508). Co-sponsors to this amendment are Reps. Cassis, Julian, Shackleton, Birkholz, Howell, Scranton, and Tabor and has been referred to the Committee on Transportation.

Sec. 508 has been completely rewritten.

Subsection (1) states ...shall not either equip a vehicle with a radio receiver, or possess in a vehicle a portable radio receiver that receives...

Subsection (2) does not exempt Hams from the permit requirement as the non-amended sec. 508 did.
Subsection (2) states ...does not apply to a vehicle owned or used by an individual who has obtained a valid permit...
This permit requirement applies to Law Enforcement Officers and Amateur Radio Operators.

This is a bad Bill for Amateur Radio in Michigan on the whole, and especially for those attempting to provide a service to our communities. This is another hurdle which should not have to be jumped by the volunteers that give so much already.

Call or e-mail your State Representative today and let's put a stop to this foolishness. You can find your Representatives number in the phone book or by going to http://www.michiganlegislature.org/ and then scrolling to the "Links to Other Sites" "State House".

HB 6012 reads as follows:

(1) Except as provided in Subsection (2), A person shall not either equip a vehicle with a radio receiver, or POSSESS in a vehicle a portable radio receiver, that receives radio frequencies assigned by the federal communications commission for police purposes.

(2) Subsection (1) does not apply to a vehicle owned or used by an individual who has obtained a valid permit from the director of the department of the State Police on a form prescribed by the director and who is either of the following:

(A) a law enforcement officer certified pursuant to the commission on law enforcement standards act, 1965 PA 203, MCL 28.601 to 28.616.

(B) An amateur radio operator licensed by the Federal communications commission in 1 of the following classes:

(i) technician class
(ii)Tech Plus class
(iii)general class
(iv) advanced operator class
(v)Amateur extra operator class

(3) this section does not restrict or prohibit equipping a vehicle with or using a radar detector.

Violations of this law carry a 1 yr jail sentence and a $500.00 fine.
.
.
KG8PM
http://www.mindspring.com/~helmsman

2436. WTT FT-726r HF module

Newsgroup: rec.radio.amateur.space
Date: 2000-10-12 00:00:00 UTC
From: Davev <dvari@adelphia.net>
Message-ID: <9giF5.256$%J6.21633@news1.news.adelphia.net>
Source record: 8270
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.space,rec.radio.swap

Want to trade my Yaesu FT-726r HF module,covers 10,12,15 meters for either
the Yaesu FT-726r 432 module or
2mtr amp. w/pre-amp....or ???????
de dave

2437. Make a 6.46 dBd yagi

Newsgroup: rec.radio.amateur.space
Date: 2000-10-12 00:00:00 UTC
From: Schneider <js@sprintmail.com>
Message-ID: <39E6004A.16B88C27@sprintmail.com>
Source record: 8271

--
http://www.homestead.com/KK5UFO/

2438. Make a 6.46 dBd yagi

Newsgroup: rec.radio.amateur.space
Date: 2000-10-12 00:00:00 UTC
From: Schneider <js@sprintmail.com>
Message-ID: <39E60050.6251B410@sprintmail.com>
Source record: 8272

Make your own yagi antenna from an old TV antenna.

access at "homemade" for photos
or "BLUE PRINT" for drawing.

--
http://www.homestead.com/KK5UFO/

2439. Re: michigan Hams

Newsgroup: rec.radio.amateur.space
Date: 2000-10-12 00:00:00 UTC
From: n1rz <purlnoid2k@hotmail.com>
Message-ID: <tDnF5.14110$Km6.449136@news-west.usenetserver.com>
Source record: 8273

there was a similar bill in NJ that took place about 8 years ago or so. It
was overturned do to public pressure.

Don't let them do this to you!

Tim R. Havens
N1RZ

<helmsman> wrote in message
news:5i4buskahc2v8s7s3cuq43e8uaa1734d2j@4ax.com...
> This is a call for action for all Hams that want to
> continue using their MOBILE radios, or even wish to
> transport their PORTABLE/HANDHELD radios in their
> vehicles without obtaining a special permit from the
> Michigan State Police.
>
> On Sept. 27, 2000, Michigan Rep. Mike Kowall sponsored
> House Bill HB-6012 that amends sec. 508 of 1931 PA 328
> (MCL 750.508). Co-sponsors to this amendment are Reps.
> Cassis, Julian, Shackleton, Birkholz, Howell,
> Scranton, and Tabor and has been referred to the
> Committee on Transportation.
>
> Sec. 508 has been completely rewritten.
>
> Subsection (1) states ...shall not either equip a
> vehicle with a radio receiver, or possess in a vehicle
> a portable radio receiver that receives...
>
> Subsection (2) does not exempt Hams from the permit
> requirement as the non-amended sec. 508 did.
> Subsection (2) states ...does not apply to a vehicle
> owned or used by an individual who has obtained a
> valid permit...
> This permit requirement applies to Law Enforcement
> Officers and Amateur Radio Operators.
>
> This is a bad Bill for Amateur Radio in Michigan on
> the whole, and especially for those attempting to
> provide a service to our communities. This is another
> hurdle which should not have to be jumped by the
> volunteers that give so much already.
>
> Call or e-mail your State Representative today and
> let's put a stop to this foolishness. You can find

> your Representatives number in the phone book or by
> going to http://www.michiganlegislature.org/ and then
> scrolling to the "Links to Other Sites" "State House".
>
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> HB 6012 reads as follows:
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> (1) Except as provided in Subsection (2), A person
> shall not either equip a vehicle with a radio
> receiver, or POSSESS in a vehicle a portable radio
> receiver, that receives radio frequencies assigned by
> the federal communications commission for police
> purposes.
>
> (2) Subsection (1) does not apply to a vehicle owned
> or used by an individual who has obtained a valid
> permit from the director of the department of the
> State Police on a form prescribed by the director and
> who is either of the following:
>
> (A) a law enforcement officer certified pursuant to
> the commission on law enforcement standards act, 1965
> PA 203, MCL 28.601 to 28.616.
>
> (B) An amateur radio operator licensed by the Federal
> communications commission in 1 of the following
> classes:
>
> (i) technician class
> (ii)Tech Plus class
> (iii)general class
> (iv) advanced operator class
> (v)Amateur extra operator class
>
> (3) this section does not restrict or prohibit
> equipping a vehicle with or using a radar detector.
>
> Violations of this law carry a 1 yr jail sentence and
> a $500.00 fine.
> .
> .
> KG8PM
> http://www.mindspring.com/~helmsman

2440. The search for a gene

Newsgroup: rec.radio.amateur.space
Date: 2000-10-12 00:00:00 UTC
From: analog24@webtv.net
Message-ID: <13101-39E677E2-60@storefull-177.iap.bryant.webtv.net>
Source record: 8274

GENETIC
FACTOR EYED

Biofeedback Systems in Los Angeles, is looking for
volunteers with a rare genetic inheritance, to participate in a
proprietary study.
At present, it is believed that fewer than one person in 400
carries a rare genetic makeup that predisposes them to having better
health than most, a strong immune system, and an unusually high energy
level. Aside from behavioral manifestations such as a generally positive
outlook on life, the principal evidence that this genetic factor is
present, is mirrored in the shape of the eyes.
It should come as no surprise then, that the eyes themselves
would be used to select the people who are nost likely to have this
elusive gene. Individuals selected for this study will be white,
Caucasian, of either gender, and between the ages of 25 and 50.
Compensation will be determined by a collective evaluation of the total
number of applicants selected. Drugs will not be administered as a part
of the study.
The eye contour that embodies the required genetic trait,
has been roughly described as "almond shaped," but this is not an
adequate definition. Exact specifications follow.
Looking in the mirror with the head level, the qualified
applicant will see that the lower half of their eyelid is CONVEX UPWARD,
from the bottom on either corner. The bottom part of the iris will be
partially covered by the lower eyelid (this is important), and there
will be a reasonable symmetry between the eyes on the left and right
side of the face.
Applicants must submit a close-up facial photograph for
evaluation. Since no risk or disease factors have been associated with
this gene, any risk to volunteers in the study is contraindicated.
Interestingly, it is apparent that the "energy gene" as it has been
called, may be dormant in one or both parents, yet it may be actively
transmitted to their children; but it is only infrequently active among
two or more siblings.
If you know of a person, or happen to notice one whose eyes
might qualify them for this study (preferrably among those employed in
the technical community), you may want to share this data with them.
Since so few people are fortunate enough to carry this gene, your only
encounter with one of them may be in a fleeting moment. It would be
wonderful if you had a copy of this announcement with you, and could
share it with a prospect in passing. Alternatively, you could specify
this website and posting date, or perhaps my email address.
They may then contact Mr. Norman Swartz at this

[virus-proof] email address: analog24@webtv.net (It is not generally realized that, because webtv has no hard drive, it is immune to destructive computer viruses.) Or, they may write to: Biofeedback Systems, Post Office Box 8501, La Crescenta, CA 91214. No telephone calls please. Depending upon the number of volunteers selected, applications will be accepted through the end of December 2000, with a possible extension through 31 January 2001. The duration of the study will be a minimum of two years.

2441. Latest satellite images.

Newsgroup: rec.radio.amateur.space
Date: 2000-10-12 00:00:00 UTC
From: "Tom G." <tegwilym@wolfenet.com>
Message-ID: <vnwF5.192$iL2.92934@den-news1.rmi.net>
Source record: 8275

I have some more new NOAA-16 images up on my site. I seem to be able to see farther east all the time now. I am able to see all the way to the east of the Great Lakes now, and very clearly too! I moved my web site again since Geocities was pretty inconsistant with keeping the site running properly. I hear rumors that NOAA-16 has the IR camera running now. I'll have to run the station overnight and see if I can catch some of those images.

Tom -- KA7VIK
http://tegwilym.freeservers.com

2442. WxSat Site

Newsgroup: rec.radio.amateur.space
Date: 2000-10-13 00:00:00 UTC
From: Otso Laakso <ode@clinet.fi>
Message-ID: <39E6BF49.DFBC9429@clinet.fi>
Source record: 8276

For wxsat enthusiast, I have a weather satellite page in Finland.

http://www.pp.clinet.fi/~ode/

or direcly to wxsat page

http://www.pp.clinet.fi/~ode/wefax.htm

Otso Laakso
Tuusula, Finland

2443. Re: WxSat Site

Newsgroup: rec.radio.amateur.space
Date: 2000-10-13 00:00:00 UTC
From: tegwilym@my-deja.com
Message-ID: <8s7o0d$54d$1@nnrp1.deja.com>
Source record: 8277

Me too! Check out my page: http://tegwilym.freeservers.com

Tom KA7VIK
Bellevue, WA

> For wxsat enthusiast, I have a weather satellite page in Finland.
>
> http://www.pp.clinet.fi/~ode/
>
> or direcly to wxsat page
>
> http://www.pp.clinet.fi/~ode/wefax.htm
>
> Otso Laakso
> Tuusula, Finland
>
>

Sent via Deja.com http://www.deja.com/
Before you buy.

2444. Space Shuttle Transmitting SSTV

Newsgroup: rec.radio.amateur.space
Date: 2000-10-14 00:00:00 UTC
From: treynolds@email.exide.com
Message-ID: <8sa93cvdi1@nnrp1.deja.com>
Source record: 8279

With the KU band transmitter going out on the space shuttle they are
transmitting video using slow scan. Does anyone know the specifics?
Like what frequency and format? Or some suggestions on where to look?

Tom

Sent via Deja.com http://www.deja.com/
Before you buy.

2445. Re: Space Shuttle Transmitting SSTV

Newsgroup: rec.radio.amateur.space
Date: 2000-10-14 00:00:00 UTC
From: Online DX Logbook <odxl@hotmail.com>
Message-ID: <8saceb$1qf$1@news7.svr.pol.co.uk>
Source record: 8280

2250.000 MHz Wideband FM rings bells, I will try to find out more.

--
73's
Graham Powell

Webmaster for the Online DX Logbook
The most up-to-date Shortwave and Tropical Band Loggings are always on the
Online DX Logbook at:- http://www.odxl.org.uk http://www.odxl.co.uk or
http://www.dxsheigra.freeserve.co.uk
==========
<treynolds@email.exide.com> wrote in message
news:8sa93cvdi1@nnrp1.deja.com...
> With the KU band transmitter going out on the space shuttle they are
> transmitting video using slow scan. Does anyone know the specifics?
> Like what frequency and format? Or some suggestions on where to look?
>
> Tom
>
>
> Sent via Deja.com http://www.deja.com/
> Before you buy.

2446. STS-92 LAUNCH PICS

Newsgroup: rec.radio.amateur.space
Date: 2000-10-14 00:00:00 UTC
From: TSE <webmaster@space-shuttle.com>
Message-ID: <8sajsa$g6d$1@bw107zhb.bluewin.ch>
Source record: 8281

STS-92 LAUNCH PICS

STS-92 launch pics taken from NASA CAUSEWAY are available under:
http://www.space-shuttle.com/sts92main.htm

****
PLEASE VISIT TSE - THE SPACE EXPERIENCE
http://www.space-shuttle.com
****

2447. Re: Space Shuttle Transmitting SSTV

Newsgroup: rec.radio.amateur.space
Date: 2000-10-14 00:00:00 UTC
From: frg9600 <frg9600@home.com>
Message-ID: <0p6G5.319714$i5.4689616@news1.frmt1.sfba.home.com>
Source record: 8282

Could someone provide audio for this over the internet to decode pictures?

Online DX Logbook <odxl@hotmail.com> wrote in message
news:8saceb$1qf$1@news7.svr.pol.co.uk...
> 2250.000 MHz Wideband FM rings bells, I will try to find out more.
>
>
> --
> 73's
> Graham Powell
> --
--
> --
> Webmaster for the Online DX Logbook
> The most up-to-date Shortwave and Tropical Band Loggings are always on the
> Online DX Logbook at:- http://www.odxl.org.uk http://www.odxl.co.uk or
> http://www.dxsheigra.freeserve.co.uk
> ==
> <treynolds@email.exide.com> wrote in message
> news:8sa93cvdi1@nnrp1.deja.com...
> > With the KU band transmitter going out on the space shuttle they are
> > transmitting video using slow scan. Does anyone know the specifics?
> > Like what frequency and format? Or some suggestions on where to look?
> >
> > Tom
> >
> >
> > Sent via Deja.com http://www.deja.com/
> > Before you buy.
>
>

2448. Re: License renewal + Pavlov

Newsgroup: rec.radio.amateur.space
Date: 2000-10-14 00:00:00 UTC
From: jeffreyh@Hawaii.Edu
Message-ID: <8sarlr$5vm$1@news.hawaii.edu>
Source record: 8283
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.amateur.space

enfield@3n.net wrote:
> An archaic QRP rig?

Low-power transmitters have become archaic? =:o

2449. Re: License renewal + Pavlov on Porn

Newsgroup: rec.radio.amateur.space
Date: 2000-10-14 03:58:03 UTC
From: Bob Wex w2ilp <w2ilp@juno.com>
Message-ID: <8s8lka$s4r$1@nnrp1.deja.com>
Source record: 8278
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.amateur.space

In article <39E47F41.59AC582A@3n.net>,
enfield@3n.net wrote:
> Subject: Re: License renewal + Pavlov on Porn
> Date: Tue, 10 Oct 2000 13:49:46 -0400
> From: Old Biker <enfield@3n.net>
> Reply-To: enfield@3n.net
>
> Bob Wex w2ilp wrote:
> >
> > Rationalization!!!
> >
> You miss my point, Bob. Sure, you can build stuff that performs half
as
> well as off-the-shelf gear for twice the cost, but there are too few
> folks wanting to do that to keep FCC from reallocating our spectrum.

When I build stuff it is built according to my own needs and
specifications and well within the parameters of the same hardware
(such as low noise FET front ends as any of the major mfgs can
perovide. My stuff might not look as good aesthetically or be as
compact as commercially mass produced stuff but it serves my purpose
and is easier to service with the tools that I built it with. I don't
care how few Hams can build stuff but I do care if we forget to try to
teach those who might be interested in building stuff how easy it is to
do so. The costs are not excessive and are frequently less than the
cost of finished gear. I buy newly developed chips and other
components in small quantities of what I need from Digi-Key or Mouser.
I am a pack rat and save lots of parts. I salvage parts from old used
equipment. I buy stuff at HamFests. In short I know what I may be
needing and I buy it of canabalize junk to get it. I have many low
voltage power supplies on hand for experimentation and can easily
duplicate them from parts on my shelf. Often the junk has been built to
MIL standards and the parts are of high quality....sometimes higher
quality than mass producers might use. I test new circuits on
solderless contact boards before building the finished product. For RF
circuitry I don't always use PC boards. Sometimes I use a matal ground
plane in which I mount teflon standoff terminals for point to point
wiring. Sometimes I do use stripline PC boards...but only when this is
necessary.
>
> > I don't expect many hams will be able to custom build their own
> > integrated circuits...(but) We can take advantage of the many
> > cheaply available electronic components that are now even sold in

Radio
> > Shack, such as LEDs and opto-isolators.
>
> Experiment with them to discover what?

Some say that Columbus did not discover America because there were people already here. If I build a new circuit using a 555 chip and some blinking LEDs I might not be discovering anything that others have not been able to discover....but it is for me a discovery; Just like when I discover where I left my can keys after I lost them...it is a satisfaction!

> What kind of gear are you going
> to build out of this stuff? A morse decoder that won't work because most
> fists are too poor to copy?
Morse decoders that won't work may be troubled by their software. This is a problem that is evident in the commercial decoders as well.

> An archaic QRP rig?

It is not archaic if it meets or beats the specs that a commercial rig can provide. There are only QRP xmitters...Receivers IMHO are tasked to do the same job in any case.
> With all due respect for
> TAPR, how are you going to advance the art by breadboarding somebody
> else's design using Radio Shack components?

If I find any bugs I would report them to TAPR. To be honest I have not built any TAPR kits...but I do read TAPR literture and may try building their kits or duplicating them in the future. I am especially interested in Spread Spectrum and if all goes well with others who use it I may be building some stuff that can communicate with them...but first I must learn as much as will be needed. I can not get it all from text books such as Dixon...nor fro ARRL pubs. To boil it down to actual design with real components I must underrstand all that is needed first. Now...even if I never live to actually building any SS gear, I can enjoy planning to do so...Just as some people enjoy planning to build a house or garder even though they may never be able to astually do so. I can build "breadboard" circuits that would be part of the finished product and see if they can function properly. Even if I don't build an entire working system I can get some self satisfaction out of that and I can understand the difficulties involved for others and appreciate their innovation if my circuits fail as well.
>
> > If you have not been able to keep up with the solid-state age ....
>
> I am a senior engineer in a Government lab evaluating off-the-shelf
> (COTS) hardware for applicability to military needs because - guess what
> - not even Uncle Sam can afford to custom design and build his own

> hardware any more. It isn't cost-effective and the gear is outdated
> before we can get it to the fleet.

I know! I worked on many government projects as an EE. You are preaching to the chior on that point...but my cellar is not a government job operation and I don't have to work under the burocracy of government regulations and MIL specs...nor do I have to satisfy a corporate leadership that often fights innovation. That is the beauty of being a Ham experimenter. It is legal to build anything except weapons of distruction as long as you only test it on the air within the rules of Part 97. You can build a lot of stuff that they won't let you build at work. I have tried out some ideas at home in the past that I later did use in the designs of test equipment that I was able to use at work. A m,issing pulse detector which can sync up serial pulses was tested by me at home before I promised to design a serial to parallel digital converter at work. If I had not tested the circuit on my own I would not have been able to promise that I could design the converter at work because I wouldn't have been confident that it would work. I also use crude temperature testing and troubleshhoting at home...a heat gun for hot and freon cold spray for cold. I couldn't use these methods at work wher the bureaucracy might insist on more precise work to be done by environmental testing engineers in another department before proceeding to build the end product. Such testing could take months or even years...just as incoming inspection of each component often does.

> > Never happen...There is more "recreational communication" available via
> > the Internet than Ham Radio can ever provide. Hams can not expect to
> > be a very large percentage of the population in the future. Hams can
> > seek quality but not quantity. Hams can comply with providing the
> > kind of technical people who are an asset to the USA, as well as
> > themselves.
> >
> I fear your statements re: the internet and population are true. In that
> case, Amateur radio has no future and we may as well turn over 2-meters
> to the CBrs
> and the HF bands to businesses.

AMATEUR RADIO has a FUTURE...If and only if hams behave as real hams. If they want to just be fun operators and customers for Japanese manufactured products it has no future. Eventually the Hams will discover that they are being led by the Japanese designers who decide on what is going to be made available to them and advertised rather than the hams themselves. Hams can never survive solely as users. Even the ARRL may eventually realize that. I hope it is not going to be too late for them to do so.

>
> As far as hobby homebrewing providing qualified technical people, you
> must be joking. Tech's who breadboard other peoples' designs are a
dime
> a dozen; or rather $10/hour. In 1950, industry was hungry for BSEE's
to
> design new circuits but now only the best EEs - the top 1% perhaps -
are
> designing circuits for chipmakers and the rest are overpaid techs
using
> those chips like legos.

Yep...I've used chips and components like LEGOs. Some techs can do
that and some can't. Some degreed EEs can do that and some can't. And
worst of all; Some engineering managers not only can't but don't know
how to get any value out of those who can.

> Hell, most are coding software because there are
> more EEs than real EE jobs! Nothing you can build out of Radio Shack
> components is going to train anyone to join that 1%. Sorry ....

I disagree...but I would include Digi-Key and/or Mouser parts with the
RS parts.

> > Do you want Hams to only think like CBers? Or do you just expect
CBers
> > to think like non-technical Hams? At any rate you must start to
think
> > about what the difference is between CBers and Hams.
>
> Hmmm.. we say "roger" and "OM" instead of "10-4" and "good buddy"? ;o)

Yeah...but lingo is not the same as innmovation.

> It may be a blow to your self esteem OM, but from my perspective there
> has been little difference since economics turned us into "appliance
> hams". Federal law makes CBrs buy COTS equipment; economics makes most
> hams do likewise.

Not economy...I beg to differ...but ARRL's economy which sees Hams as
users of their pubs and customers for their advertisers and not as
radio experimenters. That is the only reason that I bad mouth the
direction being taken by most present Ham leaders.

> A tiny percent of CBrs violate FCC law to build their
> own gear; a tiny percent of hams violate economic common sense to do
> likewise.

Not economic common sense in the case of Hams...just Hams who have been
taught to emphasize the wrong basis and purpose for the entire hobby.

> A few bad apples poison the CB barrel and judging by FCC
> enforcement logs a few hams do likewise. The major difference I see is

> that Amateurs properly report the bad apples and help the FCC catch
them
> while CBrs do not, but that could be rectified.

Sometimes CBers do help to locate the bad apples.. Those who run only 5
watts don't always go along with those who run 500 watts.

> > You can start by reading the Basis and Purpose of Ham Radio ...
>
> " (b) Continuation and extension of the amateur's proven ability to
> contribute to the advancement of the radio art.
> (c) Encouragement and improvement of the amateur service through
> rules which provide for advancing skills in both the communication and
> technical phases of the art.
> (d) Expansion of the existing reservoir within the amateur radio
> service of trained operators, technicians, and electronics experts."
>
> Do you suggest that we are doing these things using Radio Shack
> components?

Not entirely...but it might be a starting point and is far better than
just assuming that the best Hams are the one's whose ECONOMIC condition
permits them to buy the best Japanese boxes that their money can buy.
There are some Hams who can't even put a BNC connector on a peice of
coax. BNC connectors and coax cable are available in RS for tjhose who
want to practice doing so themselves. I suggest that they don't buy
the "solderless" type connectors that are ment for audio appliances.

> > Why do you think that Hams are the only group of operators who are
> > permitted to build and service their own equipment?
> >
> For the same reason that my grandfather got to fly without taking an
FAA
> exam: because it made sense back then. When the service was
established,

AHH!...but it still makes sense for many Hams who don't think like you
do.

> and radio was in its infancy, amateurs did indeed contribute a lot to
> the state of the art, both technically and operationally, and morse
code

Spread Spectrum is now in its infancy. The interleaving of many
digitized duplex signals within the bandwidth formally reqiired for one
simplex signal is now proven possible commercially. This is in its
infancy as far as Ham Radio goes. I doubt if the Japanese designers
will introduce us to it as long as they can continue to sell what is
basically the same stuff that has been around for 30 years. It is up
to Hams themselves to adopt this technology to Ham Radio.

> was essential to operating proficiency. This is no longer true. Those
> who have contributed in the last decade or so may have been amateurs

by
> coincidence but they didn't contribute *because* they were amateurs;
> they contributed because they had access to well funded labs. So, to
> address your question, the reason we still have the privileges they
> earned is that we have so strong a lobby that taking away those
> privileges has been politically unwise ... but that lobby is
shrinking.

It is now easier to devise your own pulse generator from RS parts and
to adapt a computer to be a pulse analyser than it ever was in the
past. Innovation may be better than a well equiped lab for the Hams
who can make use of what they have.

> > Hams need MORE license classes and/or endorsements.
>
> I have a better idea. Let's have just one class with one test: in one
> week, independently design a transceiver equal in size and performance
> to the latest COTS transceivers without duplicating any of their
> designs. That way there won't be so many people "cluttering up" the
> bands, right? Not even you or I ... :o(

Nah...I don't expect all Hams to be receiver designers...Many might
have more fun designing companders or digital filters or whatever other
specialty they seek to acquire. Some will still be Hams just to
collect DX QSL cards and that is OK as long as they are constantly
trying to modify and update existing antennas, hardware front ends and
software modes to improve their efficiency.

> > Does the name Pavlov ring a bell?
>
> Indeed it does. Pavlov demo'd that one could cause a biological
response
> by showing some abstract figure only, and the key is "only", just
before
> the subject got to eat, et cetera.

Me thinks that you may understand Pavlov's experiment but remember that
it wasn't done on people. You could be mixing up Pavlov with Skinner.
Skinner worked with other animals.
Pavlov rang a bell every time his dogs were fed...After a while, the
dogs began to salivate after a bell was rung, even when they were not
being fed anything. I apply Pavlov's experiment to Hams as
follows:...As you said, in the old days Hams had fun building radio
transmitters and working other Hams on the air...Now they have been
conditioned to have fun just by working other Hams on the air, by
advertisements...But the real meat and potatoes of Ham Radio is
gone...and if this doesn't get turned around Ham Radio will surely go
to the "Pavlov conditioned" dogs rather than thinking humans.

> You may also know that porn is
> defined as that which arouses us sexually. It follows that censorship
> creates porn by turning otherwise common items into porn by denying us

> their common view and instead allowing us to see them only just before
> sex. How about them apples?

Each of us may have any kind of opinion about porn, depending on our own hormone systems, our cultural conditioning, etc. This is quite a big subject but IMHO may have little to do with Ham Radio directly. In fact it is worthwhile hobbies, like Ham Radio, which can get our minds off porn in our spare time. Porn can become an obsession that can take up all of the spare time of some people, which is unfortunately not as reproductive as real marital sex...and can't be done well with devises that can be bought in Radio Shack either.

PCs can introduce us to porn...How about those Apples?...Maybe Eve gave Adam an Apple and he made her get dressed so she could tease him by being a stripper and getting undressed before there was any censorship or adult verification. Yep...That is probably how porn was born...because before that they didn't wear any cloths all of the time...so it wasn't usually a hard and fast big thing.

Some Hams like to be teased by the uncertainty of propagation conditions. Some Hams prefer the certainty of their own technical abilities. They want to be productive. Some folks want to be teased by porn. They may subconciously want to be reproductive but can't be without actually making real contacts. Some folks are just natural fruitful multipliers and propagate humanity so that it continues to survive.

> 73 all, de KA3DWW

Hams need more license classes and or technical endorsements.
73 you all,
de
Bob Wex w2ilp (Innovation Limits Porn?)

Sent via Deja.com http://www.deja.com/
Before you buy.

2450. Project JOVE receiver - Up and running for Solar observation!

Newsgroup: rec.radio.amateur.space
Date: 2000-10-15 00:00:00 UTC
From: napperwm@aol.com
Message-ID: <20001015101519.25681.00004725@ng-fi1.aol.com>
Source record: 8284

Hello,
My son is working on a solar radio telescope project. He assembled(with a little help from dad!) the Jove receiver kit. Up and running as we speak. He is trying to measure "solar events" by observing day and then night and looking for differences.

Any comments that could help him out in his quest?

Thanks,
Bill

2451. Re: Space Shuttle Transmitting SSTV

Newsgroup: rec.radio.amateur.space
Date: 2000-10-15 00:00:00 UTC
From: matt <mattobr@ntlworld.com>
Message-ID: <39E9C4A5.84AB5ADA@ntlworld.com>
Source record: 8285

hi all

has anyone seen any thing from the shuttle yet on 2ghz yet

matt

frg9600 wrote:
>
> Could someone provide audio for this over the internet to decode pictures?
>
> Online DX Logbook <odxl@hotmail.com> wrote in message
> news:8saceb$1qf$1@news7.svr.pol.co.uk...
> > 2250.000 MHz Wideband FM rings bells, I will try to find out more.
> >
> >
> > --
> > 73's
> > Graham Powell
> > --
> --
> > --
> > Webmaster for the Online DX Logbook
> > The most up-to-date Shortwave and Tropical Band Loggings are always on the
> > Online DX Logbook at:- http://www.odxl.org.uk http://www.odxl.co.uk or
> > http://www.dxsheigra.freeserve.co.uk
> > ==
> > <treynolds@email.exide.com> wrote in message
> > news:8sa93cvdi1@nnrp1.deja.com...
> > > With the KU band transmitter going out on the space shuttle they are
> > > transmitting video using slow scan. Does anyone know the specifics?
> > > Like what frequency and format? Or some suggestions on where to look?
> > >
> > > Tom
> > >
> > >
> > > Sent via Deja.com http://www.deja.com/
> > > Before you buy.
> >
> >

2452. WLOG2000 with SAT log features

Newsgroup: rec.radio.amateur.space
Date: 2000-10-15 00:00:00 UTC
From: Franko <hb9oab>
Message-ID: <8sck9b$2e2$1@bw107zhb.bluewin.ch>
Source record: 8286

WLOG2000 database logbook interactive

Now insterted on WLOG2000 the availability for MODE e BAND and also for the SATMODE!

All info and pre-view or direct download to:

http://start.at/wlog

or

www.wlog2000.com

best regard's
Frank
hb9oab@amsat.org

2453. Re: Link Budget Calculations

Newsgroup: rec.radio.amateur.space
Date: 2000-10-15 00:00:00 UTC
From: Jason Ingram <jason@rubberball.free-online.co.uk>
Message-ID: <B60FD072.1F67F%jason@rubberball.free-online.co.uk>
Source record: 8287

Leland,

Did you ever get any of this information, as I am after the same
calculations?.

Any help is appreciated.

Cheers

Jason Ingram,
G7BSK

> From: "Leland C. Scott" <no-spam@junk-mail.net>
> Organization: Posted via Supernews, http://www.supernews.com
> Newsgroups: rec.radio.amateur.space
> Date: Tue, 10 Oct 2000 12:00:33 -0400
> Subject: Link Budget Calculations
>
> Does anyone have a Mathcad or Excel worksheet for doing satellite link
> budget calculations? I am looking for something that will automatically
> include factors for, frequency, sky temps, receiver noise figure, coax loss,
> coax noise figure, preamp noise figure/gain, antenna gains etc.
>
>
> --
> Leland C. Scott
> KC8LDO
>
>

2454. Re: michigan Hams

Newsgroup: rec.radio.amateur.space
Date: 2000-10-15 00:00:00 UTC
From: ka3hsw@aol.comnojunk
Message-ID: <20001015180834.25188.00000185@nso-df.aol.com>
Source record: 8288

In article <5i4buskahc2v8s7s3cuq43e8uaa1734d2j@4ax.com>, helmsman <> writes:

>
>This is a call for action for all Hams that want to
>continue using their MOBILE radios, or even wish to
>transport their PORTABLE/HANDHELD radios in their
>vehicles without obtaining a special permit from the
>Michigan State Police.
>

Amateur radio transceivers are automatically exempted by Federal law....
delete "nojunk" from e-mail address before replying.

2455. Re: Link Budget Calculations

Newsgroup: rec.radio.amateur.space
Date: 2000-10-16 00:00:00 UTC
From: "Leland C. Scott" <no-spam@junk-mail.net>
Message-ID: <sum19clnv7b3d2@corp.supernews.com>
Source record: 8290

"Jason Ingram" <jason@rubberball.free-online.co.uk> wrote in message
news:B60FD072.1F67F%jason@rubberball.free-online.co.uk...
> Leland,
>
> Did you ever get any of this information, as I am after the same
> calculations?.

Nope. I have the Satellite experimenter's handbook and a copy of the microwave experimenter's handbook too, which had the information in it, scattered around a bit in different chapters. I was hoping that somebody had done a worksheet already. Oh well, it looks like I will be back at the computer finishing up the Mathcad worksheet I started. The calculations are not hard to do, I just did not want to spent some of my free evenings making up a worksheet if somebody else has already done one. There is no glory in reinventing the wheel as they say.

I'm using Mathcad 2K Pro to make the worksheet. If you don't have Mathcad, or the free Mathcad Explorer used to "run-only" existing worksheets, what I'm doing is not going to help you much. You can down load the Mathcad Explorer package from Mathsoft at

http://www.mathcad.com/mathcad/explorer/

The above is a HUGE down load, so I don't know if you would be able to get it, and or the cost to you in connect time charges. Mathcad is a much better software package for doing technical calculations, much better than a program such as Microsoft's Excel.

--
Leland C. Scott
KC8LDO

2456. Re: License renewal + Pavlov

Newsgroup: rec.radio.amateur.space
Date: 2000-10-16 00:00:00 UTC
From: Bob Wex w2ilp <w2ilp@juno.com>
Message-ID: <8sf5su$hb1$1@nnrp1.deja.com>
Source record: 8291
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.amateur.space

In article <8sarlr$5vm$1@news.hawaii.edu>,
jeffreyh@Hawaii.Edu (Jeffrey Herman) wrote:
> enfield@3n.net wrote:
> > An archaic QRP rig?
>
> Low-power transmitters have become archaic? =:o

I dunno about that. By using low power transmitters you can simulate bad propagation conditions when there are good propagation conditions. This might improve your operating ability. Amateur Radio was never meant to be as predictable as commercial broadcasting. Heck...Whats a few dB down to most real Hams but a challenge? The Ham who becomes obsessed with QRP, like the obsessive porno watcher, may spend lots of entertaining time without making any real contact. To each his own!

Hams need more license classes ans/or technical endorsements.

Bob Wex w2ilp (Increase Low Power?)

Sent via Deja.com http://www.deja.com/
Before you buy.

2457. Re: Link Budget Calculations

Newsgroup: rec.radio.amateur.space
Date: 2000-10-16 00:00:00 UTC
From: ae517@FreeNet.Carleton.CA
Message-ID: <8sf4r8$gd5$1@freenet9.carleton.ca>
Source record: 8292

"Leland C. Scott" (no-spam@junk-mail.net) writes:
>>
>> Did you ever get any of this information, as I am after the same
>> calculations?.
>
> Nope. I have the Satellite experimenter's handbook and a copy of the

df9cy, Christoph, used to have an .xls spreadsheet for doing EME
link calculations. I think his web page is now www.df9cy.de.

I have a crude troposcatter spreadsheet at www.qsl.net/va3rr/troposcatter.xls
which could be modified for satellite link budget calculations.

regards

--
73 de va3rr/aa8lu
http://www.qsl.net/va3rr
Check out the proposed Radio Regs at:
http://www.tc.gc.ca/GMDSS/English/intro_e.htm

2458. Re: Link Budget Calculations

Newsgroup: rec.radio.amateur.space
Date: 2000-10-16 00:00:00 UTC
From: "Leland C. Scott" <no-spam@junk-mail.net>
Message-ID: <sum9qkc48g5i19@corp.supernews.com>
Source record: 8293

I have been doing some more searching and found two Excel spreadsheets for doing microwave link budget calculations for P3D.

http://members.aol.com/n6nkf/

I also just found another interesting site too.

http://web.singnet.com.sg/~help1/main.htm

I have not tried any of the above calculations yet, however they maybe of interest to others here in the group.

--
Leland C. Scott
KC8LDO.

"Russ Renaud" <ae517@FreeNet.Carleton.CA> wrote in message news:8sf4r8$gd5$1@freenet9.carleton.ca...
> "Leland C. Scott" (no-spam@junk-mail.net) writes:
> >>
> >> Did you ever get any of this information, as I am after the same
> >> calculations?.
> >
> > Nope. I have the Satellite experimenter's handbook and a copy of the
>
> df9cy, Christoph, used to have an .xls spreadsheet for doing EME
> link calculations. I think his web page is now www.df9cy.de.
>
> I have a crude troposcatter spreadsheet at www.qsl.net/va3rr/troposcatter.xls
> which could be modified for satellite link budget calculations.
>
> regards
>
> --
> 73 de va3rr/aa8lu
> http://www.qsl.net/va3rr
> Check out the proposed Radio Regs at:
> http://www.tc.gc.ca/GMDSS/English/intro_e.htm

2459. Looking for Kenwood TH-78A Manual in .PDF Format

Newsgroup: rec.radio.amateur.space
Date: 2000-10-16 00:00:00 UTC
From: Disposable Hero <NoFixxxer@XHotmail.com>
Message-ID: <S3GG5.340239$Gh.10056612@news20.bellglobal.com>
Source record: 8294
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.digital.misc,rec.radio.amateur.space

Does anyone have the Manual for the Kenwood TH-78A Handheld Transceiver For Adobe Acrobat?

They used to have it available to download on their website, but no longer carry older radio manuals.

Any help is appreciated.

TIA

Paul Heaney
VA3HST

2460. REQ: Downloadable manual for Kenwood TH-78A

Newsgroup: rec.radio.amateur.space
Date: 2000-10-16 00:00:00 UTC
From: Disposable Hero <NoFixxxer@XHotmail.com>
Message-ID: <0DGG5.38010$oN2.1323955@news20.bellglobal.com>
Source record: 8295

Does anyone have the Manual for the Kenwood TH-78A Handheld Transceiver For Adobe Acrobat?

They used to have it available to download on their website, but no longer carry older radio manuals.

Any help is appreciated.

TIA

Paul Heaney
VA3HST

2461. Re: WTT FT-726r HF module

Newsgroup: rec.radio.amateur.space
Date: 2000-10-16 00:00:00 UTC
From: ALAIN DI PUMA <f1mge@free.fr>
Message-ID: <4XHG5.1573$_g3.6255734@nnrp1.proxad.net>
Source record: 8296
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.space,rec.radio.swap

hello! i am interesting by your hf module!!!

73! F1MGE

Davev <dvari@adelphia.net> a crit dans le message :
9giF5.256$%J6.21633@news1.news.adelphia.net...
> Want to trade my Yaesu FT-726r HF module,covers 10,12,15 meters for either
> the Yaesu FT-726r 432 module or
> 2mtr amp. w/pre-amp....or ???????
> de dave
>
>
>

2462. Re: Looking for Kenwood TH-78A Manual in .PDF Format

Newsgroup: rec.radio.amateur.space
Date: 2000-10-16 00:00:00 UTC
From: Mark Erbaugh <mark@nospam.microenh.com>
Message-ID: <39eb6744$0$34964$6daed22a@news.infinet.com>
Source record: 8297
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.digital.misc,rec.radio.amateur.space

Paul,

Have you tried dropping Kenwood an email? I did this a couple years ago, looking for a manual that wasn't on the website and they emailed it to me.

Mark

"Disposable Hero" <NoFixxxer@XHotmail.com> wrote in message news:S3GG5.340239$Gh.10056612@news20.bellglobal.com...
> Does anyone have the Manual for the Kenwood TH-78A Handheld Transceiver For
> Adobe Acrobat?
>
> They used to have it available to download on their website, but no longer
> carry older radio manuals.
>
> Any help is appreciated.
>
> TIA
>
> Paul Heaney
> VA3HST
>
>
>

2463. Re: WTT FT-726r HF module

Newsgroup: rec.radio.amateur.space
Date: 2000-10-16 04:45:30 UTC
From: Davev <dvari@adelphia.net>
Message-ID: <KJvG5.663$%J6.59900@news1.news.adelphia.net>
Source record: 8289
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.space,rec.radio.swap

SOLD !
tnx de dave-n2rhl

"Davev" <dvari@adelphia.net> wrote in message
news:9giF5.256$%J6.21633@news1.news.adelphia.net...
> Want to trade my Yaesu FT-726r HF module,covers 10,12,15 meters for either
> the Yaesu FT-726r 432 module or
> 2mtr amp. w/pre-amp....or ???????
> de dave
>
>
>

2464. Re: License renewal + Pavlov

Newsgroup: rec.radio.amateur.space
Date: 2000-10-17 00:00:00 UTC
From: Bob Wex w2ilp <w2ilp@juno.com>
Message-ID: <8sikuvgfa1@nnrp1.deja.com>
Source record: 8199
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.amateur.space

In article <8sgkhn$n07$1@news.hawaii.edu>,
jeffreyh@Hawaii.Edu (Jeffrey Herman) wrote:
> Bob Wex w2ilp <w2ilp@juno.com> wrote:
> >jeffreyh@Hawaii.Edu (Jeffrey Herman) wrote:
> >>enfield@3n.net wrote:
>
> >>> An archaic QRP rig?
>
> >> Low-power transmitters have become archaic? =:o
>
> >I dunno about that.
>
> Tongue-in-cheek, Bob. I was questioning "enfield's" comment above
> where he writes: "An archaic QRP rig?"
>
> >By using low power transmitters you can simulate
> >bad propagation conditions when there are good propagation
conditions.
>
> I suggest you read Adrian Weiss' book, "History of QRP in the U.S.,
> 1924-1960" to see what our predecessors were able to accomplish
> with low power. In those early years, there was no choice in the
> matter.

I will.
>
> 73, Jeff KH6O

The history of the Q code stems from the Morse code era. The Q code is
in fact an international radiotelegraph code which was designed with
shipboard CW operation in mind. Hams took many, but not all, of the Q
signals as there own in the early days when most Hams were only using
CW.
Yep...Maybe there was no choice in the matter.

Ten - XX code is much newer. It was not only used by police in chase
movies but was designed for radiotelephone land mobile usage.
Many emergency services train operators to use ten-xx codes. Naturally
it found its way into CB lingo where it may be more applicable than Q
code.

QSL?

Now on the Internet there is no need for Q code or ten-xx code IMHO.
We can't send QRP e-mail unless we can use a weak provider. My typos

and misspelled words leave enough stuff for NG readers to decode, so why would I need any codes...except maybe to be considered an "in" Ham OM?

bye
es 73,
Bob Wex w2ilp (I Like Phonetics)

Sent via Deja.com http://www.deja.com/
Before you buy.

2465. Re: Hi, this is for you.....

Newsgroup: rec.radio.amateur.space
Date: 2000-10-17 00:00:00 UTC
From: Andre & Sharon Walker <aswa2@dingoblue.net.au>
Message-ID: <39f2ca7b$0$11635$7f31c96c@news01.syd.optusnet.com.au>
Source record: 8200

mmmmmm that sounds just like pyrmid selling........stupid me....i thought
that was illegal...at least it is in .au
<frank65_8@norcol.ac.UK> wrote in message
news:200010182053.AA06393@www.gbtc.org...
>
> Dear Friend:
>
> Do you need a change in your life?
>
> Do you remember when the entire world seemed like it was
> yours for the taking?
>
> Do you remember a time when all of your hopes and dreams seemed
> like they were attainable?
>
> First of all, let's be honest. You are not going to earn $50,000 in
> 20 days. It just isn't going to happen. Anyone who tells you that
> you can, is not being truthful. But, let me tell you about a plan
> that can possibly make all your dreams come true...keep reading!
>
> **********
>
> I would like to tell you about a plan that has changed my life.
> Take a calculator and figure in the worst possible scenario. Decide
> for yourself. If you decide that you want to take control of your
> life and move forward...that is your decision.
>
> **********
>
> Here's the step by step plan summary.
>
> 1)You order the 4 reports listed below ($5 each). They come to you
> by email.
>
> 2)Save a copy of this entire letter and put your name at report #1.
> Move all other names down. (You will be removing the person at the
> level 4)
>
> 3)Use any of the hundreds of bulk email services out there.
>
> 4)Orders will come right to your door. Simply email them the report
> they ordered.Isn't that about as easy as it gets???
>
> **********

>
> Your cost to participate in this program is practically nothing
> (surely you can afford $20 and initial bulk mailing cost). You
> obviously already have a computer and an Internet connection and
> e-mail is FREE!
>
> The primary method of building your downline is bulk email.
>
> Let's say that you decide to start small, just to see how it goes.
> Let's assume that you and all those involved email out only 2,000
> programs each. Let's also assume that the mailing receives a 0.5%
> response. The response could be much better. Also, many people will
> email out more than 2,000 programs. With a 0.5% response, that is
> only 10 orders for Report #1. Those 10 respond by sending out
> 2,000 programs each for a total of 20,000. Out of those 0.5%, 100
> people respond and order 20,000. The 0.5% response rate to that is
> 1,000 orders for Report #3. Those 1,000 send out 2,000 each for a
> total of 2,000,000. The 0.5% response rate is 10,000 orders for
> report #4. That is 10,000 $5 bills for you. CASH!!!
>
> **********
>
> Your total income in this example is: $50+ $500+ $5000+ $50,000 for
> a total of $55,550!!!
>
> **********
>
> REMEMBER FRIEND. THIS IS ASSUMING 1,990 OUT OF THE 2,000 PEOPLE YOU
> MAIL TO WILL DO ABSOLUTELY NOTHING AND TRASH THIS PROGRAM!!! DARE
> TO THINK FOR A MOMENT WHAT WOULD HAPPEN IF EVERYONE, OR EVEN HALF
> MAILED OUT 100,000 INSTEAD OF 2,000. Believe, most people will do
> just that, and more!!!
>
> Friend, you do the math. You look at the opportunity, if you decide
> that you would like to participate in this program, the decision is
> yours.
>
> Recently, the Federal Trade Commission has tried to stop chain
> letters which promise you will make tons of money by participating.
> Such chain letters are NOT legal because of this reason. This new
> program complies with all the rules.
>
> To be legal, a chain letter must offer a product and must not
> promise you will get rich by taking part. If you look at the
> program, do the math and decide that you will make money, it is
> your opinion. No such claim is here.
>
> However, I do strongly encourage you to do the calculations.
> Figure out the worst possible response and see how it calculates.
>

> Your orders come right to your door and you send your reports via
> email. You are not involved in personal selling.
>
> You do it privately in your own home, store, or office. This is the
> EASIEST plan anywhere. It is simply order filling by email.
>
> Order the four reports shown on the list below. You can't sell them
> if you don't order them!!!.
>
> For each report, send $5.00 CASH, the NAME & NUMBER OF THE REPORT
> YOU ARE ORDERING, YOUR EMAIL ADDRESS, and YOUR NAME AND RETURN
> ADDRESS (in case there's a problem). MAKE SURE YOUR RETURN ADDRESS
> IS ON THE ENVELOPE IN CASE OF ANY MAIL PROBLEMS!
>
> Report #1 will tell you how to download bulk email software and
> email addresses so you can send it out to thousands while you
> sleep. Remember that 50,000+ new people are joining the Internet
> every month.
>
> By the way, there are over 50 million email addresses with millions
> more joining the Internet each year, so we don't worry about
> "saturation". People are used to seeing and hearing the same
> advertisements every day on radio/TV. How often have you received
> the same pizza flyers on your door. Then, one day you are hungry
> for pizza and immediately recall the flyer. Same thing with this
> letter. I received this letter many times- then one day I decided
> it was time to try it.
>
> This program will not require you to come into contact with people
> or take any telephone calls. Just follow the instructions.
>
> There is no guarantee either stated or implied that anyone
> participating in this program will earn $50,000+. (You must
> include that statement to make this legal.)
>
> ******* TIPS FOR SUCCESS *******
>
> TREAT THIS AS YOUR BUSINESS! Be prompt, professional, and follow
> the directions accurately. -- Send for the four reports IMMEDIATELY
> so you will have them when the orders start coming in because: When
> you receive a $5 order, you MUST send out the requested product/report.
>
> It is required for this to be a legal business and they need the
> reports to send out their letters (with your name on them!) -- ALWAYS
> PROVIDE SAME-DAY SERVICE ON THE ORDERS YOU RECEIVE. -- Be patient
> and persistent with this program.
>
> **
> Get started TODAY!! Notes- ALWAYS SEND $5 CASH (US CURRENCY) FOR
> EACH REPORT. CHECKS NOT ACCEPTED. make sure the cash is concealed

> by wrapping it in two sheets of paper. On one of those sheets
> write: (a) the number and name of the report you are ordering, (b)
> your e-mail address, and (c) your name and postal address.
>
>
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> ORDER REPORT #1 FROM:
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> RYAN ROMNEY
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> Multilevel Marketing and the Internet"
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> RUSSELL OLSEN
> 5409 YARMOUTH AVE #3
> ENCINO, CA 91316
>
>
> **
> This ad is being sent in compliance with Senate Bill 1618, Title 3,
> section 301, paragraph (a)(2)(C).
>
> Further transmissions to you by the sender of this e-mail may be
> stopped at no cost to you by sending a reply to this e-mail address

> with the words "remove" in the subject line.
> **********
>

2466. Re: License renewal + Pavlov

Newsgroup: rec.radio.amateur.space
Date: 2000-10-17 04:28:39 UTC
From: jeffreyh@Hawaii.Edu
Message-ID: <8sgkhn$n07$1@news.hawaii.edu>
Source record: 8298
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.amateur.space

Bob Wex w2ilp <w2ilp@juno.com> wrote:
>jeffreyh@Hawaii.Edu (Jeffrey Herman) wrote:
>>enfield@3n.net wrote:

>>> An archaic QRP rig?

>> Low-power transmitters have become archaic? =:o

>I dunno about that.

Tongue-in-cheek, Bob. I was questioning "enfield's" comment above
where he writes: "An archaic QRP rig?"

>By using low power transmitters you can simulate
>bad propagation conditions when there are good propagation conditions.

I suggest you read Adrian Weiss' book, "History of QRP in the U.S.,
1924-1960" to see what our predecessors were able to accomplish
with low power. In those early years, there was no choice in the
matter.

73, Jeff KH6O

2467. Hi, this is for you.....

Newsgroup: rec.radio.amateur.space
Date: 2000-10-18 00:00:00 UTC
From: frank65_8@norcol.ac.UK
Message-ID: <200010182053.AA06393@www.gbtc.org>
Source record: 8201

Dear Friend:

Do you need a change in your life?

Do you remember when the entire world seemed like it was
yours for the taking?

Do you remember a time when all of your hopes and dreams seemed
like they were attainable?

First of all, let's be honest. You are not going to earn $50,000 in
20 days. It just isn't going to happen. Anyone who tells you that
you can, is not being truthful. But, let me tell you about a plan
that can possibly make all your dreams come true...keep reading!

****

I would like to tell you about a plan that has changed my life.
Take a calculator and figure in the worst possible scenario. Decide
for yourself. If you decide that you want to take control of your
life and move forward...that is your decision.

****

Here's the step by step plan summary.

1)You order the 4 reports listed below ($5 each). They come to you
by email.

2)Save a copy of this entire letter and put your name at report #1.
Move all other names down. (You will be removing the person at the
level 4)

3)Use any of the hundreds of bulk email services out there.

4)Orders will come right to your door. Simply email them the report
they ordered.Isn't that about as easy as it gets???

****

Your cost to participate in this program is practically nothing
(surely you can afford $20 and initial bulk mailing cost). You
obviously already have a computer and an Internet connection and
e-mail is FREE!

The primary method of building your downline is bulk email.

Let's say that you decide to start small, just to see how it goes.
Let's assume that you and all those involved email out only 2,000

programs each. Let's also assume that the mailing receives a 0.5% response. The response could be much better. Also, many people will email out more than 2,000 programs. With a 0.5% response, that is only 10 orders for Report #1. Those 10 respond by sending out 2,000 programs each for a total of 20,000. Out of those 0.5%, 100 people respond and order 20,000. The 0.5% response rate to that is 1,000 orders for Report #3. Those 1,000 send out 2,000 each for a total of 2,000,000. The 0.5% response rate is 10,000 orders for report #4. That is 10,000 $5 bills for you. CASH!!!

****

Your total income in this example is: $50+ $500+ $5000+ $50,000 for a total of $55,550!!!

****

REMEMBER FRIEND. THIS IS ASSUMING 1,990 OUT OF THE 2,000 PEOPLE YOU MAIL TO WILL DO ABSOLUTELY NOTHING AND TRASH THIS PROGRAM!!! DARE TO THINK FOR A MOMENT WHAT WOULD HAPPEN IF EVERYONE, OR EVEN HALF MAILED OUT 100,000 INSTEAD OF 2,000. Believe, most people will do just that, and more!!!

Friend, you do the math. You look at the opportunity, if you decide that you would like to participate in this program, the decision is yours.

Recently, the Federal Trade Commission has tried to stop chain letters which promise you will make tons of money by participating. Such chain letters are NOT legal because of this reason. This new program complies with all the rules.

To be legal, a chain letter must offer a product and must not promise you will get rich by taking part. If you look at the program, do the math and decide that you will make money, it is your opinion. No such claim is here.

However, I do strongly encourage you to do the calculations. Figure out the worst possible response and see how it calculates.

Your orders come right to your door and you send your reports via email. You are not involved in personal selling.

You do it privately in your own home, store, or office. This is the EASIEST plan anywhere. It is simply order filling by email.

Order the four reports shown on the list below. You can't sell them if you don't order them!!!.

For each report, send $5.00 CASH, the NAME & NUMBER OF THE REPORT YOU ARE ORDERING, YOUR EMAIL ADDRESS, and YOUR NAME AND RETURN ADDRESS (in case there's a problem). MAKE SURE YOUR RETURN ADDRESS IS ON THE ENVELOPE IN CASE OF ANY MAIL PROBLEMS!

Report #1 will tell you how to download bulk email software and email addresses so you can send it out to thousands while you sleep. Remember that 50,000+ new people are joining the Internet every month.

By the way, there are over 50 million email addresses with millions more joining the Internet each year, so we don't worry about "saturation". People are used to seeing and hearing the same advertisements every day on radio/TV. How often have you received the same pizza flyers on your door. Then, one day you are hungry for pizza and immediately recall the flyer. Same thing with this letter. I received this letter many times- then one day I decided it was time to try it.

This program will not require you to come into contact with people or take any telephone calls. Just follow the instructions.

There is no guarantee either stated or implied that anyone participating in this program will earn $50,000+. (You must include that statement to make this legal.)

******* TIPS FOR SUCCESS *******

TREAT THIS AS YOUR BUSINESS! Be prompt, professional, and follow the directions accurately. -- Send for the four reports IMMEDIATELY so you will have them when the orders start coming in because: When you receive a $5 order, you MUST send out the requested product/report.

It is required for this to be a legal business and they need the reports to send out their letters (with your name on them!) -- ALWAYS PROVIDE SAME-DAY SERVICE ON THE ORDERS YOU RECEIVE. -- Be patient and persistent with this program.

****
Get started TODAY!! Notes- ALWAYS SEND $5 CASH (US CURRENCY) FOR EACH REPORT. CHECKS NOT ACCEPTED. make sure the cash is concealed by wrapping it in two sheets of paper. On one of those sheets write: (a) the number and name of the report you are ordering, (b) your e-mail address, and (c) your name and postal address.

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NORTH SALT LAKE, UT 84054-0421

REPORT #4 "How to become a Millionaire utilizing the Power of
Multilevel Marketing and the Internet"

ORDER REPORT #4 FROM:

RUSSELL OLSEN
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****
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section 301, paragraph (a)(2)(C).

Further transmissions to you by the sender of this e-mail may be
stopped at no cost to you by sending a reply to this e-mail address
with the words "remove" in the subject line.
****

2468. Palm Link Budget Program

Newsgroup: rec.radio.amateur.space
Date: 2000-10-18 00:00:00 UTC
From: Terry Berman <tsberman@mindspring.com>
Message-ID: <39EE3FB1.E1E5D692@mindspring.com>
Source record: 8202

I am an engineer and software developer. I have just completed a satellite link budget program that will run on any Palm device running PalmOS 3.5 and greater. I am looking for a few engineers in the industry who would be willing to Beta test it for me. In return you would receive the program once it goes into production plus free updates. The program can briefly:

- Calculate QPSK links for any data rate.
- FEC rates of 7/8, 1/2, 3/4
- Calculate G/T and AZ/EL
- Calculate Uplink, Downlink C/N
- Include UL, DL Interference
- Include Intermod
- Store locations and satellites

This program is based on a similar one that I have tweaked over many years of satellite consulting . I developed it because I hoped that there are many other engineers out there who needed to do these type of calculations for a customer and don't like hauling around their laptop everywhere.

During the testing period I would like to know:

1. Accuracy of the program
2. Usability of the program
3. Suggestions for enhancements
4. Any bugs found

If you would like to participate please contact me at:
tsberman@mindspring.com

Many thanks,

Terry, AB4UM

2469. Experiencing Difficulty in Outer Space released! mp3s & realaudio @ website

Newsgroup: rec.radio.amateur.space
Date: 2000-10-19 00:00:00 UTC
From: lame@lamety.lame.hype.hype
Message-ID: <65LH5.4136$q9.84469@news1.gvcl1.bc.home.com>
Source record: 8204
Cross-posted to:
rec.music.industrial,rec.music.ambient,rec.music,rec.music.misc,rec.radio.amateur.space,alt.music.synthpop,alt.music.spacerock

Experiencing Difficulty in Outer Space

7 tracks, total running time: 61:43

This long awaited release is finally available! Journey to the moon and back
on a homemade rocket ship. Heady ambience warmed by tape delay and punctuated
by casio-friendly feel-good tones for the modern misanthrope. Precisely edited
spontaneity, no overdubs.

http://sinusoidal.com

2470. Re: License renewal + Pavlov

Newsgroup: rec.radio.amateur.space
Date: 2000-10-19 01:24:45 UTC
From: KG9QM@ham.org
Message-ID: <x3sH5.62$L3.30234@news1.iquest.net>
Source record: 8203
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.amateur.space

QRP email five words max!

2471. Make a 10.5 dBd Gain UHF Yagi

Newsgroup: rec.radio.amateur.space
Date: 2000-10-21 00:00:00 UTC
From: Schneider <js@sprintmail.com>
Message-ID: <39F0EE16.1AA0EE@sprintmail.com>
Source record: 8205

Visit the below page for antenna photos and blueprints.

--
http://www.homestead.com/KK5UFO/

2472. noaa 16 dead?

Newsgroup: rec.radio.amateur.space
Date: 2000-10-22 00:00:00 UTC
From: Ash <ash@gravitywell.org>
Message-ID: <39F2F187.6B6B19B9@gravitywell.org>
Source record: 8206

Haven't been able to recieve Noaa 16 for a couple of days,
has it changed freqency or is it malfunctioning?

2473. Re: noaa 16 dead?

Newsgroup: rec.radio.amateur.space
Date: 2000-10-22 00:00:00 UTC
From: Lawrence Harris <lawrence@itchycoo-park.freeserve.co.uk>
Message-ID: <dab6vskvsk1bi6coh4lgs36i5mb848k630@4ax.com>
Source record: 8207

On Sun, 22 Oct 2000 13:52:52 GMT, Ash <ash@gravitywell.org> wrote:

>Haven't been able to recieve Noaa 16 for a couple of days,
>has it changed freqency or is it malfunctioning?
>

As NOAA announced a week ago on their web site, NOAA-16's vhf transmitter has been turned off until mid-November to avoid a vhf clash with the operational satellite NOAA-14.

Lawrence Harris

2474. Re: noaa 16 dead?

Newsgroup: rec.radio.amateur.space
Date: 2000-10-22 00:00:00 UTC
From: Ash <ash@gravitywell.org>
Message-ID: <39F33B31.F66AE0FD@gravitywell.org>
Source record: 8208

ohh I see, too bad...
thanx for the reply though

Lawrence Harris wrote:

> On Sun, 22 Oct 2000 13:52:52 GMT, Ash <ash@gravitywell.org> wrote:
>
> >Haven't been able to recieve Noaa 16 for a couple of days,
> >has it changed freqency or is it malfunctioning?
> >
>
> As NOAA announced a week ago on their web site, NOAA-16's vhf transmitter has
> been turned off until mid-November to avoid a vhf clash with the operational
> satellite NOAA-14.
>
> Lawrence Harris
>

2475. who else saw tonights shuttle/iss pass ? in uk.

Newsgroup: rec.radio.amateur.space
Date: 2000-10-22 19:07:29 UTC
From: Eavesdropper <ian@eavesdropper.worldonline.co.uk>
Message-ID: <39f33ae4@news.server.worldonline.co.uk>
Source record: 8209

At about 19:18 BST I saw a lovely pass of both the ISS and shuttle, they where about twenty seconds apart and VERY bright, damm i had just sold my infra-red nightvision camera too !!.

anybody else see it in the UK ?

ian k.

2476. Re: noaa 16 dead?

Newsgroup: rec.radio.amateur.space
Date: 2000-10-23 00:00:00 UTC
From: marsgal42@hotmail.com
Message-ID: <8t1mjd$435$1@nnrp1.deja.com>
Source record: 8210

In article <39F33B31.F66AE0FD@gravitywell.org>,
Ash <ash@gravitywell.org> wrote:
> ohh I see, too bad...
> thanx for the reply though

Bear in mind too that NOAA-16 is still undergoing on-orbit
checkout and testing. Its availability is not yet guaranteed.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..." - Hospital/Shafte

Sent via Deja.com http://www.deja.com/
Before you buy.

2477. Re: noaa 16 dead?

Newsgroup: rec.radio.amateur.space
Date: 2000-10-23 00:00:00 UTC
From: tegwilym@my-deja.com
Message-ID: <8t1sdl$9j7$1@nnrp1.deja.com>
Source record: 8211

It should be back on and running on November 7th (or was it the 11th??).
Sometime in early November!

In article <8t1mjd$435$1@nnrp1.deja.com>,
marsgal42@hotmail.com wrote:
> In article <39F33B31.F66AE0FD@gravitywell.org>,
> Ash <ash@gravitywell.org> wrote:
> > ohh I see, too bad...
> > thanx for the reply though
>
> Bear in mind too that NOAA-16 is still undergoing on-orbit
> checkout and testing. Its availability is not yet guaranteed.
>
> Laura Halliday VE7LDH "Que les nuages soient notre
> Grid: CN89mg pied a terre..." - Hospital/Shafte
>
> Sent via Deja.com http://www.deja.com/
> Before you buy.
>

Sent via Deja.com http://www.deja.com/
Before you buy.

2478. Re: who else saw tonights shuttle/iss pass ? in uk.

Newsgroup: rec.radio.amateur.space
Date: 2000-10-23 00:00:00 UTC
From: jimmy john <jj@sandwitch.org>
Message-ID: <4A8A59F2BDCDD311BFC800508BA36AC805106BDE@www.indianarep.com>
Source record: 8212

Saw STS and MIR back a year or two when they docked up and were departing.
Pretty cool.

Eavesdropper <ian@eavesdropper.worldonline.co.uk> wrote in message
news:39f33ae4@news.server.worldonline.co.uk...
> At about 19:18 BST I saw a lovely pass of both the ISS and shuttle, they
> where about twenty seconds apart and VERY bright, damm i had just sold my
> infra-red nightvision camera too !!.
>
> anybody else see it in the UK ?
>
> ian k.
>

2479. Re: who else saw tonights shuttle/iss pass ? in uk.

Newsgroup: rec.radio.amateur.space
Date: 2000-10-23 00:00:00 UTC
From: tegwilym@my-deja.com
Message-ID: <8t2b13$n8v$1@nnrp1.deja.com>
Source record: 8213

Darn Seattle clouds!! :-(

In article
<4A8A59F2BDCDD311BFC800508BA36AC805106BDE@www.indianarep.com>,
"jimmy john" <jj@sandwitch.org> wrote:
> Saw STS and MIR back a year or two when they docked up and were
departing.
> Pretty cool.
>
> Eavesdropper <ian@eavesdropper.worldonline.co.uk> wrote in message
> news:39f33ae4@news.server.worldonline.co.uk...
> > At about 19:18 BST I saw a lovely pass of both the ISS and shuttle,
they
> > where about twenty seconds apart and VERY bright, damm i had just
sold my
> > infra-red nightvision camera too !!.
> >
> > anybody else see it in the UK ?
> >
> > ian k.
> >
>
>

Sent via Deja.com http://www.deja.com/
Before you buy.

2480. Re: License renewal + Pavlov

Newsgroup: rec.radio.amateur.space
Date: 2000-10-23 00:00:00 UTC
From: Bob Wex w2ilp <w2ilp@juno.com>
Message-ID: <8t2bes$ng0$1@nnrp1.deja.com>
Source record: 8214
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.cb,rec.radio.amateur.space

In article <x3sH5.62$L3.30234@news1.iquest.net>,
KG9QM@ham.org wrote:
> QRP email five words max!
>
I'm not max; I'm wex.

Sent via Deja.com http://www.deja.com/
Before you buy.

2481. Your Password for OVER MARKET Share Pricing Exchange!

Newsgroup: rec.radio.amateur.space
Date: 2000-10-24 00:00:00 UTC
From: info@innercircleinvestors.COM
Message-ID: <200010240227.WAA11463@server3.mooresolutions.com>
Source record: 8215

You are receiving this Special Membership Opportunity because of your interest in ADC Telecommunications and/or other traded securities. You may be entitled to participate in an OVER MARKET Share Pricing Exchange. Click here to see if you qualify fo a password for this limited time offer. www.smartstocksdirect.com

2482. Video.

Newsgroup: rec.radio.amateur.space
Date: 2000-10-24 00:00:00 UTC
From: "Yorkshire scanner man." <scanner@breathemail.com>
Message-ID: <dvdJ5.1738$%k5.56021@news-1.opaltelecom.net>
Source record: 8216

I use a modified Pace analogue sat receiver to watch video transmissions from our local cop heli but for three days now on several occasions I have been receiving a color bar test card a little higher up the band. It lasts for about 12 mins and is strength P3. Anyone know what this could be .. I suspect it MAY be the new space station relay on test. ANY IDEAS PLEASE.

2483. Re: Project JOVE receiver - Up and running for Solar observation!

Newsgroup: rec.radio.amateur.space
Date: 2000-10-24 00:00:00 UTC
From: Hercules <hercules@coolmail.net>
Message-ID: <8t3nd1kfk1@nslave3.tin.it>
Source record: 8217

Hi

This is the first time I heard about "Project Jove".
Can you please tell me what is it and which resources are available on the Internet for the beginners ? My daughter is nearly 10 and I wonder if this may be of any interest for her ?
Thanks in advance,
Giovanni IT9XXS
http://www.qsl.net/it9xxs

"NapperWm" <napperwm@aol.com> ha scritto nel messaggio
news:20001015101519.25681.00004725@ng-fi1.aol.com...
> Hello,
> My son is working on a solar radio telescope project. He assembled(with a
> little help from dad!) the Jove receiver kit. Up and running as we speak.
He is
> trying to measure "solar events" by observing day and then night and
looking
> for differences.
>
> Any comments that could help him out in his quest?
>
> Thanks,
> Bill

2484. Re: who else saw tonights shuttle/iss pass ? in uk.

Newsgroup: rec.radio.amateur.space
Date: 2000-10-24 00:00:00 UTC
From: tegwilym@my-deja.com
Message-ID: <8t4kbb$ik0$1@nnrp1.deja.com>
Source record: 8218

It actually cleared up here in Seattle last night. I went out side at
the proper time and actually saw both of them pass over. Firt ISS,
then a minute later, the shuttle came right behind it!!
Very cool to see! :-)

I think I must have also seen an Iridium flash, I saw a VERY bright
satellite suddenly light up for about 8 seconds then go dim again.
Must have been as bright (or brighter) than Venus.

> Darn Seattle clouds!! :-(
>
> In article
> <4A8A59F2BDCDD311BFC800508BA36AC805106BDE@www.indianarep.com>,
> "jimmy john" <jj@sandwitch.org> wrote:
> > Saw STS and MIR back a year or two when they docked up and were
> departing.
> > Pretty cool.
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> > Eavesdropper <ian@eavesdropper.worldonline.co.uk> wrote in message
> > news:39f33ae4@news.server.worldonline.co.uk...
> > > At about 19:18 BST I saw a lovely pass of both the ISS and
shuttle,
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> sold my
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> > > anybody else see it in the UK ?
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> > >
> >
> >
>
> Sent via Deja.com http://www.deja.com/
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>

Sent via Deja.com http://www.deja.com/
Before you buy.

2485. FS: Yaesu FT-726R HF module. 15, 12 & 10 mtrs

Newsgroup: rec.radio.amateur.space
Date: 2000-10-24 00:00:00 UTC
From: NS1Z / John <ns1z@arrl.net>
Message-ID: <39f5f6a2_2@news.cybertours.com>
Source record: 8219
Cross-posted to: alt.ham-radio.marketplace,alt.ham-radio.vhf-uhf,rec.ham-radio.swap,rec.radio.amateur.equipment,rec.radio.amateur.space,rec.radio.amateur.swap,rec.radio.swap

I have the H.F. module for the Yaesu FT-726R that is surplus to my needs. This module allows one to work the Russian satellites (RS-13/15) or the 15, 12 and 10 meter bands. Works perfectly! Supposed to be 10 watts but, in my rig, I measure a minimum of 10 and up to 15 watts output on the 10 meter band. This unit is rare as owners of FT-726Rs can attest: the module is not listed in the owners operating manual (but it was available!). Genuine Yaesu with cables and mounting hardware. Offers? ns1z@arrl.net

--
NS1Z / John Wilcox
871 Route 120
Rumford, ME 04276-3836

fone: 207-364-2246

2486. Re: Ham-Space Digest V2000 #273 (AbsentWise)

Newsgroup: rec.radio.amateur.space
Date: 2000-10-25 00:00:00 UTC
From: malcolm.andrew@aeat.co.UK
Message-ID: <s9f6dcdd.068@a-hgwd3.harwell.aeat.co.uk>
Source record: 8221

I am absent from 24 October to 31 October please contact Dr Duncan Mackay

2487. Setting up a satellite station

Newsgroup: rec.radio.amateur.space
Date: 2000-10-25 00:00:00 UTC
From: Steven Ensley <steve@globaldialog.com>
Message-ID: <Pine.BSI.4.05L.10010250918560.19937-100000@msn.globaldialog.com>
Source record: 8222

Im new to satellites and trying to help setup a club station for satellite operations. We have a yeasu 847 and a yeasu 5500 rotor control. Have tried both Nova for Windows and Logsat Pro for tracking and have them both tracking satellites ok. They purchased Logsat at the time much of the equipment was purchace a year or two ago. I rather prefer Nova but could get used to Logsat but I couldn't get the dos driver for the Kansas City Tracker to work right with the rotor. It just kept turning while I tried to do the install procedure. I got it working yesterday using the third party windows drivers I found at the logsat website but they have 2 drawbacks. They prevent Nova from working right, and they dont support the Yeasu-847, just the 736 (tried it anyways, didnt work).

Also, We had the distinct impression from the people who sold them the station that Logsat include radio control features. I cant find them either in the program or the docs. Am I missing somthing?

Are there any addons for Logsat or Nova that do radio control?

Is there a better program that does the whole thing that I should be looking at? Prefer Windows 98 softare.

--
Steve Ensley
KB9RRM

2488. Re: Project JOVE receiver - Up and running for Solar observation!

Newsgroup: rec.radio.amateur.space
Date: 2000-10-25 02:51:52 UTC
From: napperwm@aol.com
Message-ID: <20001024225152.25563.00001591@ng-cg1.aol.com>
Source record: 8220

>This is the first time I heard about "Project Jove".
>Can you please tell me what is it and which resources are available on the
>Internet for the beginners ?

Gio,
Project JOVE is a NASA sponsored project that provides 20.1 MHZ receiver kits
and dual dipole antenna kits for kids to assemble and observe Jupiter.

Go to http://radiojove.gsfc.nasa.gov

All the information you need is there!
Our kit is up and running as we speak.

Bill

2489. WTB ICOM UX-98 MODULE (2.4 GHZ IC970)

Newsgroup: rec.radio.amateur.space
Date: 2000-10-26 04:04:15 UTC
From: Joe Leikhim <jleikhim@nettally.com>
Message-ID: <39F7AD3F.A6E4CD50@nettally.com>
Source record: 8223

Subject says it all. I have cash ready. Please respond via e-mail with condition, price, phone number and particulars.

--
Joe Leikhim K4SAT
Jleikhim@nettally.com

"tv dinner by the pool,
i'm so glad i finished school" -F.Zappa 1967

"The Revolution will NOT be televised" -Gil Scott Heron

Dopeler effect: The tendency of stupid ideas to seem smarter when they come
at you rapidly.

2490. Re: Ham-Space Digest V2000 #274 (AbsentWise)

Newsgroup: rec.radio.amateur.space
Date: 2000-10-26 12:13:23 UTC
From: malcolm.andrew@aeat.co.UK
Message-ID: <s9f82e09.046@a-hgwd3.harwell.aeat.co.uk>
Source record: 8224

I am absent from 24 October to 31 October please contact Dr Duncan Mackay

2491. Re: Your configuration of (AbsentWise)

Newsgroup: rec.radio.amateur.space
Date: 2000-10-26 13:14:59 UTC
From: Christopher Cox <cobox@urec.net>
Message-ID: <01c03f4e$c77e0e20$78c8a8c0@CBX-NT>
Source record: 8225

This is being sent to you because I do not think you know that your configuration of AbsentWise spams rec.radio.amateur.space daily while you are gone.

Thanks

Christopher Cox

Malcolm Andrew <malcolm.andrew@aeat.co.UK> wrote in article <s9f82e09.046@a-hgwd3.harwell.aeat.co.uk>...
> I am absent from 24 October to 31 October please contact Dr Duncan Mackay
>

2492. Bush & U.S. Constitution

Newsgroup: rec.radio.amateur.space
Date: 2000-10-26 16:27:44 UTC
From: maxineroseusa@netscape.NET
Message-ID: <20001026162729.26791.qmail@www0y.netaddress.usa.net>
Source record: 8226

TEXAS UNDER THE LEADERSHIP OF GOV. G. W. BUSH, IS RANKED:
50th in spending for teachers' salaries
49th in spending on the environment
48th in per-capita funding for public health
47th in delivery of social services
42nd in child support collections
41st in per-capita spending on public education
BUT
1st in air and water pollution
1st in percentage of poor working parents without insurance
1st in percentage of children without health insurance
1st in executions (avg. 1 every 2 weeks for Bush's 5 years)
5th in percentage of population living in poverty

HIS RUNNING MATE, DICK CHENEY, TOOK A STAND:
Against lowering oil (gas) prices
Against Head Start for children
Against the release of Nelson Mandela from prison
Against child protective gun locks and gun control
Against keeping the Department of Education
Against keeping the Department of the Arts
Against job training for veterans

Handgun Control Coalition: "Bush is responsible for a Texas law that makes it easy for citizens to carry guns into churches, synagogues, hospitals, nursing homes, and amusement parks."

Chicago Tribune, Steve Chapman: "Bush has a thinner resume than anyone elected president since Woodrow Wilson. How can someone with an undistinguished career in business and so little experience in government be adequately prepared for the most important job in the world?"

Frontline, PBS: "Bush applied to law school but could not get in."

New York Times, Paul Krugman: "Bush focuses like a laser on very well-off""

Washington Post: "Bush's tax cuts are dangerous."

New Republic, 10/9/00: "Texas overspent its budget by a whopping $610 million this year."

Sun-Sentinel, Jane Bryant Quinn, Washington Writers Group: "The public debt belongs to us all, just as the surplus does"the more we bring down the debt, the larger the stock of productive capital, and the higher future incomes will be."

Woman's Rights: Bush stated emphatically he intends to restrict a woman's right to choose. He once asked his wife, Laura, for her opinion about something and because it differed from his, he drove the Pontiac into the garage wall in a rage (George magazine, 9/00).

George Magazine, 9/00: Bush stopped drinking at 40 and began a "religious journey". He is not concerned about blurring the line between church and state. He created an unusual and aggressive Policy Committee on Religion. He and his staff wrote and passed legislation that allows churches to register as quasi-official government agencies. Sixty (60) churches have signed up so far and may start receiving government funding next year; but although they will be government funded, they cannot be inspected by the state. Bush calls these "faith-based laws." One "faith-based" facility was caught disciplining children by tying them to their beds. Bush's philosophy: "Discipline and love go hand-in-hand." By injecting religion into government, he has violated the First Amendment to the Constitution of the United States of America, which calls for a separation of government and religion. Bush says, people of all faiths are welcome---Muslims, Hindus, Buddhists, Catholics---as long as they believe in New Testament scripture and Christian doctrine.

Meanwhile, his brother, Gov. Jeb Bush of Florida, has meetings behind a locked wrought-iron fence"no reporters allowed"no minutes kept. Reporters have asked Jeb Bush to open the sessions. Bush has refused. This is a violation of the Florida State Constitution (Sunshine law). (Miami Herald 9/17/00)

Note: Hitler rose to power in a democracy and immediately began changing the law to make violating the German Constitution and discriminating against Jews and Christian non-aryans "legal." This eventually led to the death of millions of people of every religion, race, color, and creed. Ironically, Prescott Bush, director of Union Banking Corporation, who later became the Republican U.S. Senator from Connecticut, ran Nazi front organizations which financed and armed the Nazi war machine, building them up for the takeover of Germany, Europe, and the U.S.A., using slave labor. For his part in the Hitler revolution, Prescott Bush was paid a fortune. This is the fortune he left to his son, President George Bush. (see "George Bush: The Unauthorized Biography"Online," for well-documented details)

Bush lied during the 2nd Debate. The murderers of James Byrd did not all get the death penalty.

THINK WHAT THEY WOULD DO TO THE COUNTRY IF THEY WERE ELECTED!!!

Please forward this to every person of voting age you know

_____
Get your own FREE, personal Netscape WebMail account today at
http://home.netscape.com/webmail

2493. Re: Bush & U.S. Constitution

Newsgroup: rec.radio.amateur.space
Date: 2000-10-26 16:40:00 UTC
From: Barry D <x123x123@yahoo.com>
Message-ID: <A7ZJ5.41991$x81.844730@news2.rdc1.on.home.com>
Source record: 8227

Maxine Rose <maxineroseusa@netscape.NET> wrote in message
news:20001026162729.26791.qmail@www0y.netaddress.usa.net...
> TEXAS UNDER THE LEADERSHIP OF GOV. G. W. BUSH, IS RANKED:
> 50th in spending for teachers' salaries
> 49th in spending on the environment
> 48th in per-capita funding for public health
> 47th in delivery of social services
> 42nd in child support collections
> 41st in per-capita spending on public education
> BUT.
> 1st in air and water pollution
> 1st in percentage of poor working parents without insurance
> 1st in percentage of children without health insurance
> 1st in executions (avg. 1 every 2 weeks for Bush's 5 years)
> 5th in percentage of population living in poverty
>
> HIS RUNNING MATE, DICK CHENEY, TOOK A STAND:
> Against lowering oil (gas) prices
> Against Head Start for children
> Against the release of Nelson Mandela from prison
> Against child protective gun locks and gun control
> Against keeping the Department of Education
> Against keeping the Department of the Arts
> Against job training for veterans
>

Whats this got to do with space/satelites Maxine?

2494. Your Spam

Newsgroup: rec.radio.amateur.space
Date: 2000-10-26 18:21:47 UTC
From: Christopher Cox <cobox@urec.net>
Message-ID: <01c03f79$9816d600$78c8a8c0@CBX-NT>
Source record: 8228

Your spam is to be reported to the University of San Diego.

Have a good day!

2495. Radio Astronomy Question, Pre-Amp

Newsgroup: rec.radio.amateur.space
Date: 2000-10-27 10:09:28 UTC
From: Bookvous <bookvous@optushome.com.au>
Message-ID: <svcK5.3680$KY1.9887@news1.rivrw1.nsw.optushome.com.au>
Source record: 8229

Im think about getting started in radio astronomy and know a fair bit about astronomy and electronics and a bit about radio, but what is the difference between an LNA and a LNB? I assume they are pre-amps?

--
Bookvous
ICQ# - 748303

2496. Can I use this scanner for radio astronomy?

Newsgroup: rec.radio.amateur.space
Date: 2000-10-27 11:21:23 UTC
From: Bookvous <bookvous@optushome.com.au>
Message-ID: <TydK5.3702$KY1.9934@news1.rivrw1.nsw.optushome.com.au>
Source record: 8230

Im relatively new to radio astronomy and was wonder if this scanner would be suitable for radio astronomy. I've noticed it has no DC output so would I still be able to use it with a chart plotter or computer?
The following is the catalogue info on the scanner:

Uniden 9000XLT Desktop Scanner

Our fastest desktop scanner, the Uniden 9000XLT provides excellent performance and many new functions for ease of operation. It sports a large back-lit, 2-line LCD screen, speedy Twin Turbo operation (Scan at 100 channels/sec, Search at up to 300 steps/sec) and 500 memories (of which 250 can have alpha character names stored). Frequency coverage is 25MHz to 549.95MHz and 760MHz to 1300MHz, with 4 selectable step rates, 10 priority channels and AM, FM narrow and FM wide reception modes. Supplied complete with an AC adaptor and telescopic antenna. Other features include Auto memory sorting for faster scanning, Switchable attenuator to reduce overloading, Data skip and channel/ frequency lockout, Rotary tuning control, Scan/Search delay, Direct keypad frequency or memory entry. Includes jacks for line output and Aux. Control, and external speaker.

Features: Our best performance desktop scanner
Huge 25-549.95MHz and 760-1300MHz frequency coverage
Large backlit 2 line LCD screen for easy viewing
500 memory channels, 4 selectable step rates, 10 Priority channels
Twin Turbo operation finds activity faster (Search up to 300ch/sec)
Includes telescopic antenna and AC adaptor

Thanks in advance,

--
Bookvous
ICQ# - 748303

2497. Re: Ham-Space Digest V2000 #275 (AbsentWise)

Newsgroup: rec.radio.amateur.space
Date: 2000-10-27 12:16:26 UTC
From: malcolm.andrew@aeat.co.UK
Message-ID: <s9f98021.019@a-hgwd3.harwell.aeat.co.uk>
Source record: 8231

I am absent from 24 October to 31 October please contact Dr Duncan Mackay

2498. FAST CASH

Newsgroup: rec.radio.amateur.space
Date: 2000-10-27 16:45:27 UTC
From: mcdonnellfam@home.COM
Message-ID: <39F9B152.720A6FE2@home.com>
Source record: 8232

Dear Friend:
With a couple of minutes of your time I'm
going to show you how you can
turn
$6 and
6 stamps into thousands of dollars. Don't
get skeptical yet, just read
the
letter and then decide if you want to invest
a measly $6!!

HOW TO TURN SIX DOLLARS INTO SIX THOUSAND:
READING THIS COULD CHANGE YOUR LIFE! Wow!!
IT DOES WORK!

A little while back, I was browsing through
newsgroups, just like you
are
now, and came across an article similar to
this that said you could make

thousands of dollars within weeks with only
an initial investment of
$6.00!
So I thought, "Yeah right, this must be a
scam", but like most of us, I
was
curious, so I kept reading. Anyway, it said
that you send $1.00 to each
of
the 6 names and address stated in the
article. You then place your own
name
and address in the bottom of the list at #6,
and post the article in at
least 200 newsgroups.
(There are thousands) No catch, that was it.
So after thinking it over,
and
talking to a few people first, I thought
about trying it. I figured:
"What
have I got to lose except 6 stamps and
$6.00, right?" Then I invested
the

measly $6.00. Well GUESS WHAT!?...Within 7 days, I started getting money in the mail! I was shocked! I figured it would end soon, but the money just

kept coming in. In my first week, I made about $25.00. By the end of the

second week I had made a total of over $1,000.00! In the third week I had over 10,000.00 and it's still growing. This is now my fourth week and I have made a total of just over $42,000.00 and it's still coming in rapidly.
It's certainly worth $6.00, and 6 stamps, I have spent more than that on the lottery!! Let me tell you how

this works and most importantly, WHY it works... Also, make sure you print a copy of this article NOW, so you can get the information off of it as you need it. I promise you that if you follow the directions exactly, that you will start making more money than you thought possible by doing something so easy!
Six Bucks and Six stamps... not a big deal to get lots more $$$$. IT WORKS!!!!
Suggestion: Read this entire message carefully! (print it out or download it.) Follow the simple directions and watch the money come in! It's easy.
It's legal. And, your investment is only $6.00 (Plus postage).

IMPORTANT: This is not a rip-off; it is not indecent; it is not illegal; and it is 99% no risk - it really works! If all of the following

instructions
are adhered to, you will receive
extraordinary dividends.

PLEASE NOTE:
Please follow these directions EXACTLY, and
$50,000 or more can be yours
in
20
to 60 days. This program remains successful
because of the honesty and
integrity of the participants. Please
continue its success by carefully
adhering to the instructions.
You will now become part of the Mail Order
business. In this business
your
product is not solid and tangible, it's a
service. You are in the
business
of developing Mailing Lists. Many large
corporations are happy to pay
big
bucks for quality lists. However, the money
made from the mailing lists
is
made from people like you and me asking to
be included in that list.

Here are the 4 EASY, EASY, EASY steps to
success:

STEP 1: Get 6 separate pieces of paper and
write the following on each
piece
of paper "PLEASE PUT ME ON YOUR MAILING
LIST."
Now get 6 US $1.00 bills and place ONE
inside EACH of the 6 pieces of
paper
so the
bill will not be seen through the envelope
(to prevent thievery).

Next, place one paper in each of the 6
envelopes and seal them. You
should
now have 6 sealed envelopes, each with a
piece of paper stating the
above
phrase, your name and address, and a $1.00

bill. What you are doing is
creating a service. THIS IS ABSOLUTELY
LEGAL! You are requesting a
legitimate service and you are paying for
it! Like most of us I was a
little
skeptical and a little worried about the
legal aspects of it all. So I
checked it out with the U.S. Post Office
(1-800-725-2161) and they
confirmed
that it is indeed legal. Mail the 6
envelopes to the following
addresses:

1) Sue Wagner
608 First Avenue
Altoona, PA 16602

2) C. Mangan
503 Oak Ave NW
Elkader, IA 52043

3) Richard Powers
748 Battlefield Blvd. South
Chesapeake, Va. 23322

4) Ryan Palmer
6595 380th Ct.
North Branch, Mn 55056

5)Susan Moreland
233 cr 190
Longbranch, TX 75669

6)Carrie McDonnell
3130-109 Ave S.W.
Calgary, AB Canada
T2W 3H2

STEP 2: Now, you do not need to re-type this
entire letter . Simply put
your
cursor at the beginning of this letter and
drag your cursor to the
bottom of
this document, and select 'copy' from the
edit menu(or right mouse click
and
choose "copy"). This will copy the entire
letter into the computer's
memory

temporarily. Now click "Start" then
"accessories" then "wordpad" Open a

blank 'notepad' file and place your cursor
at the top of the blank page.

>From the 'edit' menu select 'paste'.(or
right mouse click and choose
"paste") This will paste a copy of the
letter into notepad so that you
can
add your name to the list. Take the #1 name
off the list that you see
above,(to do so, put your cursor at the end
of the address of the FIRST
(#1)
address and click "backspace" until name and
address are gone.) Change
the
other numbers to one lower number (6
becomes 5, 5 becomes 4, etc...) by

putting your cursor on the right side of
each number and pushing
backspace
one time, then type the new number and add
YOUR Name as number 6 on the
list. (when you add your name it may be
double spaced... thats ok.)

STEP 3:. Now, post your amended article to
at least 200 newsgroups (I
think
there are close to 24,000 groups). All you
need is 200,
but remember, the more you post, the more
money you make! You won't get
very
much unless you post like crazy. :) This is
perfectly legal! If you have
any
doubts, refer to Title 18 Sec. 1302 & 1341
of the Postal lottery laws.
Keep
a copy of these steps for yourself and,
whenever you need money, you can

use it again, and again.

PLEASE REMEMBER that this program remains
successful because of the
honesty

and integrity of the participants and by
their carefully adhering to the

directions. Look at it this way. If you are
of integrity, the program
will
continue and the money that so many others
have received will come your
way.

NOTE:
Iit might be a good idea to wrap the $1 bill
in dark paper to reduce the

risk of mail theft.) As each post is
downloaded and the directions
carefully
followed, six members will be
reimbursed for their participation as a List
Developer with one dollar
each.
Your name will move up the list so that when
your name reaches the #1
position you will be receiving thousands of
dollars in CASH!!! What an
opportunity for only $6.00 ($1.00 for each
of the first six people
listed
above) Send it now. Add your own name to the
list and you're in
business!

---EASY STEP BY STEP DIRECTIONS ----- FOR
HOW TO POST TO
NEWSGROUPS------------

2499. Re: Can I use this scanner for radio astronomy?

Newsgroup: rec.radio.amateur.space
Date: 2000-10-27 18:15:19 UTC
From: Paul Keinanen <keinanen@sci.fi>
Message-ID: <pt9jvs4huhfd7g5mea37ju07bp3tfj6p4q@4ax.com>
Source record: 8233

On Fri, 27 Oct 2000 11:21:23 GMT, "Bookvous"
<bookvous@optushome.com.au> wrote:

>Im relatively new to radio astronomy and was wonder if this scanner would be
>suitable for radio astronomy. I've noticed it has no DC output so would I
>still be able to use it with a chart plotter or computer?

You could build a Dicke radiometer. Quickly switch the receiver input
between the antenna and a reference noise source (e.g. a resistor).
The switching rate could bee a few hundred Hertz. Use a synchronous
detector at the audio output to generate a DC signal that is
proportional to the difference between the antenna signal and the
reference signal.

>can have alpha character names stored). Frequency coverage is 25MHz to
>549.95MHz and 760MHz to 1300MHz, with 4 selectable step rates, 10 priority
>channels and AM, FM narrow and FM wide reception modes. Supplied complete

FM is useless, since it goes into limiting. AM might be usable, but
SSB would be preferable.

The frequency range is not very usable, I think the Jupiter noise is
around 20 MHz and e.g. the 21 cm hydrogen line is also outside the
frequency band.

2500. RS13/15 Rise Times

Newsgroup: rec.radio.amateur.space
Date: 2000-10-27 19:33:56 UTC
From: "Richard H." <rh3x@erols.com>
Message-ID: <holjvskq8kkghs8tud7s21dfnraefok3af@4ax.com>
Source record: 8234

Hello All:

Considering getting into ham sats but first want monitor the 10m RS satellites.

Where can I find a list of the rise times and max el for the RS13 & RS15 based on Washington D.C. (my qth is 50 miles sw in VA).

Thank you,

de Richard/N2JR

2501. Re: Can I use this scanner for radio astronomy?

Newsgroup: rec.radio.amateur.space
Date: 2000-10-27 20:08:52 UTC
From: Ash <ash@gravitywell.org>
Message-ID: <39F9E117.7A80A397@gravitywell.org>
Source record: 8235

There are alot of amateur astonomers who scan the sky at around 400-410, 600,
8-900MHz,
A couple of good sites:

http://www.nitehawk.com/rasmit/
http://members.aol.com/gca7sky/lambda.htm

The problem for me is to find acceptable antennas, both by the neighbours and me
:)
Stacked yagi's are spacious, and I'm yet to find a big parabolic dish within
reasonable
distance from my house...

Paul Keinanen wrote:

> On Fri, 27 Oct 2000 11:21:23 GMT, "Bookvous"
> <bookvous@optushome.com.au> wrote:
>
> >Im relatively new to radio astronomy and was wonder if this scanner would be
> >suitable for radio astronomy. I've noticed it has no DC output so would I
> >still be able to use it with a chart plotter or computer?
>
> You could build a Dicke radiometer. Quickly switch the receiver input
> between the antenna and a reference noise source (e.g. a resistor).
> The switching rate could bee a few hundred Hertz. Use a synchronous
> detector at the audio output to generate a DC signal that is
> proportional to the difference between the antenna signal and the
> reference signal.
>
>
> >can have alpha character names stored). Frequency coverage is 25MHz to
> >549.95MHz and 760MHz to 1300MHz, with 4 selectable step rates, 10 priority
> >channels and AM, FM narrow and FM wide reception modes. Supplied complete
>
> FM is useless, since it goes into limiting. AM might be usable, but
> SSB would be preferable.
>
> The frequency range is not very usable, I think the Jupiter noise is
> around 20 MHz and e.g. the 21 cm hydrogen line is also outside the
> frequency band.

2502. Re: Can I use this scanner for radio astronomy?

Newsgroup: rec.radio.amateur.space
Date: 2000-10-27 21:45:07 UTC
From: Bookvous <bookvous@optushome.com.au>
Message-ID: <DHmK5.3730$KY1.10064@news1.rivrw1.nsw.optushome.com.au>
Source record: 8236

Ok that sounds like not quite what im after. Could you reccomend a scanner
with DC out

"Paul Keinanen" <keinanen@sci.fi> wrote in message
news:pt9jvs4huhfd7g5mea37ju07bp3tfj6p4q@4ax.com...
> On Fri, 27 Oct 2000 11:21:23 GMT, "Bookvous"
> <bookvous@optushome.com.au> wrote:
>
> >Im relatively new to radio astronomy and was wonder if this scanner would
be
> >suitable for radio astronomy. I've noticed it has no DC output so would I
> >still be able to use it with a chart plotter or computer?
>
> You could build a Dicke radiometer. Quickly switch the receiver input
> between the antenna and a reference noise source (e.g. a resistor).
> The switching rate could bee a few hundred Hertz. Use a synchronous
> detector at the audio output to generate a DC signal that is
> proportional to the difference between the antenna signal and the
> reference signal.
>
>
> >can have alpha character names stored). Frequency coverage is 25MHz to
> >549.95MHz and 760MHz to 1300MHz, with 4 selectable step rates, 10
priority
> >channels and AM, FM narrow and FM wide reception modes. Supplied complete
>
> FM is useless, since it goes into limiting. AM might be usable, but
> SSB would be preferable.
>
> The frequency range is not very usable, I think the Jupiter noise is
> around 20 MHz and e.g. the 21 cm hydrogen line is also outside the
> frequency band.
>

2503. Re: Radio Astronomy Question, Pre-Amp

Newsgroup: rec.radio.amateur.space
Date: 2000-10-27 22:07:20 UTC
From: Ralph Mowery <rmowery@dialpoint.net>
Message-ID: <39F9FC98.943EBC0C@dialpoint.net>
Source record: 8239

The LNA is a low noise amplifier (read as preamp). The LNB is a low noise block converter. It will take a Microwave signal (10 ghz or 3 ghz) and convert it to a lower frequency (about 950 to 1400 mhz, or mabe 70 mhz for example).

Bookvous wrote:
>
> Im think about getting started in radio astronomy and know a fair bit about
> astronomy and electronics and a bit about radio, but what is the difference
> between an LNA and a LNB? I assume they are pre-amps?
>
>

2504. Re: RS13/15 Rise Times

Newsgroup: rec.radio.amateur.space
Date: 2000-10-27 22:10:57 UTC
From: Ralph Mowery <rmowery@dialpoint.net>
Message-ID: <39F9FD71.205FE35E@dialpoint.net>
Source record: 8240

Go to the amsat.org web site for ham sat news. Then go to their files section and download one of the tracking probrams. Also download their Kepliarin element set. This is a bunch of numbers that tell the tracking program how to calculate the position of each sat. Run prorgam with the current set of elements.

"Richard H." wrote:
>
> Hello All:
>
> Considering getting into ham sats but first want monitor the 10m RS
> satellites.
>
> Where can I find a list of the rise times and max el for the RS13 &
> RS15 based on Washington D.C. (my qth is 50 miles sw in VA).
>
> Thank you,
>
> de Richard/N2JR

2505. Re: RS13/15 Rise Times

Newsgroup: rec.radio.amateur.space
Date: 2000-10-27 22:12:53 UTC
From: Peter Hodgson <va3pkh@rac.ca>
Message-ID: <39F9FDE5.77E0C896@rac.ca>
Source record: 8237

Hi Richard
You can try www.heavens-above.com
it gives passes that are above 10 deg.
You can download Winorbit at http://www.sat-net.com/winorbit/
and calculate your own tables.

73

Peter
VA3PKH
"Richard H." wrote:
>
> Hello All:
>
> Considering getting into ham sats but first want monitor the 10m RS
> satellites.
>
> Where can I find a list of the rise times and max el for the RS13 &
> RS15 based on Washington D.C. (my qth is 50 miles sw in VA).
>
> Thank you,
>
> de Richard/N2JR

2506. FS: LNA and Pre-amp for 1ghz -2.6 ghz

Newsgroup: rec.radio.amateur.space
Date: 2000-10-27 22:16:25 UTC
From: Eavesdropper <ian@eavesdropper.worldonline.co.uk>
Message-ID: <39f9fea2@news.server.worldonline.co.uk>
Source record: 8238

Used by me for a while for meteosat and inmarsat etc, good performance with all leads (power and coax appx 25m) also a meteosat antenna thrown in. Excellent results obtained with it on 1.2m dish.

100 UKP or nearest offer buyer pays carriage

regards

ian

2507. Re: Ham-Space Digest V2000 #274 (AbsentWise)

Newsgroup: rec.radio.amateur.space
Date: 2000-10-28 00:04:00 UTC
From: Bruce Cox <peacox@gloryroad.net>
Message-ID: <39FA17F0.C7353CA5@gloryroad.net>
Source record: 8241

Telling the whole world you are away from home and your station is an invitation for burgulars. pc

Malcolm Andrew wrote:

> I am absent from 24 October to 31 October please contact Dr Duncan Mackay

2508. P3D digital 10.7Mhz/DDC/DSP

Newsgroup: rec.radio.amateur.space
Date: 2000-10-28 00:41:17 UTC
From: Cathryn Mataga <cathryn@junglevision.com>
Message-ID: <39FA1FB9.B6B95A50@junglevision.com>
Source record: 8242

I was looking through the description of the P3D digital design, and they mentioned an article...

[1] The DDC has been mentioned previously in QEX, see Anderson, P. T.,
"A Simple SSB Receiver Using a Digital Down Converter", QEX, March 1994, for an overview

Which I'm very curious about. Err, that is exactly how they did it. I see a bunch of zip files on the arrl web site such as 'A simple synchronous-AM detector for the DDC-based receiver' and I wonder if this is it. Or, at least it seems somewhat encouraging that maybe there's a DDC+DSP design that amateurs have gotten to work.

Optimistically I'm hoping someone designed a circuit board that I can plug in and go -- but I'm also interested just for ideas on what they did and the problems they ran into. I think having an exact copy of the P3D digital board would be nifty for maybe trying to code that would work with that. But mainly I'm looking to learn about this stuff.

At least could someone fax me a copy of the article to 510-649-0452, or maybe email me PDF/text files if they have those?

2509. Re: P3D digital 10.7Mhz/DDC/DSP

Newsgroup: rec.radio.amateur.space
Date: 2000-10-28 01:22:43 UTC
From: Cathryn Mataga <cathryn@junglevision.com>
Message-ID: <39FA296E.4AEEE161@junglevision.com>
Source record: 8243

Cathryn Mataga wrote:
>
> I was looking through the description of the P3D digital design, and they mentioned an article...
>
> [1] The DDC has been mentioned previously in QEX, see Anderson, P. T.,
> "A Simple SSB Receiver Using a Digital Down Converter", QEX, March 1994, for an overview
>
> Which I'm very curious about. Err, that is exactly how they did it. I see a bunch
> of zip files on the arrl web site such as 'A simple synchronous-AM detector for
> the DDC-based receiver' and I wonder if this is it. Or, at least it seems somewhat
> encouraging that maybe there's a DDC+DSP design that amateurs have gotten to work.
>
> Optimistically I'm hoping someone designed a circuit board that I can plug in and
> go -- but I'm also interested just for ideas on what they did and the problems
> they ran into. I think having an exact copy of the P3D digital board would be
> nifty for maybe trying to code that would work with that. But mainly I'm looking
> to learn about this stuff.
>
> At least could someone fax me a copy of the article to 510-649-0452, or maybe
> email me PDF/text files if they have those?

Hey, wait. I just ordered the QEX CD for $38.00. So, I guess that'll be in there
-- among other things.

2510. Re: P3D digital 10.7Mhz/DDC/DSP

Newsgroup: rec.radio.amateur.space
Date: 2000-10-28 01:22:53 UTC
From: Cathryn Mataga <cathryn@junglevision.com>
Message-ID: <39FA2978.2EE0C07C@junglevision.com>
Source record: 8244

Cathryn Mataga wrote:
>
> I was looking through the description of the P3D digital design, and they mentioned an article...
>
> [1] The DDC has been mentioned previously in QEX, see Anderson, P. T.,
> "A Simple SSB Receiver Using a Digital Down Converter", QEX, March 1994, for an overview
>
> Which I'm very curious about. Err, that is exactly how they did it. I see a bunch
> of zip files on the arrl web site such as 'A simple synchronous-AM detector for
> the DDC-based receiver' and I wonder if this is it. Or, at least it seems somewhat
> encouraging that maybe there's a DDC+DSP design that amateurs have gotten to work.
>
> Optimistically I'm hoping someone designed a circuit board that I can plug in and
> go -- but I'm also interested just for ideas on what they did and the problems
> they ran into. I think having an exact copy of the P3D digital board would be
> nifty for maybe trying to code that would work with that. But mainly I'm looking
> to learn about this stuff.
>
> At least could someone fax me a copy of the article to 510-649-0452, or maybe
> email me PDF/text files if they have those?

Hey, wait. I just ordered the QEX CD. So, I guess that'll be in there
-- among other things.

2511. WTB ICOM UX-98 MODULE (2.4 GHZ IC970)

Newsgroup: rec.radio.amateur.space
Date: 2000-10-28 02:31:27 UTC
From: Joe Leikhim <jleikhim@nettally.com>
Message-ID: <39FA3A7F.4376FA0A@nettally.com>
Source record: 8245

> Subject says it all. I have cash ready. Please respond via e-mail with
> condition, price, phone number and particulars.
>
> --
> Joe Leikhim K4SAT
> Jleikhim@nettally.com
>
> "tv dinner by the pool,
> i'm so glad i finished school" -F.Zappa 1967
>
> "The Revolution will NOT be televised" -Gil Scott Heron
>
> Dopeler effect: The tendency of stupid ideas to seem smarter when they
> come
> at you rapidly.

2512. Where do I point my dish?

Newsgroup: rec.radio.amateur.space
Date: 2000-10-28 07:55:08 UTC
From: Bookvous <bookvous@optushome.com.au>
Message-ID: <wDvK5.3787$KY1.10035@news1.rivrw1.nsw.optushome.com.au>
Source record: 8246
Cross-posted to: sci.astro.seti,alt.sci.seti,rec.radio.amateur.space

Im building a SETI/Radio Astronomy radio telescope. Im going to fix the dish in azimuth but dont know what direction to fix it in if I live in Sydney Australia. I think it could be either pointing north or south but im not 100% sure. Any help would be appreciated.

--
Bookvous
ICQ# - 748303

2513. Re: Where do I point my dish?

Newsgroup: rec.radio.amateur.space
Date: 2000-10-28 11:03:33 UTC
From: Ed Nelson <ednelson@waitrose.com>
Message-ID: <8tebokgtk1@gxsn.com>
Source record: 8247
Cross-posted to: sci.astro.seti,alt.sci.seti,rec.radio.amateur.space

Hi,

It should be pointing north, if you're in the southern hemisphere, and able to swing up from close to your northern horizon through the zenith (i.e. straight up - sorry if that was patronising:-)) and back down to the south celestial pole (SCP). The SCP is located at an angle equal to your latitude above your southern horizon. Idealy, don't use magnetic north/south, but check your magnetic deviation - it's on good maps.

That was surprisingly b!**dy hard to write! Everything's got to be back to front from what it is up here in the UK.

I'm curious, so now for my questions; what are you building? What design, diameter, frequency/bandwidth, front end electronics and spectrometer are you using, etc., etc.? What's your spectral coverage, antenna temperature or flux density limit etc.? How are you going to analyse data?

Ed.

Bookvous <bookvous@optushome.com.au> wrote in message news:wDvK5.3787$KY1.10035@news1.rivrw1.nsw.optushome.com.au...
> Im building a SETI/Radio Astronomy radio telescope. Im going to fix the dish
> in azimuth but dont know what direction to fix it in if I live in Sydney
> Australia. I think it could be either pointing north or south but im not
> 100% sure. Any help would be appreciated.
>
> --
> Bookvous
> ICQ# - 748303
>
>

2514. Re: Ham-Space Digest V2000 #276 (AbsentWise)

Newsgroup: rec.radio.amateur.space
Date: 2000-10-28 12:17:08 UTC
From: malcolm.andrew@aeat.co.UK
Message-ID: <s9fad16f.011@a-hgwd3.harwell.aeat.co.uk>
Source record: 8248

I am absent from 24 October to 31 October please contact Dr Duncan Mackay

2515. Re: Where do I point my dish?

Newsgroup: rec.radio.amateur.space
Date: 2000-10-28 12:26:17 UTC
From: david@djwhome.demon.co.uk
Message-ID: <T972735973@djwhome.demon.co.uk>
Source record: 8110
Cross-posted to: sci.astro.seti,alt.sci.seti,rec.radio.amateur.space

In article <wDvK5.3787$KY1.10035@news1.rivrw1.nsw.optushome.com.au>,
bookvous@optushome.com.au wrote:

> Im building a SETI/Radio Astronomy radio telescope. Im going to fix the dish
> in azimuth but dont know what direction to fix it in if I live in Sydney
> Australia. I think it could be either pointing north or south but im not

The optimum direction for SETI is probably straight up++, as that gives
minimum atmospheric noise. If you are limited to a 90 degree arc from
horizon to vertical in one direction, South might be best as that will
cover a blind area for many radio telescopes. On the other hand,
you want to have someone who can confirm any detection.

If you are not constrained to the horizon, 45 degrees either side of
vertical might be better.

For astronomy, I suspect North is best, because it gives access to the
Sun and Jupiter, and, I think, more of our galaxy (I'm assuming that
interesting SETI sources would be local enough not to be concentrated in
the plane of the galaxy).

You should certainly investigate the <http://www.setileague.org/>
site, and should probably join their public mailing list. Their
eastern Australia cordinator== (unfortunately Brisbane, not Sydney)
frequents both that list and the closed list, although the closed list
would be better for this question. Asking on the public list may just
result in advice to join the league, to get access to the closed one.

You should definitely have a look at:

<http://www.setileague.org/hardware/rotors.htm>
SETI: What About Antenna Rotors?

++ Without a polar mount and drive, more polar directions allow longer
integration times, but more equatorial directions cover more solid
angle.

== Blind copied to him.

2516. Re: 4CX250K at 1296 ?

Newsgroup: rec.radio.amateur.space
Date: 2000-10-28 16:53:24 UTC
From: Ralph Mowery <rmowery@dialpoint.net>
Message-ID: <39FB0484.CE512637@dialpoint.net>
Source record: 8100

Look here :

http://www.eimac.com/catalog/10668.htm

They specify 500 mhz for full specifications. Doubt it would work very
well at 1296.

Bruce wrote:
>
> Hello, does anyone have any specs on the 4CX250K ?
> wondering how high in freq. these tetrodes will work well.
>
> thanks...........Bruce

2517. 4CX250K at 1296 ?

Newsgroup: rec.radio.amateur.space
Date: 2000-10-28 16:56:15 UTC
From: Bruce <ve6hdo@telusplanet.net>
Message-ID: <PyDK5.49052$24.8402318@news0.telusplanet.net>
Source record: 8099

Hello, does anyone have any specs on the 4CX250K ?
wondering how high in freq. these tetrodes will work well.

thanks.....Bruce

2518. Re: Where do I point my dish?

Newsgroup: rec.radio.amateur.space
Date: 2000-10-28 18:05:25 UTC
From: treynolds@email.exide.com
Message-ID: <8tf4h2vli1@nnrp1.deja.com>
Source record: 8101
Cross-posted to: sci.astro.seti,alt.sci.seti,rec.radio.amateur.space

In article <8tebokgtk1@gxsn.com>,
"Ed Nelson" <ednelson@waitrose.com> wrote:
> ....
> I'm curious, so now for my questions; what are you building? What
design,
> diameter, frequency/bandwidth, front end electronics and spectrometer
are
> you using, etc., etc.? What's your spectral coverage, antenna
temperature or
> flux density limit etc.? How are you going to analyse data?
>
I am interested to know also. Please post your answer to this
discussion group.

Tom

Sent via Deja.com http://www.deja.com/
Before you buy.

2519. S-band downlink sats

Newsgroup: rec.radio.amateur.space
Date: 2000-10-28 21:00:51 UTC
From: Ash <ash@gravitywell.org>
Message-ID: <39FB3EE4.1C32D392@gravitywell.org>
Source record: 8102

Is there no sats with any downlinks/beacons at around 1200-1300MHz
except GPS/Glonass?
Preferably geostationary over europe or even fly-by's...
Would be useful for antenna/system tuning...

//Ash

2520. Re: S-band downlink sats

Newsgroup: rec.radio.amateur.space
Date: 2000-10-28 21:33:34 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8vmhhe.tq3.nomail@linux.pe1chl.ampr.org>
Source record: 8109

Ash <ash@gravitywell.org> wrote:

>Is there no sats with any downlinks/beacons at around 1200-1300MHz
>except GPS/Glonass?
>Preferably geostationary over europe or even fly-by's...
>Would be useful for antenna/system tuning...

What do you want, S-band or 1200-1300MHz?

Rob
--
+----------------------------------+---------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+---------------------------------------+

2521. Re: Where do I point my dish?

Newsgroup: rec.radio.amateur.space
Date: 2000-10-28 21:42:34 UTC
From: Bookvous <bookvous@optushome.com.au>
Message-ID: <eLHK5.3826$KY1.10317@news1.rivrw1.nsw.optushome.com.au>
Source record: 8103
Cross-posted to: sci.astro.seti,alt.sci.seti,rec.radio.amateur.space

First of all let me say im 14 so you may see me post a couple of really dumb questions and what I'm about to say may be completely wrong and make little sense so this whole thing is gonna be a learning experience for me with help from my dad who knows a bit about radio and help from one of my friends at school who knows a bit about physics and my school teachers.

Im mainly going to be focusing on SETI for starters, because it is less costly than radio astronomy, and will move on to radio astronomy when my parents bank account has recovered.

My setup will basically include a 3m C-band dish from Sky Channel, I was looking a 4.5m but have no where to put it. Im buying a 1.42 GHz wave guide feed horn from Radio Astronomy Supplies and a 1.3-1.7 GHz LNA from Down East Microwave. My reciever will probably be a AR5000 from AOR, if I can convince my parents to buy it.

Quick question, is it absolutely necessary that my dish point from the northern horizon to the SCP if its fixed in zenith? Unfortunately I think it is.

2522. WTB ICOM UX-98 MODULE (2.4 GHZ IC970)

Newsgroup: rec.radio.amateur.space
Date: 2000-10-29 00:27:21 UTC
From: Joe Leikhim <jleikhim@nettally.com>
Message-ID: <39FB6EE8.E8B5E247@nettally.com>
Source record: 8104

> > Subject says it all. I have cash ready. Please respond via e-mail with
> > condition, price, phone number and particulars.

--
Joe Leikhim K4SAT
Jleikhim@nettally.com

"tv dinner by the pool,
i'm so glad i finished school" -F.Zappa 1967

"The Revolution will NOT be televised" -Gil Scott Heron

"Whats he building in there?"- Tom Waits

WARNING TO UNSOLICITED SPAMMERS!!!

Pursuant to U.S. Code, title 47, Chapter 5, Subchapter II,
"Any and all non-solicited commercial E-mail (SPAM) sent to
this address is subject to a download and archival fee of
$500.00 U.S."! E-mailing denotes acceptance of these terms.

2523. Re: Where do I point my dish?

Newsgroup: rec.radio.amateur.space
Date: 2000-10-29 02:30:37 UTC
From: Bookvous <bookvous@optushome.com.au>
Message-ID: <hZLK5.3843$KY1.10385@news1.rivrw1.nsw.optushome.com.au>
Source record: 8105
Cross-posted to: sci.astro.seti,alt.sci.seti,rec.radio.amateur.space

I just read my last post and realised the question at the end doesn't make much sense, and i found out the answer anyway.

"Bookvous" <bookvous@optushome.com.au> wrote in message news:eLHK5.3826$KY1.10317@news1.rivrw1.nsw.optushome.com.au...
> First of all let me say im 14 so you may see me post a couple of really dumb
> questions and what I'm about to say may be completely wrong and make little
> sense so this whole thing is gonna be a learning experience for me with help
> from my dad who knows a bit about radio and help from one of my friends at
> school who knows a bit about physics and my school teachers.
>
> Im mainly going to be focusing on SETI for starters, because it is less
> costly than radio astronomy, and will move on to radio astronomy when my
> parents bank account has recovered.
>
> My setup will basically include a 3m C-band dish from Sky Channel, I was
> looking a 4.5m but have no where to put it. Im buying a 1.42 GHz wave guide
> feed horn from Radio Astronomy Supplies and a 1.3-1.7 GHz LNA from Down East
> Microwave. My reciever will probably be a AR5000 from AOR, if I can convince
> my parents to buy it.
>
> Quick question, is it absolutely necessary that my dish point from the
> northern horizon to the SCP if its fixed in zenith? Unfortunately I think it
> is.
>
>

2524. Amateur Radio operations on ISS expected to commence in November.

Newsgroup: rec.radio.amateur.space
Date: 2000-10-29 02:59:03 UTC
From: Will Marchant <kc6rol@amsat.org>
Message-ID: <39FB9285.D2DB5108@amsat.org>
Source record: 8106

Launch of the first ISS crew, Expedition One, is set for the morning of October 31st, on a
Soyuz rocket from the Baikonur Cosmodrome. William Shepherd, KD5GSL, is the expedition commander. Yuri Gidzenko is the Soyuz vehicle
commander. Sergei Krikalev, U5MIR, is the flight engineer. NASA Television plans
extensive coverage, beginning at 0200 EST on that date.

The flight to the ISS will take approximately two days, with a docking expected on November 2nd. The crew has expressed a high level of interest in
beginning amateur radio operations early in their mission but it may be several weeks
before they can setup the amateur radio station and begin operations (probably no earlier than
November 14).

The crew may be using their own callsigns (KD5GSL, U5MIR) or they may be using one of the club stations allocated to the ISS: DL0ISS, NA1SS, or RZ3DZR.

The Expedition One crew's activities are being scheduled around the UTC timeframe. It is expected that their working day will start around 0800 UTC and end near 1900 UTC. There may be a lunch break near 1200 UTC. Passes near the beginning, lunchtime, and end of the crew day might be good times to find a crewmember relaxing with amateur radio activities. The crew also has a "weekend" off from 1200 UTC on Saturday until the end of the day on Sunday. This might be another good time to listen for crewmembers using the amateur radio equipment. Please remember that the crew is using ham radio to relax from a very difficult job. They may, or may not, be interested in working a pile-up. They might be more interested in "rag chewing" with one or two hams on a given pass. Please respect each crewmembers different operating style.

It is not known yet how much power on board the ISS will be available for leaving the packet rig powered during times when the crew cannot perform voice contacts. We continue to request that the packet rig be left on as much as possible. The crew has been trained in the use of the beaconing capabilities, and we hope that they will use that to share their experiences as the first permanent crew on the ISS. This is a "standard" AFSK AX.25 "terrestrial packet" rig, so it can be used for APRS and email can be sent to the crew. Please do not use the system to leave email for other hams on the ground. Use the mailbox to leave email for the crew.

Initial operations will only take place on the 2m band. The tentative frequencies are:
Worldwide downlink for voice and packet: 145.80
Worldwide packet uplink: 145.99
Region 1 voice uplink: 145.20
Region 2 & 3 voice uplink: 144.49

Please remember to practice good operating practices and remain courteous and patient with this crew while they establish their ham operations preferences. Listen before transmitting, to make sure you don't step upon another QSO. Wait for the crew to call for contacts before transmitting. Please let others have a chance with a rare contact, don't monopolize the crew or the packet rig. Please do not ask the crew to schedule school contacts or other schedules: this puts them in an awkward and uncomfortable position. Information about requesting dedicated contacts will be available on the ARISS web pages (http://ariss.gsfc.nasa.gov/) shortly.

QSLs and SWLs will be accepted and can be processed through Radio Amateurs of Canada or the American Radio Relay League. The card design is being finalized, but should be ready for distribution early next year. Details can be found on the ARISS web page.

The planning for school operations is actively underway, and efforts are being made to have the first several school contacts before the end of the year. It is hoped that several school contacts can be accommodated each month, but the crew will be exceedingly busy and everyone must be prepared to support more, or possibly, fewer school contacts. The initial schools have been contacted and efforts are underway to finalize the details of their contacts. The ARISS organization is beginning to accept applications for school contacts; however, the crew workload will determine the amount of time that passes between accepting an application and when a contact is scheduled. We must all remember that these are very early times for the ISS and we need to remain flexible in pursuing amateur radio operations with the crews.

Please stay tuned to the ARISS web pages (http://ariss.gsfc.nasa.gov/) for the latest information about frequencies and other operational issues.

--
Will Marchant
marchant@ssl.berkeley.edu http://chips.ssl.berkeley.edu/~marchant/
kc6rol@amsat.org New==>http://home.earthlink.net/~willmarchant/

2525. Formula for beam pattern

Newsgroup: rec.radio.amateur.space
Date: 2000-10-29 06:45:02 UTC
From: Bookvous <bookvous@optushome.com.au>
Message-ID: <OHPK5.3867$KY1.10354@news1.rivrw1.nsw.optushome.com.au>
Source record: 8107
Cross-posted to: sci.astro.seti,alt.sci.seti,rec.radio.amateur.space

Can someone please give me a formula for calculating my satellite dish's
beam patter in degrees.
Thanks.

--
Bookvous
ICQ# - 748303

2526. Re: S-band downlink sats

Newsgroup: rec.radio.amateur.space
Date: 2000-10-29 07:30:15 UTC
From: Paul Keinanen <keinanen@sci.fi>
Message-ID: <vhhnvscm51pm8me8eek157g74qavifqtdk@4ax.com>
Source record: 8108

On Sat, 28 Oct 2000 21:00:51 GMT, Ash <ash@gravitywell.org> wrote:

>Is there no sats with any downlinks/beacons at around 1200-1300MHz
>except GPS/Glonass?

Not much, the amateur satellite allocation is currently uplink only.

In addition to satellite navigation service, there are active remote sensing allocations in that region. I once tried to detect the ERTS satellite radar without success.

Paul OH3LWR

2527. Re: Formula for beam pattern

Newsgroup: rec.radio.amateur.space
Date: 2000-10-29 12:21:16 UTC
From: david@djwhome.demon.co.uk
Message-ID: <T972825672@djwhome.demon.co.uk>
Source record: 8124
Cross-posted to: sci.astro.seti,alt.sci.seti,rec.radio.amateur.space

In article <OHPK5.3867$KY1.10354@news1.rivrw1.nsw.optushome.com.au>,
bookvous@optushome.com.au wrote:

> Can someone please give me a formula for calculating my satellite dish's
> beam patter in degrees.

To calculate it accurately you need to define what constitutes the
edge of the beam and you need to know the variation in sensitivity
across the area of the dish (SETI dishes should have low sensitivity
at the edges, so that the sensitivity for the overspill of the feed
pattern onto the hot surrounding ground is low).

For a rough approximation, construct a right angled triangle with
the hypotenuse as the diameter of the dish, and the shorter side one
wavelength. Twice the the smallest angle in this triangle (arcsine
of the wavelength over the diameter) gives you the angle outside which
the edge of the dish is completely cancelling the signal at the centre.

For another approach, take the gain formula from the SETI groups' FAQ and
divide the solid angle covered by a sphere (4 pi) by the gain, to get the
solid angle covered by an even sensitivity beam that had the same gain.
If I've got the units right, for small beamwidths, the angular radius of
that circle in radians should be the half beamwidth and should be sqrt
(2 / gain) radians. This will underestimate the realistic beamwidth.
(NB the gain should be based on 50% efficiency, for a correctly configured
SETI dish. You should use the linear gain, i.e. 10^((dB gain) / 10).)

If you have Excel, there are a number of the spreadsheets at
<http://www.setileague.org/software/spreadsh.htm> which compute
beamwidth estimates under various assumptions. There is a
BASIC program that computes beamwidth, and other things, at
<http://www.setileague.org/software/aburto.htm>.

2528. Re: Where do I point my dish?(longish; a bit technical)

Newsgroup: rec.radio.amateur.space
Date: 2000-10-29 13:45:36 UTC
From: Ed Nelson <ednelson@waitrose.com>
Message-ID: <8th9pcib1@gxsn.com>
Source record: 8111
Cross-posted to: sci.astro.seti,alt.sci.seti,rec.radio.amateur.space

Hiya,

Bookvous <bookvous@optushome.com.au> wrote in message
news:eLHK5.3826$KY1.10317@news1.rivrw1.nsw.optushome.com.au...
> First of all let me say im 14 so you may see me post a couple of really
dumb
<snip>

Don't worry - I was pratting about with old valve receivers and bending bits of car roof racks for astro' antennae when I was 14 - and that was only 11 years ago! It never definitely worked 'cos I didn't spend more than a few quid on it, but I know a little more theory now! Good luck with yours. And I'm sorry if what follows gets too technical- Ive tried to explain myself!

<snip>
> Im mainly going to be focusing on SETI for starters, because it is less
> costly than radio astronomy,

If you work at high HF (i.e. 28 MHz or so) or VHF, basic radio astro' is easy enough; sounds like you're willing to spend a lot more money than I ever did, so 1.4GHz should work. Microwave gives nice narrow beam patterns without building a thing tens of meters across.

You could also try listening for signals from Jupiter's interaction with the plasma from it's moon, Io, using an HF comm's receiver (am or ssb) and a dipole at a quiet frequency between 20 and 30 MHz - see http://www.astro.ufl.edu/radioobs.html and links. With the modifications in the next paragraph you should be able to detect solar flares and the centre of our Galaxy if you put a low noise preamp, and /or big antenna, on it.

At 21cm -or any other frequency- try integrating the signal level (just needs a series resistor and a parallel capacitor) for, say, 10 sec or 1min (integration time, t= R*C) and look for the Milky Way when it goes through the beam. Or integrate with software if you're using a data logger on a PC. Signal/Noise improves as the square root of t. You may be better off to rectify the IF, and integrate it with analogue circuitry - don't use normal am/fm/ssb demodulation. Then run it through a DC amp' and log the voltage - shielding out mains hum can be a pain at this stage. Oh yeah - and make sure the AGC is off, or your data will be meaningless.

I've never thought much about SETI as an amateur project, but I suspect it's harder than basic astro. Bear in mind that S@H uses a 1000-foot antenna!
SETI is looking for V. weak signals too,probably weaker than many astrophysical emmisions, but essentialy there are two kinds of evidence -

positive and negative. Disproof is as usefull as proof since it constrains what we think may be within the bounds of possibility, but (without bothering to do any calculations) I doubt you'll find ET! But who knows, I doubt S@H will find them either, but I'm still doing it - only started a couple of weeks ago infact. It'd be a v. weird coincidence if we didn't hear from them sooner or later, so someone's going to have to answer the phone :^)

If you want to try amateur SETI, figure out where one or more close sun-like stars are and aim for them - easy if you've got a planetarium program on your PC. Epsilon Eridani (south west of Orion at about RA=3h33 Dec= -09:33deg) is one obvious choice for a southern hemisphere observer. If I were you I'd look round the net for the latest ideas on good posibilities of big planets round sun like stars, cos ther might be some earths there too - shame you can't see Tau Ceti down under. Point your antenna north, at the appropriate elevation and wait for it to go through the beam once a day (every 23h56min actualy). Then you'll have less data to crunch and you can run for an hour or less per day and tell your parents you're saving on the electricity bill!

>and will move on to radio astronomy when my
> parents bank account has recovered.
>
> My setup will basically include a 3m C-band dish from Sky Channel, I was
> looking a 4.5m but have no where to put it. Im buying a 1.42 GHz wave guide
> feed horn from Radio Astronomy Supplies and a 1.3-1.7 GHz LNA from Down East

Compare the S/N gain and stability of your LNA (and the rest of the system) with that used by the guys at the URL below. If they are a lot worse, save up for a better one.

There are "tricks" to get rid of noise and gain drift in amp's and recievers. You could do a web search for "Dicke switched radiometer" or "cold reference radiometer" or for "phase switched interferometer", but I should think they're easier with wire than with waveguides. Also, let every thing warm up before using it and try to stabilise at a resonably low temperature. You might even try cooling your pre-amp somehow, but that's a bit fancy. Also, as I said before - integrate your output. people usualy build a little box with a multiway switch and different capacitors for different integration times.

> Microwave. My reciever will probably be a AR5000 from AOR, if I can convince
> my parents to buy it.
>
> Quick question, is it absolutely necessary that my dish point from the
> northern horizon to the SCP if its fixed in zenith? Unfortunately I think it
> is.

Sorry - I thought you meant it could go up/down ("altitude" or "elevation") but fixed in azimuth(east/west). If you point it at the zenith, or any fixed elevation, it's very limiting. At Areciebo they move the feed horn to give some "steerability" to the beam on the 1000foot dish. That also makes the beam pattern change (into an ellipse from a circle), if you're looking away from the zenith.

You asked in another post about beam width - generaly defined as the angle within which signal from a point source (i.e. anythingthing small in angular size compared to the beam) excedes half the power at beam centre. This is called full width half maximum (fwhm) beamwidth or half power beamwidth (hpbw); see the radio astro' tutorials about antennae at the URL below.

I s'pose if you've got a fixed dish and moving feed, the beamwidth in the declination (I'll call that "hpbwd"; dec' is "latitude" in the sky, equivalent to elevation of the antenna minus your terrestrial latitude) axis must be hpbwd = fpbw/cos (theta), where theta is angle that you've moved the beam off-centre (which is equal to the angle you move the horn off center in the other direction).

Altitude control isn't essential, but if I were doing what you are, I'd risk the extra woodwork/metalwork and make it variable in elevation, if you want to do radio astro' - what's known as a transit instrument, 'cos it sees things transiting your celestial meridian. you don't have to go all the way from horison to SCP if it's too difficult. But diameter is vital, and easier/ cheaper for a zenith instrument.

Also, check out this URL (it's the one I refered to a couple of times above); http://fourier.haystack.mit.edu/SRT/index.html - lots of usefull stuff. It should tell you almost anything you need to know, but there's more than one way to build any system, so read the theory and make up your own design. There's a lot of other stuff on the web about projects people are doing and radio and astro' theory.

Hope that helps - I'll keep an eye on this post for anymore questions.

Seeya, Ed.

2529. Re: S-band downlink sats

Newsgroup: rec.radio.amateur.space
Date: 2000-10-29 14:07:04 UTC
From: Eavesdropper <ian@eavesdropper.worldonline.co.uk>
Message-ID: <39fc2ef2@news.server.worldonline.co.uk>
Source record: 8112

Because he bloody wants to !! jesus dumb questions

go to paul marshes web site he will help you and he is well into that part
of the spectrum
http://www.pjmarsh.co.uk/

eavesdropper

Rob Janssen <nomail@rob.knoware.nl> wrote in message
news:slrn8vmhhe.tq3.nomail@linux.pe1chl.ampr.org...
> Ash <ash@gravitywell.org> wrote:
>
> >Is there no sats with any downlinks/beacons at around 1200-1300MHz
> >except GPS/Glonass?
> >Preferably geostationary over europe or even fly-by's...
> >Would be useful for antenna/system tuning...
>
> What do you want, S-band or 1200-1300MHz?
>
> Rob
> --
>
+----------------------------------+--------------------------------------+
> | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob
|
> | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU
|
>
+----------------------------------+--------------------------------------+

2530. Re: S-band downlink sats

Newsgroup: rec.radio.amateur.space
Date: 2000-10-29 14:08:03 UTC
From: Eavesdropper <ian@eavesdropper.worldonline.co.uk>
Message-ID: <39fc2f29@news.server.worldonline.co.uk>
Source record: 8113

PS you will find the S band is a bit further uyp the speccy...go to that page and find out

eavs

Rob Janssen <nomail@rob.knoware.nl> wrote in message news:slrn8vmhhe.tq3.nomail@linux.pe1chl.ampr.org...
> Ash <ash@gravitywell.org> wrote:
>
> >Is there no sats with any downlinks/beacons at around 1200-1300MHz
> >except GPS/Glonass?
> >Preferably geostationary over europe or even fly-by's...
> >Would be useful for antenna/system tuning...
>
> What do you want, S-band or 1200-1300MHz?
>
> Rob
> --
>
+----------------------------------+--------------------------------------+
> | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob
|
> | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU
|
>
+----------------------------------+--------------------------------------+

2531. Re: Ham-Space Digest V2000 #277 (AbsentWise)

Newsgroup: rec.radio.amateur.space
Date: 2000-10-29 14:18:03 UTC
From: malcolm.andrew@aeat.co.UK
Message-ID: <s9fc3129.021@a-hgwd3.harwell.aeat.co.uk>
Source record: 8114

I am absent from 24 October to 31 October please contact Dr Duncan Mackay

2532. Re: Where do I point my dish?

Newsgroup: rec.radio.amateur.space
Date: 2000-10-29 15:20:56 UTC
From: Ed Nelson <ednelson@waitrose.com>
Message-ID: <8thf8gfsp1@gxsn.com>
Source record: 8115
Cross-posted to: sci.astro.seti,alt.sci.seti,rec.radio.amateur.space

David Woolley <david@djwhome.demon.co.uk> wrote in message
news:T972735973@djwhome.demon.co.uk...
> In article <wDvK5.3787$KY1.10035@news1.rivrw1.nsw.optushome.com.au>,
> bookvous@optushome.com.au wrote:
>
> > Im building a SETI/Radio Astronomy radio telescope. Im going to fix the
dish
> > in azimuth but dont know what direction to fix it in if I live in Sydney
> > Australia. I think it could be either pointing north or south but im not
>
> The optimum direction for SETI is probably straight up++, as that gives
> minimum atmospheric noise. If you are limited to a 90 degree arc from
> horizon to vertical in one direction, South might be best as that will
> cover a blind area for many radio telescopes. On the other hand,
> you want to have someone who can confirm any detection.

yes, but if your antenna dosn't see any very nearby sunlike stars at the
zenith you may as well not bother unless you have V. sensitive gear.

<snip>

cheers, Ed.

2533. Re: Where do I point my dish?

Newsgroup: rec.radio.amateur.space
Date: 2000-10-29 15:54:54 UTC
From: Mark <mtaylorlrim@my-deja.com>
Message-ID: <8thh8c$li2$1@nnrp1.deja.com>
Source record: 8116
Cross-posted to: sci.astro.seti,alt.sci.seti,rec.radio.amateur.space

In article <8thf8gfsp1@gxsn.com>,
"Ed Nelson" <ednelson@waitrose.com> wrote:
>
> David Woolley <david@djwhome.demon.co.uk> wrote in message
> news:T972735973@djwhome.demon.co.uk...
> > In article <wDvK5.3787$KY1.10035@news1.rivrw1.nsw.optushome.com.au>,
> > bookvous@optushome.com.au wrote:
> > >
<snip>
>
> yes, but if your antenna dosn't see any very nearby sunlike stars at
the
> zenith you may as well not bother unless you have V. sensitive gear.
>
> <snip>
>
> cheers, Ed.
>
>
Who said with any certainty that ET will be broadcasting from home? Why
not from a probe passing near our galaxy?

Mark

--
Please reply to this newsgroup as my Deja mail
is used as a spam catcher only!

Sent via Deja.com http://www.deja.com/
Before you buy.

2534. Re: S-band downlink sats

Newsgroup: rec.radio.amateur.space
Date: 2000-10-29 16:08:45 UTC
From: Ash <ash@gravitywell.org>
Message-ID: <39FC4BEE.A4288AA8@gravitywell.org>
Source record: 8117

oops sorry about the typo, meant lower L-band of course
Thanks for the link , could be useful

//Ash

Eavesdropper wrote:

> PS you will find the S band is a bit further uyp the speccy...go to that
> page and find out
>
> eavs
>
> Rob Janssen <nomail@rob.knoware.nl> wrote in message
> news:slrn8vmhhe.tq3.nomail@linux.pe1chl.ampr.org...
> > Ash <ash@gravitywell.org> wrote:
> >
> > >Is there no sats with any downlinks/beacons at around 1200-1300MHz
> > >except GPS/Glonass?
> > >Preferably geostationary over europe or even fly-by's...
> > >Would be useful for antenna/system tuning...
> >
> > What do you want, S-band or 1200-1300MHz?
> >
> > Rob
> > --
> >
> +----------------------------------+--------------------------------------+
> > | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob
> |
> > | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU
> |
> >
> +----------------------------------+--------------------------------------+

2535. Re: S-band downlink sats

Newsgroup: rec.radio.amateur.space
Date: 2000-10-29 16:13:14 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8voj4q.tq3.nomail@linux.pe1chl.ampr.org>
Source record: 8120

Eavesdropper <ian@eavesdropper.worldonline.co.uk> wrote:

>PS you will find the S band is a bit further uyp the speccy...go to that
>page and find out

Oh, you found out what my question was about?

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

2536. Re: Formula for beam pattern

Newsgroup: rec.radio.amateur.space
Date: 2000-10-29 18:02:07 UTC
From: Bob Keeter <bkeeter@netway.com>
Message-ID: <291020001302072798%bkeeter@netway.com>
Source record: 8118
Cross-posted to: sci.astro.seti,alt.sci.seti,rec.radio.amateur.space

In article <OHPK5.3867$KY1.10354@news1.rivrw1.nsw.optushome.com.au>,
Bookvous <bookvous@optushome.com.au> wrote:

> Can someone please give me a formula for calculating my satellite dish's
> beam patter in degrees.
> Thanks.
>
> --
> Bookvous
> ICQ# - 748303

For a pretty complete tutorial check out

http://www.aticourses.com/antennas_tutorial.htm

or for a basic set of "pocket calculator" rules of thumb. . . . .

http://ewhdbks.mugu.navy.mil/ANTENNAS.HTM

where you'll find that the 1/2 power beamwidth of a parabolic antenna
is roughly equal to

BW = 70 * wavelength / diameter

For 144 mhz (2 meter) and a 10 meter dish, 140/10 or 14 degrees (ps
thats a pretty sloppy antenna pattern compared to Arecibo isnt it!).
At the end of the page there is even a nice nomograph for pairing up
aperture,

Regards
bk

2537. Re: S-band downlink sats

Newsgroup: rec.radio.amateur.space
Date: 2000-10-29 18:23:16 UTC
From: Eavesdropper <ian@eavesdropper.worldonline.co.uk>
Message-ID: <39fc6b02@news.server.worldonline.co.uk>
Source record: 8122

apologies Rob, that was not meant at your response, my server is being a pain in the ass, i am not gettinbg threads/messages that others are and seem to be getting some when nobody else is,,,it's like playing chinese whispers or summit.

stupid worldonline servers !!

ian

Eavesdropper <ian@eavesdropper.worldonline.co.uk> wrote in message news:39fc2ef2@news.server.worldonline.co.uk...
> Because he bloody wants to !! jesus dumb questions
>
> go to paul marshes web site he will help you and he is well into that part
> of the spectrum
> http://www.pjmarsh.co.uk/
>
>
> eavesdropper
>
>
> Rob Janssen <nomail@rob.knoware.nl> wrote in message
> news:slrn8vmhhe.tq3.nomail@linux.pe1chl.ampr.org...
> > Ash <ash@gravitywell.org> wrote:
> >
> > >Is there no sats with any downlinks/beacons at around 1200-1300MHz
> > >except GPS/Glonass?
> > >Preferably geostationary over europe or even fly-by's...
> > >Would be useful for antenna/system tuning...
> >
> > What do you want, S-band or 1200-1300MHz?
> >
> > Rob
> > --
> >
>
+----------------------------------+--------------------------------------+
> > | Rob Janssen pe1chl@amsat.org | WWW:
http://www.knoware.nl/users/rob
> |
> > | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS:
PE1CHL@PI8WNO.#UTR.NLD.EU
> |
> >
>

```
+----------------------------------+--------------------------------------+
>
>
```

2538. Re: Where do I point my dish?

Newsgroup: rec.radio.amateur.space
Date: 2000-10-29 18:27:22 UTC
From: Bob Keeter <bkeeter@netway.com>
Message-ID: <291020001327223854%bkeeter@netway.com>
Source record: 8119
Cross-posted to: sci.astro.seti,alt.sci.seti,rec.radio.amateur.space

In article <8thf8gfsp1@gxsn.com>, Ed Nelson <ednelson@waitrose.com>
wrote:

> David Woolley <david@djwhome.demon.co.uk> wrote in message
> news:T972735973@djwhome.demon.co.uk...
> > In article <wDvK5.3787$KY1.10035@news1.rivrw1.nsw.optushome.com.au>,
> > bookvous@optushome.com.au wrote:
> >
> > > Im building a SETI/Radio Astronomy radio telescope. Im going to fix the
> dish
> > > in azimuth but dont know what direction to fix it in if I live in Sydney
> > > Australia. I think it could be either pointing north or south but im not
> >
> > The optimum direction for SETI is probably straight up++, as that gives
> > minimum atmospheric noise. If you are limited to a 90 degree arc from
> > horizon to vertical in one direction, South might be best as that will
> > cover a blind area for many radio telescopes. On the other hand,
> > you want to have someone who can confirm any detection.
>
> yes, but if your antenna dosn't see any very nearby sunlike stars at the
> zenith you may as well not bother unless you have V. sensitive gear.
>
> <snip>
>
> cheers, Ed.

You know, that might be an interesting exercise! If we ploted stellar
distances vs declination for all of the stars with known distances it
might just indicate a "declination of choice" for the homebrew dish and
maybe a "declination of interest" on the S@H gaussian and coverage
plots! Not the most systematic approach to the random problem, but
"random distribution" does not exactly preclude some "grouping" of the
data!

Regards
bk

2539. Re: Amateur Radio operations on ISS expected to commence in November.

Newsgroup: rec.radio.amateur.space
Date: 2000-10-29 18:45:12 UTC
From: "Jim Shaffer, Jr." <jshaffer@mail.csrlink.net>
Message-ID: <61sovskee3m03kp214u23lsgj2nt5ckd4h@4ax.com>
Source record: 8121

Any word on SSTV yet?

--
"[W]hether or not [the Philadelphia Experiment] happened in 1943 is not
relevant. It is, for us, like the 'flying saucer' a gedankenexperiment
to get us to the next step in post-Einsteinian unified field theory."
-Dr. Jack Sarfatti, in http://stardrive.org/Jack/algebra.pdf

2540. Re: Where do I point my dish?(longish; a bit technical)

Newsgroup: rec.radio.amateur.space
Date: 2000-10-29 23:52:57 UTC
From: Ed Nelson <ednelson@waitrose.com>
Message-ID: <8tid8g$h64$1@gxsn.com>
Source record: 8123
Cross-posted to: sci.astro.seti,alt.sci.seti,rec.radio.amateur.space

Ed Nelson <ednelson@waitrose.com> wrote in message
news:8th9pcib1@gxsn.com...
<snip>
> too - shame you can't see Tau Ceti down under. Point your antenna
<snip>

Cobblers! You can see Tau Ceti better down under than I can - since i'm a pillock, I was thinking of Cepheus, not Cetus!

Seeya, Ed.

2541. Re: Bush & U.S. Constitution E-MAIL

Newsgroup: rec.radio.amateur.space
Date: 2000-10-30 01:19:24 UTC
From: jrklim@erols.COM
Message-ID: <E13q3bE-0006s6-00@smtp02.mrf.mail.rcn.net>
Source record: 8125

Fellow E-MAIL reflectors subscribers,

I am not forwarding the E-MAIL I received, the message is too political and biased!

I am asking all of you not send out any political E-MAILS, one is way tooooooo much! This should not be a forum for politics!

I subscribe to E-MAIL reflectors for information about Amateur Radio and computer related topics.

Any replies please send to me directly.

John
N3KHK

2542. Re: Amateur Radio operations on ISS expected to commence in November.

Newsgroup: rec.radio.amateur.space
Date: 2000-10-30 01:24:14 UTC
From: Will Marchant <kc6rol@amsat.org>
Message-ID: <39FCCDD0.62DCC2AA@amsat.org>
Source record: 8126

Probably the middle of next year. That is the next time we have any
space available for things going "uphill." While not a lot of stuff
(software for one of the laptops and a cable to go from the laptop to
the ham radio rig) it does need extensive qualification and it does take
up room in the manifest.
73,
Will

"Jim Shaffer, Jr." wrote:
>
> Any word on SSTV yet?
>
> --
> "[W]hether or not [the Philadelphia Experiment] happened in 1943 is not
> relevant. It is, for us, like the 'flying saucer' a gedankenexperiment
> to get us to the next step in post-Einsteinian unified field theory."
> -Dr. Jack Sarfatti, in http://stardrive.org/Jack/algebra.pdf

--
Will Marchant
marchant@ssl.berkeley.edu http://chips.ssl.berkeley.edu/~marchant/
kc6rol@amsat.org New==>http://home.earthlink.net/~willmarchant/

2543. More questions from me

Newsgroup: rec.radio.amateur.space
Date: 2000-10-30 07:18:02 UTC
From: Bookvous <bookvous@optushome.com.au>
Message-ID: <Kg9L5.3951$KY1.10317@news1.rivrw1.nsw.optushome.com.au>
Source record: 8127
Cross-posted to: sci.astro.seti,alt.sci.seti,rec.radio.amateur.space

Thanks for all your replies to my posts.
I have a few more questions:
When im talking in terms of recievers what is integration?
What is the difference between a normal reciever and a total power reciever?
I think a total power reciever produces a DC current proportional to antenna
temperature, and is therefore more suited to radio astronomy, and a normal
reciever produces an audio signal, which can then be processed and is
therefore more suited to SETI.
Im at a lattitude of 33°5' S, so if I have worked this out right to see the
SCP I need to be aiming about 34° about the southern horizon and therefore,
to have a full view of the southern sky, I need to be able to see about 56°
above the northern horizon. Right?

At the moment im still after a dish, and I spent about an hour on hold when
I called Sky Channel to find out about the second-hand dishes they say they
are getting rid of. Eventually I gave up and decided it might be a good idea
to study for my science yearly exam tomorrow.

Thanks in advance,
--
Bookvous
ICQ# - 748303

2544. Would this reciever be useful for starting amateur SETI?

Newsgroup: rec.radio.amateur.space
Date: 2000-10-30 07:58:59 UTC
From: Bookvous <bookvous@optushome.com.au>
Message-ID: <7T9L5.3957$KY1.10552@news1.rivrw1.nsw.optushome.com.au>
Source record: 8128
Cross-posted to: sci.astro.seti,alt.sci.seti,rec.radio.amateur.space

Please have a look at this link for me and tell me whether or not this reciever would be useful for starting amateur SETI. As I have just discovered that my budget is somewhat more limited than I thought.
http://www.winradio.com/home/1550e-s.htm

Thanks in advance,
--
Bookvous
ICQ# - 748303

2545. Re: S-band downlink sats

Newsgroup: rec.radio.amateur.space
Date: 2000-10-30 09:39:09 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8vqgdt.tq3.nomail@linux.pe1chl.ampr.org>
Source record: 8129

Eavesdropper <ian@eavesdropper.worldonline.co.uk> wrote:
>apologies Rob, that was not meant at your response, my server is being a
>pain in the ass, i am not gettinbg threads/messages that others are and seem
>to be getting some when nobody else is,,,it's like playing chinese whispers
>or summit.

>stupid worldonline servers !!

I thought it was widely known that you should not go anywhere near anything
that reads "worldonline"... at least here in the Netherlands, that company
name is usually associated with "trouble"...

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

2546. Re: Ham-Space Digest V2000 #278 (AbsentWise)

Newsgroup: rec.radio.amateur.space
Date: 2000-10-30 13:16:12 UTC
From: malcolm.andrew@aeat.co.UK
Message-ID: <s9fd7438.028@a-hgwd3.harwell.aeat.co.uk>
Source record: 8130

I am absent from 24 October to 31 October please contact Dr Duncan Mackay

2547. Re: RS13/15 Rise Times

Newsgroup: rec.radio.amateur.space
Date: 2000-10-30 14:40:31 UTC
From: JoAnne Maenpaa <joanne_maenpaa@email.com>
Message-ID: <39FD885F.79AD9983@email.com>
Source record: 8131

Hi Richard,

> Where can I find a list of the rise times and max el for the RS13 &
> RS15 based on Washington D.C. (my qth is 50 miles sw in VA).

There is a web page which provides custom satellite information for
any location you choose. This includes the amateur radio satellites.
It may be a good place to start until your get your own tracking
program installed and running.

Go to http://www.heavens-above.com

Select the link to choose your location from this opening page.
After you have chosen your location, heavens-above will generate
a customized web page. Bookmark this second page. There is a
link on the page which will give you daily predictions of amateur
radio satellites.

Hope this helps,
--
JoAnne WB9JEJ

2548. Re: S-band downlink sats

Newsgroup: rec.radio.amateur.space
Date: 2000-10-30 15:00:48 UTC
From: Eavesdropper <ian@eavesdropper.worldonline.co.uk>
Message-ID: <39fd8d07@news.server.worldonline.co.uk>
Source record: 8132

I did apologies further up the thread Rob, the first lineof the response
was intended for another post in another group i have a fried brain at the
moment :-).too much going on

sorry mate

ian.

"Rob Janssen" <nomail@rob.knoware.nl> wrote in message
news:slrn8voj4q.tq3.nomail@linux.pe1chl.ampr.org...
> Eavesdropper <ian@eavesdropper.worldonline.co.uk> wrote:
>
> >PS you will find the S band is a bit further uyp the speccy...go to that
> >page and find out
>
> Oh, you found out what my question was about?
>
> Rob
> --
>
+----------------------------------+--------------------------------------+
> | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob
|
> | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU
|
>
+----------------------------------+--------------------------------------+

2549. Re: Where do I point my dish?

Newsgroup: rec.radio.amateur.space
Date: 2000-10-30 17:23:54 UTC
From: Gary Coffman <ke4zv@bellsouth.net>
Message-ID: <2karvskiaou6lerb8l7kvhkn4moapv5i7p@4ax.com>
Source record: 8133
Cross-posted to: sci.astro.seti,alt.sci.seti,rec.radio.amateur.space

On Sun, 29 Oct 2000 15:54:54 GMT, Mark <mtaylorlrim@my-deja.com> wrote:
>In article <8thf8gfsp1@gxsn.com>,
> "Ed Nelson" <ednelson@waitrose.com> wrote:
>> yes, but if your antenna dosn't see any very nearby sunlike stars at the
>> zenith you may as well not bother unless you have V. sensitive gear.
>>
>Who said with any certainty that ET will be broadcasting from home? Why
>not from a probe passing near our galaxy?

It had better be a very powerful probe with a huge antenna if that's the case. Figure the path loss for any extra-galactic signal and you'll see why. It is more probable that very high power transmitters and very large gain antennas will be in the home system of ET rather than be cruising through extra-galactic space.

Most amateur systems will have great difficulty picking up probe signals originating inside our *solar system*. Picking up ET's signals from distant solar systems in our galaxy is orders of magnitude harder, and picking up ET's signals from *outside* our galaxy much tougher yet. The inverse square law won't be denied, and the already huge scale of our solar system quickly gets dwarfed when considering interstellar distances, much less the enormously larger extra-galactic distances.

You have to postulate truly enormous ERP on the part of ET to have any possibility of receiving signals from outside our solar system. That's a major engineering challenge for anyone, and unnecessary for any ordinary purpose. Perhaps that's why we haven't heard anything.

I'd suggest that anyone seriously thinking about searching for ET signals should first concentrate on receiving the signals in our own backyard. If you can't hear Mars Observer, Galileo at Jupiter, or Voyager and Pioneer near the edge of the heliopause, you probably can't hear anything likely to be in operation outside of our solar system either.

Gary
Gary Coffman KE4ZV | You make it |mail to ke4zv@bellsouth.net
534 Shannon Way | We break it |
Lawrenceville, GA | Guaranteed |

2550. Re: S-band downlink sats

Newsgroup: rec.radio.amateur.space
Date: 2000-10-30 17:33:34 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8vrc7e.tq3.nomail@linux.pe1chl.ampr.org>
Source record: 8134

Eavesdropper <ian@eavesdropper.worldonline.co.uk> wrote:
>I did apologies further up the thread Rob, the first lineof the response
>was intended for another post in another group i have a fried brain at the
>moment :-).too much going on

Yes I read that, thanks...

But I wonder why you use worldonline... I thought that was only for
masochists...

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

2551. Re: Where do I point my dish?

Newsgroup: rec.radio.amateur.space
Date: 2000-10-30 17:44:36 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8vrcs3.tq3.nomail@linux.pe1chl.ampr.org>
Source record: 8135
Cross-posted to: sci.astro.seti,alt.sci.seti,rec.radio.amateur.space

Gary Coffman <ke4zv@bellsouth.net> wrote:
>I'd suggest that anyone seriously thinking about searching for ET signals
>should first concentrate on receiving the signals in our own backyard. If
>you can't hear Mars Observer, Galileo at Jupiter, or Voyager and Pioneer
>near the edge of the heliopause, you probably can't hear anything likely to
>be in operation outside of our solar system either.

But that is the main problem for SETI as well, and (IMHO) the reason they
won't hear anything. When considering reasonable EIRP levels (say, a
couple of megawatts), the detection range is very, very short when compared
to interstellar distances, let alone intergalactic distances.

So, while there may be many other stars with planets, only very few of them
will be within range. The chance that a lifeform exists on one of them is
small, even when millions of other civilizations exist in the universe.
And the chance that a lifeform exists that routinely transmits megawatts
of power in our direction is neglible.

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

2552. Re: Where do I point my dish?

Newsgroup: rec.radio.amateur.space
Date: 2000-10-30 19:01:32 UTC
From: Robert Beeman <auchstet@gate.net>
Message-ID: <Pine.A41.4.21.0010301348150.44218-100000@navajo.gate.net>
Source record: 8136
Cross-posted to: sci.astro.seti,alt.sci.seti,rec.radio.amateur.space

On Mon, 30 Oct 2000, Rob Janssen wrote:

>So, while there may be many other stars with planets, only very few of them
>will be within range. The chance that a lifeform exists on one of them is
>small, even when millions of other civilizations exist in the universe.
>And the chance that a lifeform exists that routinely transmits megawatts
>of power in our direction is neglible.

But, as Mr. Spock always says, "There are always possibilities".

If ET wanted to dedicate a 30 meter dish and a 1 MW transmitter
to each of the nearest 1000 eligible star systems, you would
have a lot more than 1 GW erp on each continuously.
Presumably, this wouldn't be hard for an advanced ET carrying
out a planet-wide effort. A HECK of a lot cheaper than the
Apollo project, which was done by one country in the 1960s.

Our sun would probably be on the list of anybody anywhere near
here, especially if they had already detected Jupiter (or even
Earth) by astronomical methods and noted the circularity of the
orbits.

We really don't know. Galileo used his telescope to observe
Jupiter almost as soon as he could get his hands on one. S@H is
the same kind of thing. Don't theorize whether there should be
aliens, go out and look for them, even if your tools are less
than you would like.

The consequences of success are so tremendous that a the project
is still a good idea even if the chance of failure is in the
99.9% range, IMHO. Especially since the only alternative at the
moment is to sit around watching SF movies.

-Bob.

2553. Wx Satellite page.

Newsgroup: rec.radio.amateur.space
Date: 2000-10-30 19:10:48 UTC
From: tegwilym@my-deja.com
Message-ID: <8tkh3hnk1@nnrp1.deja.com>
Source record: 8137

I just put up my newly re-modeled satellite page last night.
http://www.geocities.com/tegwilym

I cleaned it up a bit and made a tidier layout with a separate page for each satellite. There isn't a whole lot of images in there yet since I removed a lot of the old stuff. Check out the Resurs-01 page for an image of the storm we had over here on the west coast last friday. It turned out really well!

Tom KA7VIK
Bellevue, WA

Sent via Deja.com http://www.deja.com/
Before you buy.

2554. Re: Would this reciever be useful for starting amateur SETI?

Newsgroup: rec.radio.amateur.space
Date: 2000-10-30 19:25:53 UTC
From: Ed Nelson <ednelson@waitrose.com>
Message-ID: <8tki1ikit1@gxsn.com>
Source record: 8138
Cross-posted to: sci.astro.seti,alt.sci.seti,rec.radio.amateur.space

Hiya,

Disclaimer; Before I start, let me point out that my background is in astro' and physics, not comunications. I may be able to understand the theory and explain some of your options, but i'm no expert on specific equipment, so don't go spending money on my say-so alone! I might be able to find you definitive answers, but I'd take many hours poring through old textbooks and wearing out my calculator battery. OK, I've said my piece, so:

Possibly it would work, but with any receiver you'll have to tap off the final IF output and rectify and amplify it without using blocking capacitors - i.e.no audio circuits. That involves taking a soldering iron to an expensive piece of kit. I'd be happier doing that in a stand alone device, not connected to a PC.

CW audio output run into your PC's sound card might do the job at a pinch but I wouldn't recomend it. Realy what you need is an unambiguous indication of the radio power reaching your feed, and that means measuring the voltage at the IF.Also it's imperative that the AGC can be disabled .

Alternatively it's possible to disconnect the feedback wire of the AGC physicaly, and use that voltage, 'cos that basicly is rectified IF that's been integrated. Then you leave AGC switched on, but you've disconnected it from the amplifier it controls. Either of the above methods is far easier in a big clunky hardwired thing than a minaturised device, so best try to get a circuit diagram from the manufacturer and see what is possible, cos you can't unsolder conections inside a chip!

Another alternative is that a hacker might be able to crack and use use the software supplied with it to get a power indication from the signal meter circuit, if your preamp was fantasticly high gain. I don't entirely trust that idea though

As I suggested in a reply to your previous post SETI basicly involves building a radio telescope, that is unless ET has a *huge* amount of transmitter power available and his signals are still on their way. A high gain, low noise amp and big dish are the things you should realy spend money on. If they're good enough then receiver sensitivity is comparitively secondary in importance. and if you use a cold reference type system, you can null out gain drifts, and improve sigan to noise ratio.

Being boring for a minute, it sounds a fun project, but to maximise mankind's (already slim) chances of catching a real live Little Green Critter in our lifetimes you might still be more realistic buying a faster processor(s) to run S@H!

There's a few point for you to think about, but you realy need someone who knows less astronomy and more comunications/RF engineering. And I'd recomend reading up quite a bit on radio technology/ radio astro before spending much cash. Good top end UHF /microwave stuff 'aint cheap; radio astronomy is easier (I wouldn't say you can use junk, but...) and cheaper than the most basic 21cm SETI if you go to, say, about 2m or longer wavelength. Remember second hand gear, even if a bit dated, may give much higher quality for the price.

Ed.

Bookvous <bookvous@optushome.com.au> wrote in message news:7T9L5.3957$KY1.10552@news1.rivrw1.nsw.optushome.com.au...
> Please have a look at this link for me and tell me whether or not this
> reciever would be useful for starting amateur SETI. As I have just
> discovered that my budget is somewhat more limited than I thought.
> http://www.winradio.com/home/1550e-s.htm
>
> Thanks in advance,
> --
> Bookvous
> ICQ# - 748303
>
>

2555. Re: Would this reciever be useful for starting amateur SETI?

Newsgroup: rec.radio.amateur.space
Date: 2000-10-30 19:54:53 UTC
From: Phil Weldon <pweldon@mindspring.com>
Message-ID: <8tkj7nhco1@slb0.atl.mindspring.net>
Source record: 8139
Cross-posted to: sci.astro.seti,alt.sci.seti,rec.radio.amateur.space

Not really. The products from this company seem to be oriented toward eavesdropping on cellular phone conversations, capturing cell phone id's and codes, cracking frequency hopping communication, etc. More a police, military, or intelligence service type of equipment than SETI equipment. In addition, it is not nearly sensitive enough for SETI work, and is possibly illegal in many countries.

What you need is a directional dish (greater gain and less noise,) a low noise amplifier and block down converter built into the antenna, and a receiver that works in the narrow range around the waterhole frequency, say 1.4 GHz to 1.44 GHz. Then you need to record the reception or process real-time with a computer. There a PCI cards available for a PC (in the $200 US range) that act as a spectrum analyzer. The dish is probably the most important piece of equipment; for the 1.4 GHz area, size is everything. The wavelength at 1.4 GHz is about 20 cm, so the accuracy of the curve of the dish need be only about +/- 3 cm. The larger the diameter, the greater the antenna gain, and the greater the directionality. A five meter dish would give a half power beam width of about 1 degree at 1.41 GHz. It would also be very heavy, especially if it were steerable. A 2.5 meter dish would have twice the beam width and 1/4 the gain; but it would be much more manageable. There should be lots of this size around as surplus, especially as the high power MPEG 2 TV transponders in geosync orbit replace the earlier, lower power transponders. Now you just need the stuff in between. I've seen a website that advertises LNA's, LNB's, and receivers for SETI.

By the way, the 5.5 m steerable dish I operated for ten years cost about $115,000 US and required three-phase 480 volts AC to operate the positioning motors. And keep in mind that, unlike most antennae, the LOWEST position for the dish is best; hills give protection from noise of terrestrial origin. Even if you lose access to some of the sky, there is still enough left to last you a lifetime.

Phil Weldon, pweldon@mindspring.com

"Bookvous" <bookvous@optushome.com.au> wrote in message
news:7T9L5.3957$KY1.10552@news1.rivrw1.nsw.optushome.com.au...
> Please have a look at this link for me and tell me whether or not this
> reciever would be useful for starting amateur SETI. As I have just
> discovered that my budget is somewhat more limited than I thought.
> http://www.winradio.com/home/1550e-s.htm
>
> Thanks in advance,
> --
> Bookvous

> ICQ# - 748303
>
>

2556. Re: Would this reciever be useful for starting amateur SETI?

Newsgroup: rec.radio.amateur.space
Date: 2000-10-30 21:52:23 UTC
From: Kay Bracknell <kayzee12@hotmail.com>
Message-ID: <8tkqhe$c47$1@plutonium.btinternet.com>
Source record: 8140
Cross-posted to: sci.astro.seti,alt.sci.seti,rec.radio.amateur.space

Ed Nelson <ednelson@waitrose.com> wrote in message
news:8tki1ikit1@gxsn.com...

> Being boring for a minute, it sounds a fun project, but to maximise
> mankind's (already slim) chances of catching a real live Little Green
> Critter in our lifetimes you might still be more realistic buying a
> faster processor(s) to run S@H!

Perhaps when S@H expands it's scope (so to speak!) then I'd agree. But at the moment, S@H has more processing capacity than it needs, even with the improved v3 client. There's an interesting article that suggests a combination of S@H-like distribution and amateur dishes:
http://www.setileague.org/articles/galactic.htm

Quote from article:
"SETI@home has some impressive strengths, offset by one significant weakness. Its nearly two million home computers are crunching data from a single source, an antenna which in turn sees only a tiny fraction of the sky at any time. To avoid missing the call, we really need about a million such radio telescopes, coordinated so as to point in all directions at once. But at a cost of perhaps a hundred million dollars apiece, we've just exceeded the Gross Planetary Product. Fortunately, there is another way..."

> Good top end UHF /microwave stuff 'aint cheap; radio astronomy is
> easier (I wouldn't say you can use junk, but...) and cheaper than the
> most basic 21cm SETI if you go to, say, about 2m or longer wavelength.
> Remember second hand gear, even if a bit dated, may give much higher
> quality for the price.

Yep, a receiver suitable for SETI is generally more expensive as it needs to have excellent frequency stability. Having even the slightest frequency drift would make a nonsense of narrow-band FFTs when analyzing via a PC.

Most SETI amateurs swear by the iCom R7000 receiver or similar in the range. There's plenty of them knocking about on the second-hand market, lots of support from others and some good software written specifically for it, e.g. SETI Fox.

2557. Re: Where do I point my dish?(longish; a bit technical)

Newsgroup: rec.radio.amateur.space
Date: 2000-10-30 23:13:07 UTC
From: david@djwhome.demon.co.uk
Message-ID: <T972947621@djwhome.demon.co.uk>
Source record: 8142
Cross-posted to: sci.astro.seti,alt.sci.seti,rec.radio.amateur.space

In article <8th9pcib1@gxsn.com>,
Ed Nelson <ednelson@waitrose.com> wrote:

> At 21cm -or any other frequency- try integrating the signal level (just
> needs a series resistor and a parallel capacitor) for, say, 10 sec or 1min

For SETI, you integrate the individual channels after the FFT, not the raw signal. (S@H doesn't bother to integrate because the transit time is about the same as the reciprocal of the minimum bandwidth, which is approximately the minimum usable bandwidth for interstellar signals.) Most amateur systems do integrate because their minimum bandwidth is larger and so is their transit time.

> SETI is looking for V. weak signals too,probably weaker than many
> astrophysical emmisions, but essentialy there are two kinds of evidence -

S@H is looking for signals that are much stronger than natural sources in terms of power spectral density. The extremely narrow bandwidth means the total power is still much less than broadband natural emissions. S@H isn't interested in signals that are less than 22 times the mean noise in the minimum bandwidth, but a lot of natural sources would be significantly below the noise floor (the microwave background is 11 or 12 dB below, and, I think, most hydrogen line emissions are well below).

> If you want to try amateur SETI, figure out where one or more close sun-like
> stars are and aim for them - easy if you've got a planetarium program on

Amateur SETI isn't really suited for targetted work. He doesn't have a polar mount and certainly doesn't have a suitable drive, combined with the fact that the beamwidth is relatively large, for a 3m dish, he's certainly going to cover several stars that would be on the project Phoenix short list if Arecibo could point in the direction, whichever elevation he uses. Project Phoenix can completely outperform him for any targetted search.

Current amateur SETI is all drift scan and the objective is to cover as much sky as possible as often as possible to maximise the chance of detecting a short duration signal.

Targetting a few obvious stars would mean he'd have to be extremely lucky to get one that is inhabited, even if ETIs are fairly common. He'd also probably be targetting exactly the same stars as everyone applying that philosophy.

> Compare the S/N gain and stability of your LNA (and the rest of the system)
> with that used by the guys at the URL below. If they are a lot worse, save
> up for a better one.

S/N is important, and the ones he is using are typical amateur SETI ones, so should be good. Gain and noise stability are not particularly important for SETI as you use the adjacent channel noise as a reference. Obviously instabilities that cause significant increases in noise are undesirable. Note that even sky noise doesn't matter when you use adjacent channels for reference and are looking for narrow band signals (it will affect the minimum detectable signal, but even below the noise signals will be distinguishable without knowing the absolute noise level).

Receiver frequency stability is important and amateur SETI tyically uses 10Hz bins because of this.

> There are "tricks" to get rid of noise and gain drift in amp's and
> recievers. You could do a web search for "Dicke switched radiometer" or
> "cold reference radiometer" or for "phase switched interferometer", but I

As noted above, you use the adjacent channels as your reference (this is, I think, what baseline smoothing is about in S@H).

> some "steerability" to the beam on the 1000foot dish. That also makes the
> beam pattern change (into an ellipse from a circle), if you're looking away
> from the zenith.

The Arecibo dish is spherical, so the spherical aberration is constant. However it is possible that some of the feed spills over the edge of the dish (undesirable from a noise point of view) changing the pattern at extreme angles.

> I s'pose if you've got a fixed dish and moving feed, the beamwidth in the

I didn't read the question as saying the dish was fixed, but if it is, the project Argus documentation (URL already given) advises choosing a direction and staying with it. The long term aim of project Argus is to have enough stations that every point in the sky is covered by at least one of them at all times; that doesn't require steering of the search dishes (it is desirable to have the best dishes steerable to allow fast followups, as Argus only wins over professional systems for short, one off, signals).

2558. sat track freeware?

Newsgroup: rec.radio.amateur.space
Date: 2000-10-31 03:03:04 UTC
From: Schneider <js@sprintmail.com>
Message-ID: <39FE3668.867205A4@sprintmail.com>
Source record: 8141

Is there a decent free ware tracking program for UO-14 SO-35 SO-14 (P3D)

--
http://www.homestead.com/KK5UFO/

2559. Re: Where do I point my dish?

Newsgroup: rec.radio.amateur.space
Date: 2000-10-31 08:47:57 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8vt1pt.tq3.nomail@linux.pe1chl.ampr.org>
Source record: 8145
Cross-posted to: sci.astro.seti,alt.sci.seti,rec.radio.amateur.space

Robert Beeman <auchstet@gate.net> wrote:

>On Mon, 30 Oct 2000, Rob Janssen wrote:

>>So, while there may be many other stars with planets, only very few of them
>>will be within range. The chance that a lifeform exists on one of them is
>>small, even when millions of other civilizations exist in the universe.
>>And the chance that a lifeform exists that routinely transmits megawatts
>>of power in our direction is neglible.

>But, as Mr. Spock always says, "There are always possibilities".

I'm not saying they should quit, I just am being realistic about the
outcome.

For a hobbyist interested in radio astronomy, SETI is probably not the best
project. There is near-zero chance of any result, which tends to get
frustrating in the long run.

I would instead try one of the more rewarding aspects of the hobby.

Rob
--
+---------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+---------------------------------+--------------------------------------+

2560. ISS

Newsgroup: rec.radio.amateur.space
Date: 2000-10-31 09:15:37 UTC
From: Frequencyuk <web@frequencyuk.co.uk>
Message-ID: <39fe8dd9$1@news.telinco.net>
Source record: 8143

Hi all,
I have several questions about radio and the ISS could some one here answer them or point me to a web site with answers i would be most grateful.
1 What is the proposed date for ham radio to be activated?
2 What frequencies will they be using?
3 What frequencies do they use now that it is manned full time as it were?
4 Will they have SSTV capabilities as MIR has?
5 Is it right that one of the crew up their presently has a ham licence?

I think that's it many thanks in advance.
Tristan
www.frequencyuk.co.uk

2561. Re: Where do I point my dish?

Newsgroup: rec.radio.amateur.space
Date: 2000-10-31 09:36:46 UTC
From: hamish@cloud.net.au
Message-ID: <OowL5.8460$Xx3.37427@news1.eburwd1.vic.optushome.com.au>
Source record: 8144
Cross-posted to: sci.astro.seti,alt.sci.seti,rec.radio.amateur.space

In rec.radio.amateur.space Robert Beeman <auchstet@gate.net> wrote:
> The consequences of success are so tremendous that a the project
> is still a good idea even if the chance of failure is in the
> 99.9% range, IMHO. Especially since the only alternative at the
> moment is to sit around watching SF movies.

Fortunately, there are only two outcomes to SETI: either there is
life, or we don't know. I don't think you could ever confidently
say that there isn't.

Hamish
--
Hamish Moffatt VK3SB <hamish@debian.org> <hamish@cloud.net.au>

2562. Re: ISS

Newsgroup: rec.radio.amateur.space
Date: 2000-10-31 09:57:35 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8vt5se.tq3.nomail@linux.pe1chl.ampr.org>
Source record: 8146

Frequencyuk <web@frequencyuk.co.uk> wrote:
>Hi all,
>I have several questions about radio and the ISS could some one here answer
>them or point me to a web site with answers i would be most grateful.
>1 What is the proposed date for ham radio to be activated?
>2 What frequencies will they be using?
>3 What frequencies do they use now that it is manned full time as it were?
>4 Will they have SSTV capabilities as MIR has?
>5 Is it right that one of the crew up their presently has a ham licence?

>I think that's it many thanks in advance.

Go through the articles posted in the past couple of days on this
newsgroup! All your answers are in there.

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

2563. Re: ISS

Newsgroup: rec.radio.amateur.space
Date: 2000-10-31 11:20:38 UTC
From: TomR@astro.net
Message-ID: <39feaae0.139254320@news.idsi.net>
Source record: 8147

On Tue, 31 Oct 2000 09:15:37 -0000, "Frequencyuk"
<web@frequencyuk.co.uk> wrote:

>Hi all,
>I have several questions about radio and the ISS could some one here answer
>them or point me to a web site with answers i would be most grateful.
>1 What is the proposed date for ham radio to be activated?
>2 What frequencies will they be using?
>3 What frequencies do they use now that it is manned full time as it were?
>4 Will they have SSTV capabilities as MIR has?
>5 Is it right that one of the crew up their presently has a ham licence?
>
>I think that's it many thanks in advance.
>Tristan
>www.frequencyuk.co.uk

Launch of the first ISS crew, Expedition One, is set for the
morning of
October 31st, on a
Soyuz rocket from the Baikonur Cosmodrome. William Shepherd, KD5GSL,
is
the expedition commander. Yuri Gidzenko is the Soyuz vehicle
commander. Sergei Krikalev, U5MIR, is the flight engineer. NASA
Television plans
extensive coverage, beginning at 0200 EST on that date.

The flight to the ISS will take approximately two days, with a docking
expected on November 2nd. The crew has expressed a high level of
interest in
beginning amateur radio operations early in their mission but it may
be
several weeks
before they can setup the amateur radio station and begin operations
(probably no earlier than
November 14).

The crew may be using their own callsigns (KD5GSL, U5MIR) or they may
be
using one of the club stations allocated to the ISS: DL0ISS, NA1SS, or
RZ3DZR.

The Expedition One crew's activities are being scheduled around the
UTC
timeframe. It is expected that their working day will start around
0800
UTC and end near 1900 UTC. There may be a lunch break near 1200 UTC.

Passes near the beginning, lunchtime, and end of the crew day might be good times to find a crewmember relaxing with amateur radio activities.
The crew also has a "weekend" off from 1200 UTC on Saturday until the end of the day on Sunday. This might be another good time to listen for
crewmembers using the amateur radio equipment. Please remember that the
crew is using ham radio to relax from a very difficult job. They may, or may not, be interested in working a pile-up. They might be more interested in "rag chewing" with one or two hams on a given pass. Please respect each crewmembers different operating style.

It is not known yet how much power on board the ISS will be available for leaving the packet rig powered during times when the crew cannot perform voice contacts. We continue to request that the packet rig be left on as much as possible. The crew has been trained in the use of the beaconing capabilities, and we hope that they will use that to share
their experiences as the first permanent crew on the ISS. This is a "standard" AFSK AX.25 "terrestrial packet" rig, so it can be used for APRS and email can be sent to the crew. Please do not use the system to
leave email for other hams on the ground. Use the mailbox to leave email for the crew.

Initial operations will only take place on the 2m band. The tentative frequencies are:
Worldwide downlink for voice and packet: 145.80
Worldwide packet uplink: 145.99
Region 1 voice uplink: 145.20
Region 2 & 3 voice uplink: 144.49

Please remember to practice good operating practices and remain courteous and patient with this crew while they establish their ham operations preferences. Listen before transmitting, to make sure you don't step upon another QSO. Wait for the crew to call for contacts before transmitting. Please let others have a chance with a rare contact, don't monopolize the crew or the packet rig. Please do not ask
the crew to schedule school contacts or other schedules: this puts them
in an awkward and uncomfortable position. Information about requesting
dedicated contacts will be available on the ARISS web pages (http://ariss.gsfc.nasa.gov/) shortly.

QSLs and SWLs will be accepted and can be processed through Radio Amateurs of Canada or the American Radio Relay League. The card design
is being finalized, but should be ready for distribution early next

year. Details can be found on the ARISS web page.

The planning for school operations is actively underway, and efforts are
being made to have the first several school contacts before the end of
the year. It is hoped that several school contacts can be accommodated
each month, but the crew will be exceedingly busy and everyone must be
prepared to support more, or possibly, fewer school contacts. The
initial schools have been contacted and efforts are underway to finalize
the details of their contacts. The ARISS organization is beginning to
accept applications for school contacts; however, the crew workload will
determine the amount of time that passes between accepting an
application and when a contact is scheduled. We must all remember that
these are very early times for the ISS and we need to remain flexible in
pursuing amateur radio operations with the crews.

Please stay tuned to the ARISS web pages (http://ariss.gsfc.nasa.gov/)
for the latest information about frequencies and other operational
issues.

Tom

2564. Re: Ham-Space Digest V2000 #279 (AbsentWise)

Newsgroup: rec.radio.amateur.space
Date: 2000-10-31 13:16:27 UTC
From: malcolm.andrew@aeat.co.UK
Message-ID: <s9fec625.032@a-hgwd3.harwell.aeat.co.uk>
Source record: 8148

I am absent from 24 October to 31 October please contact Dr Duncan Mackay

2565. Satellite footprint searching programs

Newsgroup: rec.radio.amateur.space
Date: 2000-10-31 14:16:13 UTC
From: cosrologist@hotmail.com
Message-ID: <8tmk77mvc1@nnrp1.deja.com>
Source record: 8049
Cross-posted to: aus.radio.amateur.misc,rec.radio.amateur.space

Gday,

I have been trying to locate any DOS/Win9x/Linux satellite
tracking programs that will allow me to specify two locations on earth
and then search for passes where the footprint of a satellite covers
both of the points.

I'm in a remote location and I can't seem to find any amateur satellites
that have a footprint large enough to go from wher I am to Australia or
South Africa.

Cheers,

Kym
VK0UFO

Sent via Deja.com http://www.deja.com/
Before you buy.

2566. Re: Where do I point my dish?

Newsgroup: rec.radio.amateur.space
Date: 2000-10-31 14:35:15 UTC
From: "Alfred A. Aburto Jr." <aburto@cts.com>
Message-ID: <8tmlam$2thf$1@thoth.cts.com>
Source record: 8050
Cross-posted to: sci.astro.seti,alt.sci.seti,rec.radio.amateur.space

Unfortunately there are those that claim very confidently
too that "there isn't other life out there". The odds against
other life out there are too high they claim! Biologists
such as Ernst Mayr are of this viewpoint ...

Al

"Hamish Moffatt VK3SB" <hamish@cloud.net.au> wrote in message
news:OowL5.8460$Xx3.37427@news1.eburwd1.vic.optushome.com.au...
> In rec.radio.amateur.space Robert Beeman <auchstet@gate.net> wrote:
> > The consequences of success are so tremendous that a the project
> > is still a good idea even if the chance of failure is in the
> > 99.9% range, IMHO. Especially since the only alternative at the
> > moment is to sit around watching SF movies.
>
> Fortunately, there are only two outcomes to SETI: either there is
> life, or we don't know. I don't think you could ever confidently
> say that there isn't.
>
>
> Hamish
> --
> Hamish Moffatt VK3SB <hamish@debian.org> <hamish@cloud.net.au>

2567. Re: Where do I point my dish?

Newsgroup: rec.radio.amateur.space
Date: 2000-10-31 15:02:47 UTC
From: Robert Beeman <auchstet@gate.net>
Message-ID: <Pine.A41.4.21.0010311000230.24860-100000@navajo.gate.net>
Source record: 8051
Cross-posted to: sci.astro.seti,alt.sci.seti,rec.radio.amateur.space

On Tue, 31 Oct 2000, Alfred A. Aburto Jr. wrote:

>Unfortunately there are those that claim very confidently
>too that "there isn't other life out there". The odds against
>other life out there are too high they claim! Biologists
>such as Ernst Mayr are of this viewpoint ...
>
>Al
>
That's the wonderful thing about freedom. Erns Mayr and the
others of his persuasion can hold their opinion, while Al and I
can download another work unit...

-Bob.

2568. Re: ISS

Newsgroup: rec.radio.amateur.space
Date: 2000-10-31 15:17:21 UTC
From: Eavesdropper <ian@eavesdropper.worldonline.co.uk>
Message-ID: <39fee266@news.server.worldonline.co.uk>
Source record: 8052

"Rob Janssen" <nomail@rob.knoware.nl> wrote in message
news:slrn8vt5se.tq3.nomail@linux.pe1chl.ampr.org...
> Frequencyuk <web@frequencyuk.co.uk> wrote:
> >Hi all,
> >I have several questions about radio and the ISS could some one here
answer
> >them or point me to a web site with answers i would be most grateful.

> >1 What is the proposed date for ham radio to be activated?

The temp station is already up there but as far as I know there is no
definate time that it will be activated although hopefully they may even use
it this mission ?.

> >2 What frequencies will they be using?

They will be using the S-band and I beleive also the russian system which
should be operating on 143.625 NFM this will probably only be used while
over EU and russia..

> >3 What frequencies do they use now that it is manned full time as it
were?

See above (they will in future also be using the KU band aswell, basically
the only chance you have of hearing them Direct is on the Russian vhf system
as stated above.

> >4 Will they have SSTV capabilities as MIR has?

Initially it will be voice and packet there is planned an SSTV station and
also the possibilitie of ATV aswell which should make it very exciting for
hams.

> >5 Is it right that one of the crew up their presently has a ham licence?
hmm not sure about that one but i think one of them has...

regards

ian

2569. Re: Satellite footprint searching programs

Newsgroup: rec.radio.amateur.space
Date: 2000-10-31 16:24:36 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8vtsi3.tq3.nomail@linux.pe1chl.ampr.org>
Source record: 8053
Cross-posted to: aus.radio.amateur.misc,rec.radio.amateur.space

cosrologist@hotmail.com <cosrologist@hotmail.com> wrote:
>Gday,

>I have been trying to locate any DOS/Win9x/Linux satellite
>tracking programs that will allow me to specify two locations on earth
>and then search for passes where the footprint of a satellite covers
>both of the points.

There may be programs that can do this.

>I'm in a remote location and I can't seem to find any amateur satellites
>that have a footprint large enough to go from wher I am to Australia or
>South Africa.

Just wat two more weeks, and keep an eye on the next Ariane 5 launch!

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

2570. Re: ISS

Newsgroup: rec.radio.amateur.space
Date: 2000-10-31 16:37:20 UTC
From: Frequencyuk <web@frequencyuk.co.uk>
Message-ID: <39fef76e@news.telinco.net>
Source record: 8055

Hi,
Many thanks for the help. After i posted i found a site which may of
interest to all which contains most of the info i was looking for.
http://ariss.gsfc.nasa.gov/
Thanks again
T

Eavesdropper <ian@eavesdropper.worldonline.co.uk> wrote in message
news:39fee266@news.server.worldonline.co.uk...
>
> "Rob Janssen" <nomail@rob.knoware.nl> wrote in message
> news:slrn8vt5se.tq3.nomail@linux.pe1chl.ampr.org...
> > Frequencyuk <web@frequencyuk.co.uk> wrote:
> > >Hi all,
> > >I have several questions about radio and the ISS could some one here
> answer
> > >them or point me to a web site with answers i would be most grateful.
>
> > >1 What is the proposed date for ham radio to be activated?
>
> The temp station is already up there but as far as I know there is no
> definate time that it will be activated although hopefully they may even
use
> it this mission ?.
>
> > >2 What frequencies will they be using?
>
> They will be using the S-band and I beleive also the russian system which
> should be operating on 143.625 NFM this will probably only be used while
> over EU and russia..
>
> > >3 What frequencies do they use now that it is manned full time as it
> were?
>
> See above (they will in future also be using the KU band aswell, basically
> the only chance you have of hearing them Direct is on the Russian vhf
system
> as stated above.
>
> > >4 Will they have SSTV capabilities as MIR has?
>
> Initially it will be voice and packet there is planned an SSTV station and
> also the possibilitie of ATV aswell which should make it very exciting for
> hams.

>
>
>
> > >5 Is it right that one of the crew up their presently has a ham
licence?
> hmm not sure about that one but i think one of them has...
>
> regards
>
> ian
>
>

2571. Re: Use of Ham Callsign on CB

Newsgroup: rec.radio.amateur.space
Date: 2000-10-31 16:43:03 UTC
From: vlfiscus@mcn.net
Message-ID: <svttldh15mbh0f@news.supernews.com>
Source record: 8054
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.space

In article <8teiaaoso1@slb6.atl.mindspring.net>,
"KG4FGN" <kg4fgn@mindspring.com> wrote:
>
> Was just wondering if it was legal to use your Ham Callsign
> while operating a CB?
>

It depends. If you have a post April 15th, 2000 restructured amateur radio psuedo-license, then your ham callsign & CB handle are interchangeable and you can freely use both anywhere.

If you have a real ham license, pre-April 15th 2000, you probably haven't seen a CB in years and wouldn't want to transmit on it anyway.

KB7ADL

2572. Re: sat track freeware?

Newsgroup: rec.radio.amateur.space
Date: 2000-10-31 16:49:02 UTC
From: marsgal42@hotmail.com
Message-ID: <8tmt5qvah1@nnrp1.deja.com>
Source record: 8056

In article <39FE3668.867205A4@sprintmail.com>,
Schneider <js@sprintmail.com> wrote:

> Is there a decent free ware tracking program for UO-14 SO-35
> SO-14 (P3D)

Follow the links from www.amsat.org and pick one. If you
don't like it, try another. Or consider writing your own:
the algorithms (SGP4 and friends) are published and readily
available.

If you want P3D you might also consider tossing some money
to AMSAT to help fund the project. The tracking programs
that cost money work very well.

My faves are predict and sattrack. YMMV.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..." - Hospital/Shafte

Sent via Deja.com http://www.deja.com/
Before you buy.

2573. Re: Use of Ham Callsign on CB

Newsgroup: rec.radio.amateur.space
Date: 2000-10-31 17:20:27 UTC
From: K0HB <k0hb@my-deja.com>
Message-ID: <8tmv0i$11j$1@nnrp1.deja.com>
Source record: 8057
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.space

In article <svttldh15mbh0f@news.supernews.com>,
vlfiscus@mcn.net (Vince Fiscus, KB7ADL) wrote:

> It depends. If you have a post April 15th, 2000 restructured
> amateur radio psuedo-license, then your ham callsign & CB
> handle are interchangeable and you can freely use both anywhere.

What a stupid answer, but then Vince never was the brightest bulb in
the string.

73, Hans, K0HB

--
~~~
If you make people think they're thinking, they'll love you;
but if you really make them think, they'll hate you.

Sent via Deja.com http://www.deja.com/
Before you buy.
~~~

2574. Re: Use of Ham Callsign on CB

Newsgroup: rec.radio.amateur.space
Date: 2000-10-31 17:33:39 UTC
From: W4JLE <w4jle@alltel.net>
Message-ID: <8tmvs1$62v$1@iac5.navix.net>
Source record: 8058
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.space

This sage advice from an extra class! Nice ham spirit.
"Vince Fiscus, KB7ADL" <vlfiscus@mcn.net> wrote in message
news:svttldh15mbh0f@news.supernews.com...
>
> In article <8teiaaoso1@slb6.atl.mindspring.net>,
> "KG4FGN" <kg4fgn@mindspring.com> wrote:
> >
> > Was just wondering if it was legal to use your Ham Callsign
> > while operating a CB?
> >
>
> It depends. If you have a post April 15th, 2000 restructured amateur radio
> psuedo-license, then your ham callsign & CB handle are interchangeable and
you
> can freely use both anywhere.
>
> If you have a real ham license, pre-April 15th 2000, you probably haven't
seen
> a CB in years and wouldn't want to transmit on it anyway.
>
> KB7ADL

2575. Re: Use of Ham Callsign on CB

Newsgroup: rec.radio.amateur.space
Date: 2000-10-31 17:38:58 UTC
From: jimmy john <jj@sandwitch.org>
Message-ID: <4A8A59F2BDCDD311BFC800508BA36AC80535F964@www.indianarep.com>
Source record: 8059
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.space

His? or yours?

W4JLE <w4jle@alltel.net> wrote in message
news:8tmvs1$62v$1@iac5.navix.net...
> This sage advice from an extra class! Nice ham spirit.
>

2576. Re: Where do I point my dish?

Newsgroup: rec.radio.amateur.space
Date: 2000-10-31 17:58:48 UTC
From: Ed Nelson <ednelson@waitrose.com>
Message-ID: <8tn17vfgu1@gxsn.com>
Source record: 8060
Cross-posted to: sci.astro.seti,alt.sci.seti,rec.radio.amateur.space

Hamish Moffatt VK3SB <hamish@cloud.net.au> wrote in message
news:OowL5.8460$Xx3.37427@news1.eburwd1.vic.optushome.com.au...

<snip>

> Fortunately, there are only two outcomes to SETI: either there is
> life, or we don't know. I don't think you could ever confidently
> say that there isn't.

But we can determine limits upon the location in our Galaxy of transmitters
above given spectral power density, at a given epoch.

>
>
> Hamish
> --
> Hamish Moffatt VK3SB <hamish@debian.org> <hamish@cloud.net.au>

2577. Re: Where do I point my dish?

Newsgroup: rec.radio.amateur.space
Date: 2000-10-31 18:01:20 UTC
From: Ed Nelson <ednelson@waitrose.com>
Message-ID: <8tn1co$fj4$1@gxsn.com>
Source record: 8061
Cross-posted to: sci.astro.seti,alt.sci.seti,rec.radio.amateur.space

The univers is a big place though! But as for inteligent ET organisms - who knows. In other words, the drake equation is only usefull when weve found some critters to calibrate it with.

Alfred A. Aburto Jr. <aburto@cts.com> wrote in message news:8tmlam$2thf$1@thoth.cts.com...
> Unfortunately there are those that claim very confidently
> too that "there isn't other life out there". The odds against
> other life out there are too high they claim! Biologists
> such as Ernst Mayr are of this viewpoint ...
>
> Al
>
> "Hamish Moffatt VK3SB" <hamish@cloud.net.au> wrote in message
> news:OowL5.8460$Xx3.37427@news1.eburwd1.vic.optushome.com.au...
> > In rec.radio.amateur.space Robert Beeman <auchstet@gate.net> wrote:
> > > The consequences of success are so tremendous that a the project
> > > is still a good idea even if the chance of failure is in the
> > > 99.9% range, IMHO. Especially since the only alternative at the
> > > moment is to sit around watching SF movies.
> >
> > Fortunately, there are only two outcomes to SETI: either there is
> > life, or we don't know. I don't think you could ever confidently
> > say that there isn't.
> >
> >
> > Hamish
> > --
> > Hamish Moffatt VK3SB <hamish@debian.org> <hamish@cloud.net.au>
>
>

2578. Re: Where do I point my dish?

Newsgroup: rec.radio.amateur.space
Date: 2000-10-31 18:10:09 UTC
From: Ed Nelson <ednelson@waitrose.com>
Message-ID: <8tn1t7fqn1@gxsn.com>
Source record: 8062
Cross-posted to: sci.astro.seti,alt.sci.seti,rec.radio.amateur.space

Hiya,

Gary Coffman <ke4zv@bellsouth.net> wrote in message
news:2karvskiaou6lerb8l7kvhkn4moapv5i7p@4ax.com...
> On Sun, 29 Oct 2000 15:54:54 GMT, Mark <mtaylorlrim@my-deja.com> wrote:
> >In article <8thf8gfsp1@gxsn.com>,
> > "Ed Nelson" <ednelson@waitrose.com> wrote:
> >> zeni> >> yes, but if your antenna dosn't see any very nearby sunlike
stars at the
th you may as well not bother unless you have V. sensitive gear.
> >>
> >Who said with any certainty that ET will be broadcasting from home? Why
> >not from a probe passing near our galaxy?
>
> It had better be a very powerful probe with a huge antenna if that's the
case.

'fraid so; the only extragalactic sources easily detected by v. small
instruments are v. violent astrophysical systems. So our extragalactic
friends may need to do the old cavemans trick of banging two galaxies
together. (cue- "Fanfare to the Common Man") :^)

2579. ISS ARISS radio transmission details....

Newsgroup: rec.radio.amateur.space
Date: 2000-10-31 18:14:41 UTC
From: Eavesdropper <ian@eavesdropper.worldonline.co.uk>
Message-ID: <39ff0bf6@news.server.worldonline.co.uk>
Source record: 8063

http://ariss.gsfc.nasa.gov/ExpeditionOne/

Lets hope they find time to give usd all a shout this mission

ian k

2580. Re: Would this reciever be useful for starting amateur SETI?

Newsgroup: rec.radio.amateur.space
Date: 2000-10-31 18:26:32 UTC
From: Ed Nelson <ednelson@waitrose.com>
Message-ID: <8tn2ui$7nr$1@gxsn.com>
Source record: 8064
Cross-posted to: sci.astro.seti,alt.sci.seti,rec.radio.amateur.space

Hiya,

Kay Bracknell <kayzee12@hotmail.com> wrote in message
news:8tkqhe$c47$1@plutonium.btinternet.com...
>
> Ed Nelson <ednelson@waitrose.com> wrote in message
> news:8tki1ikit1@gxsn.com...
>
<Hiya>
Lots of interesting points - and as to S@H receiving gear and, more to the point, strategy, I've made a few fairly cutting posts her and on a.s.s and s.a.s myself recently! Frankly its one hell of a shot in the dark unless you can detect accidental emmisions, but then I've just got a new WU, so... .

Basicly few WU beam tracks contain a viable habitat for inteligent life(the insides of iridium satelites etc excluded ;)) so we're being a bit silly.

Fun though 'aint it?, Ed

2581. Re: Where do I point my dish?

Newsgroup: rec.radio.amateur.space
Date: 2000-10-31 18:44:27 UTC
From: Mark <mtaylorlrim@my-deja.com>
Message-ID: <8tn3u8$5v7$1@nnrp1.deja.com>
Source record: 8065
Cross-posted to: sci.astro.seti,alt.sci.seti,rec.radio.amateur.space

In article <8tn1t7fqn1@gxsn.com>,
"Ed Nelson" <ednelson@waitrose.com> wrote:
> Hiya,
>
> Gary Coffman <ke4zv@bellsouth.net> wrote in message
> news:2karvskiaou6lerb8l7kvhkn4moapv5i7p@4ax.com...
> > On Sun, 29 Oct 2000 15:54:54 GMT, Mark <mtaylorlrim@my-deja.com>
wrote:
> > >In article <8thf8gfsp1@gxsn.com>,
> > > "Ed Nelson" <ednelson@waitrose.com> wrote:
> > >> zeni> >> yes, but if your antenna dosn't see any very nearby
sunlike
> stars at the
> th you may as well not bother unless you have V. sensitive gear.
> > >>
> > >Who said with any certainty that ET will be broadcasting from
home? Why
> > >not from a probe passing near our galaxy?
> >
> > It had better be a very powerful probe with a huge antenna if
that's the
> case.
>
> 'fraid so; the only extragalactic sources easily detected by v. small
> instruments are v. violent astrophysical systems. So our extragalactic
> friends may need to do the old cavemans trick of banging two galaxies
> together. (cue- "Fanfare to the Common Man") :^)
>
>

Yet again you are assuming that ET's technology is less than or equal
to our own. Are you not willing to admit that the technological level
at which another civilization could have evolved could produce a hand
held device with intergalactic capabilities?

Mark

--
Please reply to this newsgroup as my Deja mail
is used as a spam catcher only!

Sent via Deja.com http://www.deja.com/
Before you buy.

2582. Re: Use of Ham Callsign on CB

Newsgroup: rec.radio.amateur.space
Date: 2000-10-31 18:45:26 UTC
From: CAM <cam2338@bigfoot.com>
Message-ID: <39FF1346.C56C1D13@bigfoot.com>
Source record: 8066
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.space

"Vince Fiscus, KB7ADL" wrote:
> If you have a real ham license, pre-April 15th 2000, you probably haven't seen
> a CB in years and wouldn't want to transmit on it anyway.

So, according to your "logic", my three year old grandson can
never be a "real ham". Nobody would ever mistake you for a nice
guy, Vince.
--
http://www.mindspring.com/~w6rca

2583. Re: Use of Ham Callsign on CB

Newsgroup: rec.radio.amateur.space
Date: 2000-10-31 18:47:37 UTC
From: CAM <cam2338@bigfoot.com>
Message-ID: <39FF13C9.7157B0A2@bigfoot.com>
Source record: 8068
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.space

K0HB wrote:
>
> In article <svttldh15mbh0f@news.supernews.com>,
> vlfiscus@mcn.net (Vince Fiscus, KB7ADL) wrote:
>
> > It depends. If you have a post April 15th, 2000 restructured
> > amateur radio psuedo-license, then your ham callsign & CB
> > handle are interchangeable and you can freely use both anywhere.
>
> What a stupid answer, but then Vince never was the brightest bulb in
> the string.

That bulb hasn't been enlightened for years. :-)
--
http://www.mindspring.com/~w6rca

2584. Re: Use of Ham Callsign on CB

Newsgroup: rec.radio.amateur.space
Date: 2000-10-31 18:57:07 UTC
From: 'Doc <w5lz@oio.net>
Message-ID: <39FF1603.A18BC841@oio.net>
Source record: 8067
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.space

Vince,
Is there any particular reason why your wasting our
time with this nonsense? If you just have to make silly
comments like that, use an alias, or a 'handle'. You're
making the rest of us feel embarrassed for you.
'Doc

2585. Re: More questions from me

Newsgroup: rec.radio.amateur.space
Date: 2000-10-31 19:05:43 UTC
From: Ed Nelson <ednelson@waitrose.com>
Message-ID: <8tn55dhhm1@gxsn.com>
Source record: 8069
Cross-posted to: sci.astro.seti,alt.sci.seti,rec.radio.amateur.space

Hi,

Bookvous <bookvous@optushome.com.au> wrote in message
news:Kg9L5.3951$KY1.10317@news1.rivrw1.nsw.optushome.com.au...
> Thanks for all your replies to my posts.
> I have a few more questions:
> When im talking in terms of recievers what is integration?

Averaging the output voltage. Strictly speaking, you get a voltage
proportional to the integral [you'll learn about those beasts in maths
lessons in a couple of years; great fun {;-( ] of voltage with respect to
time, hence the name.

S/N improves as the square root of the time constant. It's most often done
with analogue R/C circuits, or can be digital. The former is in basic
electronic tectbooks, the latter might use something like Simpsons Rule and
lots of processor power.

> What is the difference between a normal reciever and a total power
reciever?

blocking capacitors (basicly a crude high pass filter) in the audio
circuits.

> I think a total power reciever produces a DC current proportional to
antenna
> temperature, and is therefore more suited to radio astronomy, and a normal
> reciever produces an audio signal, which can then be processed and is
> therefore more suited to SETI.

I don't know a heck of a lot about standard electronic practice in seti,
but without a measurement of incoming flux your data will be of limited
scientific use if you do get a "Wow!" signal. all the audio fluctuations are
there in the total power data, you just might need to null some of the DC
out to keep inside your A/D converter's dynamic range.

In the unlikely event that our little green mates are using long CW pulses
to get our attention, an audio setup would miss them.

> Im at a lattitude of 33°5' S, so if I have worked this out right to see
the
> SCP I need to be aiming about 34° about the southern horizon and
therefore,
> to have a full view of the southern sky, I need to be able to see about
56°
> above the northern horizon. Right?

Yep.

>
> At the moment im still after a dish, and I spent about an hour on hold when
> I called Sky Channel to find out about the second-hand dishes they say they
> are getting rid of.

You could build one; make a load of parabolic metal strips (plot a big parabola in chalk on the garage floor?) put them together to form an "umbrella"and cover them in wire mesh. It'd be a hastle but the tolerances are only about 1inch at 21cm, and it's cheap. Remember - big is beautifull!

Eventually I gave up and decided it might be a good idea
> to study for my science yearly exam tomorrow.

By the way - if it's crossed your mind, don't do astrophysics at university unless you really, *really* want to go professional with it - just trust me on that! . Even then you might change your mind. But you might get to play with some nice big dishes. And if you're good at science on an intuitive level, then it's easy; so concentrate on learning your maths; it gets much harder. ;o)

Good luck, Ed.

2586. Re: More questions from me

Newsgroup: rec.radio.amateur.space
Date: 2000-10-31 19:14:29 UTC
From: Ed Nelson <ednelson@waitrose.com>
Message-ID: <8tn5lr$90k$1@gxsn.com>
Source record: 8070
Cross-posted to: sci.astro.seti,alt.sci.seti,rec.radio.amateur.space

If you've not already seen it, the secon half of this will interest you;
http://www.setileague.org/articles/galactic.htm

Thank Kay (respondant to one my responses to one of your posts) for that.

2587. Re: Use of Ham Callsign on CB

Newsgroup: rec.radio.amateur.space
Date: 2000-10-31 19:55:40 UTC
From: W4JLE <w4jle@alltel.net>
Message-ID: <8tn86b$a0k$1@iac5.navix.net>
Source record: 8071
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.space

His or yours what?

"jimmy john" <jj@sandwitch.org> wrote in message
news:4A8A59F2BDCDD311BFC800508BA36AC80535F964@www.indianarep.com...
> His? or yours?
>
> W4JLE <w4jle@alltel.net> wrote in message
> news:8tmvs1$62v$1@iac5.navix.net...
> > This sage advice from an extra class! Nice ham spirit.
> >
>
>

2588. Re: Satellite footprint searching programs

Newsgroup: rec.radio.amateur.space
Date: 2000-10-31 21:51:29 UTC
From: e04588 <e04588@ems.its.rmit.edu.au>
Message-ID: <39FF3EE1.2077607D@ems.its.rmit.edu.au>
Source record: 8072
Cross-posted to: aus.radio.amateur.misc,rec.radio.amateur.space

Sorry I can't really help except to suggest you give the Intel-based
machines the heave-ho and find someone with a Macintosh!!!!

"MacDopplerPro" allows a "mutual coverage" prediction which will give you
the passes which favour contact between two separate locations. As to
whether anyone has incorporated such a capability into the Intel programs I
just don't know.

David VK3MLY

cosrologist@hotmail.com wrote:

> Gday,
>
> I have been trying to locate any DOS/Win9x/Linux satellite
> tracking programs that will allow me to specify two locations on earth
> and then search for passes where the footprint of a satellite covers
> both of the points.
>
> I'm in a remote location and I can't seem to find any amateur satellites
> that have a footprint large enough to go from wher I am to Australia or
> South Africa.
>
> Cheers,
>
> Kym
> VK0UFO
>
> Sent via Deja.com http://www.deja.com/
> Before you buy.

2589. Re: Use of Ham Callsign on CB

Newsgroup: rec.radio.amateur.space
Date: 2000-10-31 23:09:32 UTC
From: Dwight Stewart <stewartx@sccoast.net>
Message-ID: <39FF5129.B878977D@sccoast.net>
Source record: 8073
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.space

"Vince Fiscus, KB7ADL" wrote:
>
> It depends. If you have a post April
> 15th, 2000 restructured amateur radio
> psuedo-license, then your ham callsign
> & CB handle are interchangeable and you
> can freely use both anywhere.
>
> If you have a real ham license, pre-April
> 15th 2000, you probably haven't seen a
> CB in years and wouldn't want to transmit
> on it anyway.

Funny, that "psuedo-license" gives those operators the same privileges
and authority to operate as a license issued before April 2000. So,
what are you saying about your own license - it is only worth as much as
a "psuedo-license?"

Dwight Stewart (W5NET)

http://www.qsl.net/w5net

2590. Re: Where do I point my dish?

Newsgroup: rec.radio.amateur.space
Date: 2000-10-31 23:36:23 UTC
From: "Alfred A. Aburto Jr." <aburto@cts.com>
Message-ID: <8tnl17$m8i$1@thoth.cts.com>
Source record: 8074
Cross-posted to: sci.astro.seti,alt.sci.seti,rec.radio.amateur.space

:-)
It's great isn't it!

I dream sometimes that we'll find something
out there very interesting and the consequences
of all that. It has to be a science of course, but also
it is like a detective looking for clues to solve
the big mystery of life in the Universe, or just a
good science fiction story (in my dreams anyway)...

Science is the way we'll do it though.

When Ernst Mayr says things like "impossible", or
"highly improbable", I'm not moved much, even
though he is a person of great knowledge and
respect. We don't know enough to make those
kind of claims ...

Al

I'd point my dish at elevation L one day, then at
elevation L+beamwidth/2 the next day, ..., etc.

I'd start probably just below the North Star where
I'm at along a great circle passing through the North
Star and my Zenith ... something like that is a good
strategy ...

> "Robert Beeman" <auchstet@gate.net> wrote in message
news:Pine.A41.4.21.0010311000230.24860-100000@navajo.gate.net...
>
> On Tue, 31 Oct 2000, Alfred A. Aburto Jr. wrote:
>
> >Unfortunately there are those that claim very confidently
> >too that "there isn't other life out there". The odds against
> >other life out there are too high they claim! Biologists
> >such as Ernst Mayr are of this viewpoint ...
> >
> >Al
> >
> That's the wonderful thing about freedom. Erns Mayr and the
> others of his persuasion can hold their opinion, while Al and I
> can download another work unit...
>

> -Bob.
>

2591. Re: Satellite footprint searching programs

Newsgroup: rec.radio.amateur.space
Date: 2000-11-01 01:23:18 UTC
From: ka3hsw@aol.comnojunk
Message-ID: <20001031202318.01856.00000599@nso-cu.aol.com>
Source record: 8075

In article <8tmk77mvc1@nnrp1.deja.com>, cosrologist@hotmail.com writes:

>I have been trying to locate any DOS/Win9x/Linux satellite
>tracking programs that will allow me to specify two locations on earth
>and then search for passes where the footprint of a satellite covers
>both of the points.

Actually, several programs offer this capability. It is sometimes called
"mutual visibility", and is available in a freeware program called Satscape.
Just do a search with your favorite search engine for "satscape", and you
should find the home page. This capability is also available in Instant Track,
which is available from AMSAT for $50 for non-members. Some other programs
available for download from AMSAT's web site may also offer it.

73 de KA3HSW
delete "nojunk" from e-mail address before replying.

2592. WTB ICOM UX-98 MODULE (2.4 GHZ IC970)

Newsgroup: rec.radio.amateur.space
Date: 2000-11-01 02:57:26 UTC
From: Joe Leikhim <jleikhim@nettally.com>
Message-ID: <39FF8696.DEF42C97@nettally.com>
Source record: 8079
Cross-posted to: rec.radio.swap,rec.radio.amateur.space

> Subject says it all. I have cash ready. Please respond via e-mail with
> condition, price, phone number and particulars.

--
Joe Leikhim K4SAT
Jleikhim@nettally.com

"tv dinner by the pool,
i'm so glad i finished school" -F.Zappa 1967

"The Revolution will NOT be televised" -Gil Scott Heron

"Whats he building in there?"- Tom Waits

WARNING TO UNSOLICITED SPAMMERS!!!

Pursuant to U.S. Code, title 47, Chapter 5, Subchapter II,
"Any and all non-solicited commercial E-mail (SPAM) sent to
this address is subject to a download and archival fee of
$500.00 U.S."! E-mailing denotes acceptance of these terms.

2593. Re: Use of Ham Callsign on CB

Newsgroup: rec.radio.amateur.space
Date: 2000-11-01 03:02:17 UTC
From: vlfiscus@mcn.net
Message-ID: <svv1snpquhan23@news.supernews.com>
Source record: 8076
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.space

In article <8tmv0i$11j$1@nnrp1.deja.com>, K0HB <k0hb@my-deja.com> wrote:
>
>What a stupid answer, but then Vince never was the brightest bulb in
>the string.
>
>73, Hans, K0HB
>

That's what I love about the people in this newsgroup. When they can't fight the truth, they fight the person.

73 de KB7ADL

2594. Re: Use of Ham Callsign on CB

Newsgroup: rec.radio.amateur.space
Date: 2000-11-01 03:06:57 UTC
From: vlfiscus@mcn.net
Message-ID: <svv25giqss172e@news.supernews.com>
Source record: 8077
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.space

In article <39FF5129.B878977D@sccoast.net>, stewartx@sccoast.net wrote:
>
> Funny, that "psuedo-license" gives those operators the same privileges
>and authority to operate as a license issued before April 2000. So,
>what are you saying about your own license - it is only worth as much as
>a "psuedo-license?"
>
>
>Dwight Stewart (W5NET)
>
>http://www.qsl.net/w5net

Pre-April 15th licenses are worth more. As Larry would put it, New licenses
are putting out Nickle-hams.

73

2595. Re: Satellite footprint searching programs

Newsgroup: rec.radio.amateur.space
Date: 2000-11-01 03:48:31 UTC
From: Serge Kourdakov <kourdak@mail.magelan.ru>
Message-ID: <8to3or$9do$1@news247.cnt.ru>
Source record: 8078
Cross-posted to: aus.radio.amateur.misc,rec.radio.amateur.space

Hi,
I develop the freeware program OrbSat and think that I'll add such feature
in weeks.
Let me think how to organize an interface.
If you have any suggestions dowload my program and let me know your ideas
and your thoughts how such a feature could be added in a convenient way for
user.
The link to program is
http://members.nbci.com/kourdakov/OrbSat.htm

Serge Kourdakov

<cosrologist@hotmail.com> wrote in message
news:8tmk77mvc1@nnrp1.deja.com...
> Gday,
>

> I'm in a remote location and I can't seem to find any amateur satellites
> that have a footprint large enough to go from wher I am to Australia or
> South Africa.
>
> Cheers,
>
> Kym
> VK0UFO

2596. Re: Use of Ham Callsign on CB

Newsgroup: rec.radio.amateur.space
Date: 2000-11-01 05:20:39 UTC
From: jeffreyh@Hawaii.Edu
Message-ID: <8to977$hh1$1@news.hawaii.edu>
Source record: 8081
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.space

Follow-ups set to just .misc

Dwight Stewart <stewartx@sccoast.net> wrote:
> Funny, that "psuedo-license" gives those operators the same privileges
>and authority to operate as a license issued before April 2000. So,
>what are you saying about your own license - it is only worth as much as
>a "psuedo-license?"

Riddle me this, Dwight: Suppose on/after 01 April 2010, no tests will
be required at all for an amateur radio license. Would this new license
be "worth" as much to you as the one you currently hold?

Is a GROL "worth" as much as the old First Class R/T Certificate?

KH6O

Follow-ups set to just .misc

2597. Re: Satellite footprint searching programs

Newsgroup: rec.radio.amateur.space
Date: 2000-11-01 05:29:59 UTC
From: Terry Dawson <terry.j.dawson@team.telstra.com>
Message-ID: <39FFAA57.13593E4B@team.telstra.com>
Source record: 8080
Cross-posted to: aus.radio.amateur.misc,rec.radio.amateur.space

> cosrologist@hotmail.com wrote:
>
> > Gday,
> >
> > I have been trying to locate any DOS/Win9x/Linux satellite
> > tracking programs that will allow me to specify two locations on earth
> > and then search for passes where the footprint of a satellite covers
> > both of the points.
> >
> > I'm in a remote location and I can't seem to find any amateur satellites
> > that have a footprint large enough to go from wher I am to Australia or
> > South Africa.

Kym,
What have you tried for Linux?

I'd have thought that at least one of the applications at:

http://radio.linux.org.au/?sectpat=satellite&ordpat=title

would do what you want.

Sattrack would be the one I'd try first.

Terry

2598. Re: sat track freeware?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-01 06:14:47 UTC
From: Jim Jerzycke <kq6ea@amsat.org>
Message-ID: <39FFB4D7.3FD03F4E@amsat.org>
Source record: 8082

Predict for Linux, and WinOrbit for Windows. STSPlus for windows is also very nice, with a "Mission Control" look to it.

2599. Re: Use of Ham Callsign on CB

Newsgroup: rec.radio.amateur.space
Date: 2000-11-01 06:55:55 UTC
From: CAM <cam2338@bigfoot.com>
Message-ID: <39FFBE7B.1DAAA5BB@bigfoot.com>
Source record: 8083
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.space

"Vince Fiscus, KB7ADL" wrote:
> That's what I love about the people in this newsgroup. When they can't fight
> the truth, they fight the person.

You're a good one to talk, Vince. Consider that, using your logic,
if you accidentally allowed your license to expire and then passed
all the exams to get back to extra, you would NOT be a "real ham".
Can you see just how stupid that logic is?
--
http://www.mindspring.com/~w6rca

2600. Re: Use of Ham Callsign on CB

Newsgroup: rec.radio.amateur.space
Date: 2000-11-01 06:58:09 UTC
From: CAM <cam2338@bigfoot.com>
Message-ID: <39FFBF01.D99DB601@bigfoot.com>
Source record: 8084
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.space

"Vince Fiscus, KB7ADL" wrote:
> Pre-April 15th licenses are worth more.

Only to idiots. If you forgot to renew your license and took all
the exams to get it back, would it be worth less? Get real!
--
http://www.mindspring.com/~w6rca

2601. Re: Satellite footprint searching programs

Newsgroup: rec.radio.amateur.space
Date: 2000-11-01 08:18:09 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn8vvke0.icq.nomail@linux.pe1chl.ampr.org>
Source record: 8085
Cross-posted to: aus.radio.amateur.misc,rec.radio.amateur.space

Terry Dawson <terry.j.dawson@team.telstra.com> wrote:

>> cosrologist@hotmail.com wrote:
>>
>> > Gday,
>> >
>> > I have been trying to locate any DOS/Win9x/Linux satellite
>> > tracking programs that will allow me to specify two locations on earth
>> > and then search for passes where the footprint of a satellite covers
>> > both of the points.
>> >
>> > I'm in a remote location and I can't seem to find any amateur satellites
>> > that have a footprint large enough to go from wher I am to Australia or
>> > South Africa.

>Kym,
>What have you tried for Linux?

>I'd have thought that at least one of the applications at:

>http://radio.linux.org.au/?sectpat=satellite&ordpat=title

>would do what you want.

>Sattrack would be the one I'd try first.

Satttrack 3.1.6 allows the selection of multiple groundstations and
displays the coverage in realtime mode, but as far as I know it cannot
pre-calculate when a given sat will be in range from two locations.

The 4.x versions undoubtedly can do this, but I have never dared to contact
the author for price info... maybe when I have setup a working station
again.

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

2602. Re: Ham-Space Digest V2000 #280 (AbsentWise)

Newsgroup: rec.radio.amateur.space
Date: 2000-11-01 13:14:44 UTC
From: malcolm.andrew@aeat.co.UK
Message-ID: <sa001735.094@a-hgwd3.harwell.aeat.co.uk>
Source record: 8086

I am absent from 24 October to 31 October please contact Dr Duncan Mackay

2603. Re: Use of Ham Callsign on CB

Newsgroup: rec.radio.amateur.space
Date: 2000-11-01 14:47:57 UTC
From: W4JLE <w4jle@alltel.net>
Message-ID: <8tpahn$77t$1@iac5.navix.net>
Source record: 8087
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.space

With all due respect, nothing could be further from the truth. The current license issued by the FCC is a real license by definition, Your bruised ego aside.

When you fly to Europe, are you not really getting there because other folks made the trip under much harder conditions on sailing vessels.

But! you knew that, and just enjoy being a troll!
"Vince Fiscus, KB7ADL" <vlfiscus@mcn.net> wrote in message >
> That's what I love about the people in this newsgroup. When they can't fight
> the truth, they fight the person.
>
> 73 de KB7ADL

2604. Re: Use of Ham Callsign on CB

Newsgroup: rec.radio.amateur.space
Date: 2000-11-01 16:25:51 UTC
From: vlfiscus@mcn.net
Message-ID: <t00gvhmlv54v29@news.supernews.com>
Source record: 8088
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.space

In article <39FFBE7B.1DAAA5BB@bigfoot.com>, CAM <cam2338@bigfoot.com> wrote:

>You're a good one to talk, Vince. Consider that, using your logic,
>if you accidentally allowed your license to expire and then passed
>all the exams to get back to extra, you would NOT be a "real ham".
>Can you see just how stupid that logic is?

Sorry cecil, I don't debate you or Mary anymore. I leave that to Larry.

73

2605. Re: Use of Ham Callsign on CB

Newsgroup: rec.radio.amateur.space
Date: 2000-11-01 16:40:54 UTC
From: vlfiscus@mcn.net
Message-ID: <t00hroid6gqcf4@news.supernews.com>
Source record: 8089
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.space

In article <8tpahn$77t$1@iac5.navix.net>, "W4JLE" <w4jle@alltel.net> wrote:

>But! you knew that, and just enjoy being a troll!

I enjoy reminding people that ham radio is dumbed down now and when they don't accept the truth they resort to name calling. I think they do this because it makes them feel better inside.

73

2606. Re: sat track freeware?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-01 16:52:50 UTC
From: marsgal42@hotmail.com
Message-ID: <8tphou$540$1@nnrp1.deja.com>
Source record: 8090

In article <39FFB4D7.3FD03F4E@amsat.org>,
Jim Jerzycke <kq6ea@amsat.org> wrote:

> Predict for Linux, and WinOrbit for Windows. STSPlus for
> windows is also very nice, with a "Mission Control" look to it.

Another plus for Predict is that if you don't like how it
displays the information, you can run it in server mode,
plug in to the socket and process the data yourself.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..." - Hospital/Shafte

Sent via Deja.com http://www.deja.com/
Before you buy.

2607. Re: Use of Ham Callsign on CB

Newsgroup: rec.radio.amateur.space
Date: 2000-11-01 17:05:32 UTC
From: K0HB <k0hb@my-deja.com>
Message-ID: <8tpigl$5ot$1@nnrp1.deja.com>
Source record: 8091
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.space

In article <t00gvhmlv54v29@news.supernews.com>,
vlfiscus@mcn.net (Vince Fiscus, KB7ADL) wrote:

> Sorry cecil, I don't debate you or Mary anymore.

Translation from Vince-lish to English: "Hey, you got me there! I
have no logical answer to your impecable reasoning, so I'm outa here!"

73, de Hans, K0HB
--
~~~
If you make people think they're thinking, they'll love you;
but if you really make them think, they'll hate you.

Sent via Deja.com http://www.deja.com/
Before you buy.
~~~

2608. Re: sat track freeware?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-01 17:52:48 UTC
From: user
Message-ID: <evl00t4net0o532jgenv7n2a33q81vc7mg@4ax.com>
Source record: 8092

In this news thread Schneider commented:

>Is there a decent free ware tracking program for UO-14 SO-35 SO-14 (P3D)

You can try Satscape- http://www.satscape.co.uk
--
Eddie Seymour,WB4MLE
Delete the capital letters:
wb4mleAT@mindspringDOT.com

2609. Re: Use of Ham Callsign on CB

Newsgroup: rec.radio.amateur.space
Date: 2000-11-01 19:15:27 UTC
From: CAM <cam2338@bigfoot.com>
Message-ID: <3A006BCF.E8788AC9@bigfoot.com>
Source record: 8093
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.space

"Vince Fiscus, KB7ADL" wrote:
>
> In article <39FFBE7B.1DAAA5BB@bigfoot.com>, CAM <cam2338@bigfoot.com> wrote:
>
> >You're a good one to talk, Vince. Consider that, using your logic,
> >if you accidentally allowed your license to expire and then passed
> >all the exams to get back to extra, you would NOT be a "real ham".
> >Can you see just how stupid that logic is?
>
> Sorry cecil, I don't debate you or Mary anymore. I leave that to Larry.

Translation: I don't want to answer the above simple question.
--
http://www.mindspring.com/~w6rca

2610. Re: Satellite footprint searching programs

Newsgroup: rec.radio.amateur.space
Date: 2000-11-01 19:32:13 UTC
From: Clifford Buttschardt <cbuttsch@slonet.org>
Message-ID: <Pine.GSO.3.95.1001101112717.14682A-100000@oso.slonet.org>
Source record: 8094

Remember also that Instantrack version 1.5 just came out at the AMSAT
convention this last week. This should do you very well as the Mutual
Window feature will do the job. It is not free but available from AMSAT
which uses the funds for satellite construction. Check:
http://www.amsat.org/amsat/instanttrack
Cliff K7RR

On 1 Nov 2000, Ka3hsw wrote:

> In article <8tmk77mvc1@nnrp1.deja.com>, cosrologist@hotmail.com writes:
>
>
> >I have been trying to locate any DOS/Win9x/Linux satellite
> >tracking programs that will allow me to specify two locations on earth
> >and then search for passes where the footprint of a satellite covers
> >both of the points.
>
> Actually, several programs offer this capability. It is sometimes called
> "mutual visibility", and is available in a freeware program called Satscape.
> Just do a search with your favorite search engine for "satscape", and you
> should find the home page. This capability is also available in Instant Track,
> which is available from AMSAT for $50 for non-members. Some other programs
> available for download from AMSAT's web site may also offer it.
>
> 73 de KA3HSW
> delete "nojunk" from e-mail address before replying.
>
>

2611. READING THIS COULD CHANGE YOUR LIFE!

Newsgroup: rec.radio.amateur.space
Date: 2000-11-01 20:40:41 UTC
From: ewald-kerkhoff@home.COM
Message-ID: <000801c04444$40097380$86b24218@okfv1.bc.wave.home.com>
Source record: 8095
Body handling: HTML body converted to readable text

```
This is a multi-part message in MIME format.

------=_NextPart_000_0005_01C04401.31B3D8E0

charset="iso-8859-1"

DOC5024 4:54 PM Oct.31 2000
Message 3 of 4=20
=20
HOW TO TURN SIX DOLLARS INTO SIX THOUSAND DOLLARS: : READING THIS =
COULD CHANGE YOUR LIFE! IT DOES WORK! : I found this on a bulletin board =
and decided to try it. A little : while back, I was browsing through =
newsgroups, just like you are now, : and came across an article similar =
to this that said you could make : thousands of dollars within weeks =
with only an initial investment of : $6.00! So I thought, "Yeah right, =
this must be a scam", but : like most of us, I was curious, so I kept =
reading. Anyway, it said : that you send $1.00 to each of the 6 names =
and address stated in the : article. You then place your own name and =
address in the bottom of : the list at #6, and post the article in at =
least 200 newsgroups. : (There are thousands) No catch, that was it. So =
after thinking it : over, and talking to a few people first, I thought =
about trying it. I : figured: "what have I got to lose except 6 stamps =
and $6.00, : right?" Then I invested the measly $6.00. Well GUESS =
WHAT!?... : within 7 days, I started getting money in the mail! I was =
shocked! I : figured it would end soon, but the money just kept coming =
in. In my : first week, I made about $25.00. By the end of the second =
week I had : made a total of over $1,000.00! In the third week I had =
over : $10,000.00 and it's still growing. This is now my fourth week and =
I : have made a total of just over $42,000.00 and it's still coming in : =
rapidly. It's certainly worth $6.00, and 6 stamps, I have spent more : =
than that on the lottery!! Let me tell you how this works and most : =
importantly, WHY it works... Also, make sure you print a copy of this : =
article NOW, so you can get the information off of it as you need it. : =
I promise you that if you follow the directions exactly, that you : will =
start making more money than you thought possible by doing : something =
so easy! : Suggestion: Read this entire message carefully! (print it out =
or : download it.) Follow the simple directions and watch the money come =
: in! : It's easy. It's legal. And, your investment is only $6.00 (Plus =
: postage) : IMPORTANT: This is not a rip-off; it is not indecent; it is =
not : illegal; and it is 99% no risk - it really works! : If all of the =
following instructions are adhered to, you will receive : extraordinary =
dividends. : PLEASE NOTE: : Please follow these directions EXACTLY, and =
$50,000 or more can be : yours in 20 to 60 days. This program remains =
successful because of : the honesty and integrity of the participants. =
```

Please continue its : success by carefully adhering to the instructions. =
: You will now become part of the Mail Order business. In this business =
: your product is not solid and tangible, it's a service. You are in : =
the business of developing Mailing Lists. Many large corporations are : =
happy to pay big bucks for quality lists. However, the money made : from =
the mailing lists is secondary to the income which is made from : people =
like you and me asking to be included in that list. : Here are the 4 =
easy steps to success: : STEP 1: Get 6 separate pieces of paper and =
write the following on : each piece of paper "PLEASE PUT ME ON YOUR =
MAILING LIST." Now : get 6 US $1.00 bills and place ONE inside EACH of =
the 6 pieces of : paper so the bill will not be seen through the =
envelope (to prevent : thievery). Next, place one paper in each of the 6 =
envelopes and seal : them. You should now have 6 sealed envelopes, each =
with a piece of : paper stating the above phrase, your name and address, =
and a $1.00 : bill. What you are doing is creating a service. THIS IS =
ABSOLUTELY : LEGAL! You are requesting a legitimate service and you are =
paying for : it! Like most of us I was a little skeptical and a little =
worried : about the legal aspects of it all. So I checked it out with =
the U.S. : Post Office (1-800-725-2161) and they confirmed that it is =
indeed : legal. Mail the 6 envelopes to the following addresses: : #1)=20

E. Benford : 6656 Mableton Pwky APT.#D4 : Mableton, GA.. 30126 : =
#2) Kim Williams : 3334 Kingsland Avenue : Bronx, NY 10469 : #3) Yury =
Konev : 823 Pavonia Avenue : Jersey City, NJ 07306 : #4 A. Campbell : =
P.O. Box 432 : Nellysford, VA.. 22958 : #5B. Page. PO Box 5024 Kendall =
Park NJ 08824 #6 Ewald Kerkhoff site 41 comp. 30 Penticton, B.C. V2A =
7K8 Canada : STEP 2: Now take the #1 name off the list that you see =
above, move : the other names up (6 becomes 5, 5 becomes 4, etc...) and =
add YOUR : Name as number 6 on the list. : STEP 3: Change anything you =
need to, but try to keep this article as : close to original as =
possible. Now, post your amended article to at : least 200 newsgroups. =
(I think there are close to 24,000 groups) All : you need is 200, but =
remember, the more you post, the more money you : make! You won't get =
very much unless you post like crazy. :) : This is perfectly legal! If =
you have any doubts, refer to Title 18 : Sec. 1302 & 1341 of the Postal =
lottery laws. : Keep a copy of these steps for yourself and, whenever =
you need money, : you can use it again, and again. : PLEASE REMEMBER =
that this program remains successful because of the : honesty and =
integrity of the participants and by their carefully : adhering to the =
directions. Look at it this way. If you are of : integrity, the program =
will continue and the money that so many : others have received will =
come your way. : NOTE: You may want to retain every name and address =
sent to you, : either on a computer or hard copy and keep the notes =
people send you. : This VERIFIES that you are truly providing a service. =
(Also, it might : be a good idea to wrap the $1 bill in dark paper to =
reduce the risk : of mail theft.) : So, as each post is downloaded and =
the directions carefully followed, : six members will be reimbursed for =
their participation as a List : Developer with one dollar each. Your =
name will move up the list : geometrically so that when your name =
reaches the #1 position you will : be receiving thousands of dollars in =

CASH!!! What an opportunity for : only $6.00 ($1.00 for each of the =
first six people listed above) Send : it now, add your own name to the =
list and you're in business! : ---DIRECTIONS ----- FOR HOW TO POST TO =
NEWSGROUPS---------- : Step 1) You do not need to re-type this entire =
letter to do your own : posting. Simply put your cursor at the beginning =
of this letter and : drag your cursor to the bottom of this document, =
and select 'copy' : from the edit menu. This will copy the entire letter =
into the : computer's memory. : Step 2) Open a blank 'notepad' file and =
place your cursor at the top : of the blank page. From the 'edit' menu =
select 'paste'. This will : paste a copy of the letter into notepad so =
that you can add your name : to the list. Step 3) Save your new notepad =
file as a .txt file. If : you want to do your postings in different =
settings, you'll always : have this file to go back to. : Step 4) Use =
Netscape or Internet explorer and try searching for : various newsgroups =
(on-line forums, message boards, chat sites, : discussions.) : Step 5) =
Visit these message boards and post this article as a new : message by =
highlighting the text of this letter and selecting paste : from the edit =
menu. Fill in the Subject, this will be the header that : everyone sees =
as they scroll through the list of postings in a : particular group, =
click the post message button. You're done with : your first one! =
Congratulations...THAT'S IT! All you have to do is : jump to different =
newsgroups and post away, after you get the hang of : it, it will take =
about 30 seconds for each newsgroup! **REMEMBER, THE : MORE NEWSGROUPS =
YOU POST IN, THE MORE MONEY YOU WILL MAKE! BUT : YOU HAVE TO POST A =
MINIMUM OF 200** That's it! You will begin receiving : money from around =
the world within days! You may eventually want to : rent a P.O.Box due =
to the large amount of mail you will receive. If : you wish to stay =
anonymous, you can invent a name to use, as long as : the postman will =
deliver it. **JUST MAKE SURE ALL THE ADDRESSES ARE : CORRECT.** : Now, : =
each of the 5 persons who just sent me $1.00 make the MINIMUM 200 : =
postings, each with my name at #5 and only 5 persons respond to each : =
of the original 5, that is another $25.00 for me, now those 25 each : =
make 200 MINIMUM posts with my name at #4 and only 5 replies each, I : =
will bring in an additional $125.00! Now, those 125 persons turn : =
around and post the MINIMUM 200 with my name at #3 and only receive 5 : =
replies each, I will make an additional $625.00! OK, now here is the : =
fun part, each of those 625 persons post a MINIMUM 200 letters with : my =
name at #2 and they each only receive 5 replies, that just made me : =
$3,125.00!!! Those 3,125 persons will all deliver this message to 200 : =
newsgroups with my name at #1 and if still 5 persons per 200 : =
newsgroups react I will receive $15,625,00! With an original : =
investment of only $6.00! AMAZING! When your name is no longer on the : =
list, you just take the latest posting in the newsgroups, and send : out =
another $6.00 to names on the list, putting your name at number 6 : =
again. And start posting again. The thing to remember is: do you : =
realize that thousands of people all over the world are joining the : =
internet and reading these articles everyday?, JUST LIKE YOU are : now!! =
So, can you afford $6.00 and see if it really works?? I think : so... =
People have said, "what if the plan is played out and no : one sends you =
the money? So what! What are the chances of that : happening when there =

are tons of new honest users and new honest : people who are joining the =
internet and newsgroups everyday and are : willing to give it a try? =
Estimates are at 20,000 to 50,000 new : users, every day, with thousands =
of those joining the actual : internet. Remember, play FAIRLY and =
HONESTLY and this will really : work.=20
=20

=20

------=_NextPart_000_0005_01C04401.31B3D8E0

charset="iso-8859-1"

DOC5024 4:54 PM =
Oct.31=20
2000

Message 3 of =

4=20

HOW TO =
TURN SIX=20
DOLLARS INTO SIX THOUSAND DOLLARS: : READING THIS COULD CHANGE =
YOUR LIFE!=20
IT DOES WORK! : I found this on a bulletin board and decided to =
try it. A=20
little : while back, I was browsing through newsgroups, just like =
you are=20
now, : and came across an article similar to this that said you =
could make=20
: thousands of dollars within weeks with only an initial =
investment of :=20
$6.00! So I thought, "Yeah right, this must be a scam", but : like =
most of=20
us, I was curious, so I kept reading. Anyway, it said : that you =
send=20
$1.00 to each of the 6 names and address stated in the : article. =
You then=20
place your own name and address in the bottom of : the list at #6, =
and=20
post the article in at least 200 newsgroups. : (There are =
thousands) No=20
catch, that was it. So after thinking it : over, and talking to a =
few=20
people first, I thought about trying it. I : figured: "what have I =
got to=20
lose except 6 stamps and $6.00, : right?" Then I invested the =
measly=20
$6.00. Well GUESS WHAT!?... : within 7 days, I started getting =
money in=20
the mail! I was shocked! I : figured it would end soon, but the =

money just=20
kept coming in. In my : first week, I made about $25.00. By the =
end of the=20
second week I had : made a total of over $1,000.00! In the third =
week I=20
had over : $10,000.00 and it's still growing. This is now my =
fourth week=20
and I : have made a total of just over $42,000.00 and it's still =
coming in=20
: rapidly. It's certainly worth $6.00, and 6 stamps, I have spent =
more :=20
than that on the lottery!! Let me tell you how this works and most =
:=20
importantly, WHY it works... Also, make sure you print a copy of =
this :=20
article NOW, so you can get the information off of it as you need =
it. : I=20
promise you that if you follow the directions exactly, that you : =
will=20
start making more money than you thought possible by doing : =
something so=20
easy! : Suggestion: Read this entire message carefully! (print it =
out or :=20
download it.) Follow the simple directions and watch the money =
come : in!=20
: It's easy. It's legal. And, your investment is only $6.00 (Plus =
:=20
postage) : IMPORTANT: This is not a rip-off; it is not indecent; =
it is not=20
: illegal; and it is 99% no risk - it really works! : If all of =
the=20
following instructions are adhered to, you will receive : =
extraordinary=20
dividends. : PLEASE NOTE: : Please follow these directions =
EXACTLY, and=20
$50,000 or more can be : yours in 20 to 60 days. This program =
remains=20
successful because of : the honesty and integrity of the =
participants.=20
Please continue its : success by carefully adhering to the =
instructions. :=20
You will now become part of the Mail Order business. In this =
business :=20
your product is not solid and tangible, it's a service. You are in =
: the=20
business of developing Mailing Lists. Many large corporations are =
: happy=20
to pay big bucks for quality lists. However, the money made : from =
the=20
mailing lists is secondary to the income which is made from : =

people like=20
you and me asking to be included in that list. : Here are the 4 =
easy steps=20
to success: : STEP 1: Get 6 separate pieces of paper and write the =

following on : each piece of paper "PLEASE PUT ME ON YOUR MAILING =
LIST."=20
Now : get 6 US $1.00 bills and place ONE inside EACH of the 6 =
pieces of :=20
paper so the bill will not be seen through the envelope (to =
prevent :=20
thievery). Next, place one paper in each of the 6 envelopes and =
seal :=20
them. You should now have 6 sealed envelopes, each with a piece of =
: paper=20
stating the above phrase, your name and address, and a $1.00 : =
bill. What=20
you are doing is creating a service. THIS IS ABSOLUTELY : LEGAL! =
You are=20
requesting a legitimate service and you are paying for : it! Like =
most of=20
us I was a little skeptical and a little worried : about the legal =
aspects=20
of it all. So I checked it out with the U.S. : Post Office=20
(1-800-725-2161) and they confirmed that it is indeed : legal. =
Mail the 6=20
envelopes to the following addresses: : #1)

E. Benford =
: 6656=20
Mableton Pwky APT.#D4 : Mableton, GA.. 30126 : #2) Kim Williams : =
3334=20
Kingsland Avenue : Bronx, NY 10469 : #3) Yury Konev : 823 Pavonia =
Avenue :=20
Jersey City, NJ 07306 : #4 A. Campbell : P.O. Box 432 : =
Nellysford, VA..=20
22958 : #5B. Page. PO Box 5024 Kendall Park NJ 08824 #6 Ewald =
Kerkhoff=20
site 41 comp. =
30 Penticton, B.C. V2A 7K8 =
Canada :=20
STEP 2: Now take the #1 name off the list that you see above, move =
: the=20
other names up (6 becomes 5, 5 becomes 4, etc...) and add YOUR : =
Name as=20
number 6 on the list. : STEP 3: Change anything you need to, but =
try to=20
keep this article as : close to original as possible. Now, post =
your=20
amended article to at : least 200 newsgroups. (I think there are =
close to=20

24,000 groups) All : you need is 200, but remember, the more you =
post, the=20
more money you : make! You won't get very much unless you post =
like crazy.=20
:) : This is perfectly legal! If you have any doubts, refer to =
Title 18 :=20
Sec. 1302 & 1341 of the Postal lottery laws. : Keep a copy of =
these=20
steps for yourself and, whenever you need money, : you can use it =
again,=20
and again. : PLEASE REMEMBER that this program remains successful =
because=20
of the : honesty and integrity of the participants and by their =
carefully=20
: adhering to the directions. Look at it this way. If you are of : =

integrity, the program will continue and the money that so many : =
others=20
have received will come your way. : NOTE: You may want to retain =
every=20
name and address sent to you, : either on a computer or hard copy =
and keep=20
the notes people send you. : This VERIFIES that you are truly =
providing a=20
service. (Also, it might : be a good idea to wrap the $1 bill in =
dark=20
paper to reduce the risk : of mail theft.) : So, as each post is=20
downloaded and the directions carefully followed, : six members =
will be=20
reimbursed for their participation as a List : Developer with one =
dollar=20
each. Your name will move up the list : geometrically so that when =
your=20
name reaches the #1 position you will : be receiving thousands of =
dollars=20
in CASH!!! What an opportunity for : only $6.00 ($1.00 for each of =
the=20
first six people listed above) Send : it now, add your own name to =
the=20
list and you're in business! : ---DIRECTIONS ----- FOR HOW TO POST =
TO=20
NEWSGROUPS---------- : Step 1) You do not need to re-type this =
entire=20
letter to do your own : posting. Simply put your cursor at the =
beginning=20
of this letter and : drag your cursor to the bottom of this =
document, and=20
select 'copy' : from the edit menu. This will copy the entire =
letter into=20
the : computer's memory. : Step 2) Open a blank 'notepad' file and =

place=20
your cursor at the top : of the blank page. From the 'edit' menu =
select=20
'paste'. This will : paste a copy of the letter into notepad so =
that you=20
can add your name : to the list. Step 3) Save your new notepad =
file as a=20
.txt file. If : you want to do your postings in different =
settings, you'll=20
always : have this file to go back to. : Step 4) Use Netscape or =
Internet=20
explorer and try searching for : various newsgroups (on-line =
forums,=20
message boards, chat sites, : discussions.) : Step 5) Visit these =
message=20
boards and post this article as a new : message by highlighting =
the text=20
of this letter and selecting paste : from the edit menu. Fill in =
the=20
Subject, this will be the header that : everyone sees as they =
scroll=20
through the list of postings in a : particular group, click the =
post=20
message button. You're done with : your first one!=20
Congratulations...THAT'S IT! All you have to do is : jump to =
different=20
newsgroups and post away, after you get the hang of : it, it will =
take=20
about 30 seconds for each newsgroup! **REMEMBER, THE : MORE =
NEWSGROUPS YOU=20
POST IN, THE MORE MONEY YOU WILL MAKE! BUT : YOU HAVE TO POST A =
MINIMUM OF=20
200** That's it! You will begin receiving : money from around the =
world=20
within days! You may eventually want to : rent a P.O.Box due to =
the large=20
amount of mail you =
will=20
receive. If : you wish to stay anonymous, you can invent a name to =
use, as=20
long as : the postman will deliver it. **JUST MAKE SURE ALL THE =
ADDRESSES=20
ARE : CORRECT.** : Now, : each of the 5 persons who just sent me =
$1.00=20
make the MINIMUM 200 : postings, each with my name at #5 and only =
5=20
persons respond to each : of the original 5, that is another =
$25.00 for=20
me, now those 25 each : make 200 MINIMUM posts with my name at #4 =
and only=20

5 replies each, I : will bring in an additional $125.00! Now, =
those 125=20
persons turn : around and post the MINIMUM 200 with my name at #3 =
and only=20
receive 5 : replies each, I will make an additional $625.00! OK, =
now here=20
is the : fun part, each of those 625 persons post a MINIMUM 200 =
letters=20
with : my name at #2 and they each only receive 5 replies, that =
just made=20
me : $3,125.00!!! Those 3,125 persons will all deliver this =
message to 200=20
: newsgroups with my name at #1 and if still 5 persons per 200 :=20
newsgroups react I will receive $15,625,00! With an original : =
investment=20
of only $6.00! AMAZING! When your name is no longer on the : list, =
you=20
just take the latest posting in the newsgroups, and send : out =
another=20
$6.00 to names on the list, putting your name at number 6 : again. =
And=20
start posting again. The thing to remember is: do you : realize =
that=20
thousands of people all over the world are joining the : internet =
and=20
reading these articles everyday?, JUST LIKE YOU are : now!! So, =
can you=20
afford $6.00 and see if it really works?? I think : so... People =
have=20
said, "what if the plan is played out and no : one sends you the =
money? So=20
what! What are the chances of that : happening when there are tons =
of new=20
honest users and new honest : people who are joining the internet =
and=20
newsgroups everyday and are : willing to give it a try? Estimates =
are at=20
20,000 to 50,000 new : users, every day, with thousands of those =
joining=20
the actual : internet. Remember, play FAIRLY and HONESTLY and this =
will=20
really : work.

------=_NextPart_000_0005_01C04401.31B3D8E0--

2612. Re: Where do I point my dish?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-01 20:49:07 UTC
From: Ed Nelson <ednelson@waitrose.com>
Message-ID: <8tpvku$474$1@gxsn.com>
Source record: 8096
Cross-posted to: sci.astro.seti,alt.sci.seti,rec.radio.amateur.space

Hiya,

> > > It had better be a very powerful probe with a huge antenna if
> that's the
> > case.
> >
> > 'fraid so; the only extragalactic sources easily detected by v. small
> > instruments are v. violent astrophysical systems. So our extragalactic
> > friends may need to do the old cavemans trick of banging two galaxies
> > together. (cue- "Fanfare to the Common Man") :^)
>
> Yet again you are assuming that ET's technology is less than or equal
> to our own.

Not in the least; I'm most concerned about our stupidity, not theirs :o)
Also it seems reasonable to believe that there would be fewer societies surviving long enough to reach a highly advanced level, so lets play the odds and look for lots of nearby societies within a few centuries of our own technology, not one tens of megaparsecs away.

>Are you not willing to admit that the technological level
> at which another civilization could have evolved could produce a hand
> held device with intergalactic capabilities?

No; not so that *we* can hear it anyhow. Maybe there's some loophole in human knowledge physics that lets them comunicate with each other, but not with creatures as thick us. Indeed, if they're that smart, what are we to them beyond underdeveloped anthropological curiosities?

I'm simply assuming the laws of physics and including our own, still very limited, capacity to receive. To be heard with S@H (let alone an amateur rig), a hand held radio device such as you describe would fry you, and a few nearby solar systems too. Indeed the energy density might even be so great that it would collapse forming a black hole and thus transmit nothing at all!

Let's accept that maybe a sufficiently advanced civilisation could attempt to modulate the accretion of matter onto a super-massive black hole or build a synchrotron the size of a small galaxy for use as a beacon, etc.; but why waste their time calling some stupid apes who they won't meet in millions of years? "Ah! But they could come here through a wormhole or faster than light etc." I hear you say. If (one hell of a big if, IMO) that's so, why don't they do that in the first place?

The energies required, regardless of technology, are so great that it would be rather like humanity setting off all the world's nuclear weapons in order to try to attract the attention of some critters with 20th centuary telescope technology on a planet orbiting a nearby star. To miss-quote Carl Sagan: Maybe the sound when you put a seashell to your ear is an ET signal if you analyse it correctly - but I doubt it! Equaly, maybe we can see the artifacts of super-advanced civilisations as, for example, some gamma ray bursts or active galactic nuclei, but I personaly doubt it *very* much.

"But what if they don't use radio (or other electomagnetic) waves?" Then we won't hear them anyway unless we already know the physics and can build the receiver - and indeed to realise the potentialities of what we've already built. So maybe we have to be as advanced as they are to notice them. Ed.

But then, who knows? ;^)

IMO the "possible, but only just" is a v. expensive (scientificaly and financialy) luxuary. I'm concerned with what it's worth doing for a fair to middling chance of success, and what it's justifiable to spend tax payers money on, etc.. I'd love to be alive when the real "Wow!" signal is received, so forget those rare extragalactic geniuses; lets concentrate on the average "thousands(??) in every galaxy" Little Green Critters within a kiloparsec or so of us first.

keep looking anyway, Ed.

2613. Re: Use of Ham Callsign on CB

Newsgroup: rec.radio.amateur.space
Date: 2000-11-02 04:05:37 UTC
From: Dick Carroll <dixie@townsqr.com>
Message-ID: <8tqp6h$cl7$9@208.207.71.161>
Source record: 8097
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.space

CAM wrote:
>
> "Vince Fiscus, KB7ADL" wrote:
> > That's what I love about the people in this newsgroup. When they can't fight
> > the truth, they fight the person.
>
> You're a good one to talk, Vince. Consider that, using your logic,
> if you accidentally allowed your license to expire and then passed
> all the exams to get back to extra, you would NOT be a "real ham".
> Can you see just how stupid that logic is?

Evidently you can't see how stupid your comment is.

2614. Re: Use of Ham Callsign on CB

Newsgroup: rec.radio.amateur.space
Date: 2000-11-02 05:18:27 UTC
From: CAM <cam2338@bigfoot.com>
Message-ID: <3A00F923.D988DC6B@bigfoot.com>
Source record: 8098
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.space

Dick Carroll wrote:
> Evidently you can't see how stupid your comment is.

Vince has said that anyone who gets a license after April 2000 is not a real ham. That would include hams who accidentally allowed their license to expire and took the exams in order to get their license back. So don't dare let your license expire, Dick, 'cause Vince says you will no longer be a real ham. If you let your license expire and go to the trouble of taking the exams to get it back, you will be dumbed-down and branded an Extra Lite.
--
http://www.mindspring.com/~w6rca

2615. RS15 Alive

Newsgroup: rec.radio.amateur.space
Date: 2000-11-02 05:28:47 UTC
From: treynolds@email.exide.com
Message-ID: <8tqu2ebiq1@nnrp1.deja.com>
Source record: 8149

I have been working the analog sats for about three years now. During that time I have caught RS15 operational about four times. Last night I was driving home from work, 10 meters was dead so I turned the squelch down and set it to scan the 10 meter band. It stopped at 29.352 on a rather weak CW signal. I thought it might be the RS15 beacon so when I got home I checked and, sure enough, it was making a pass over central US at that time.

Tom

Sent via Deja.com http://www.deja.com/
Before you buy.

2616. Books or Websites?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-02 06:05:03 UTC
From: hk@hollyking.inetarena.com
Message-ID: <slrn90210h.340.hk@methos.inetarena.com>
Source record: 8150

Greetings! I'm about to take the exam and get my license. Since the crew is headed up to ISS I am interested in trying to communicate with them. However, I have no idea where to start.

Can some of you fine people share some recommendations about books and websites to get a newbie going in the world of sattelite communications?

Thanks!

Brendan

--
Homines est! Dici omnes! Soylens viridis homines est!

2617. Re: Books or Websites?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-02 13:03:25 UTC
From: Will Marchant <kc6rol@amsat.org>
Message-ID: <3A01661F.38505F51@amsat.org>
Source record: 8151

I like Martin Davidoff's "The Radio Amateur's Satellite Handbook"
available from AMSAT http://www.amsat.org/amsat/catalog/books.html or
ARRL http://www.arrl.org/catalog/6583/

Brendan Van Horn wrote:
>
> Greetings! I'm about to take the exam and get my license. Since the
> crew is headed up to ISS I am interested in trying to communicate with
> them. However, I have no idea where to start.
>
> Can some of you fine people share some recommendations about books and
> websites to get a newbie going in the world of sattelite communications?
>
> Thanks!
>
> Brendan
>
> --
> Homines est! Dici omnes! Soylens viridis homines est!

--
Will Marchant
marchant@ssl.berkeley.edu http://chips.ssl.berkeley.edu/~marchant/
kc6rol@amsat.org New==>http://home.earthlink.net/~willmarchant/

2618. Re: Use of Ham Callsign on CB

Newsgroup: rec.radio.amateur.space
Date: 2000-11-02 14:03:04 UTC
From: Dwight Stewart <stewartx@sccoast.net>
Message-ID: <3A0173EC.7339CA22@sccoast.net>
Source record: 8152
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

Jeffrey Herman wrote:
>
> Riddle me this, Dwight: Suppose on/after
> 01 April 2010, no tests will be required
> at all for an amateur radio license. Would
> this new license be "worth" as much to
> you as the one you currently hold?

Of course it would. It would still give me the same operating privileges, and authority to operate, as I had before, so how could it be "worth" less just because the requirements changed for someone else? All my friends would still on the radio, so a change in the license requirements would not lesson that. My enjoyment of radio would still be there, so a change in the license requirements would not lesson that. I simply don't see how the value of my license to me could be reduced by a change in the requirements for someone else.

By the way, I posted this a couple of days ago, but someone set follow-ups to just rec.radio.amateur.misc and I didn't notice it until today. So I'm reposting it so it will appear back in rec.radio.amateur.policy.

Dwight Stewart (W5NET)

http://www.qsl.net/w5net

2619. ISS DOWNLINK HEARD IN UK

Newsgroup: rec.radio.amateur.space
Date: 2000-11-02 14:23:25 UTC
From: Eavesdropper <ian@eavesdropper.worldonline.co.uk>
Message-ID: <3a017930@news.server.worldonline.co.uk>
Source record: 8153
Cross-posted to: alt.radio.scanner.uk,rec.radio.amateur.space

At 13:56 pm GMT today I was driving along in the pouring rain and remembered that the russian VHF downlink eqipement was already onboard the ISS so i quickly tuned to the old MIR frequency of 143.6250 NFM and low and behold they where there, talking in Russian just like the old MIR days.

I manage to record around 3 minutes of it in real media format on my laptop when i pulled over to the side of the road , unfortunately in my haste I left it in maximum quality format and it is 1.6mb in size so I may post it to alt.binaries.radio.scanner if anybody wishes me to.

If you are interested in hearing her the next passes (UK) are as follows.... (expand this window full screen to see properly)

Please note these passes are VISIBLE passes so may well see it to if there are clear skies, also all times are GMT for UK locations.

```
Sat# Satellite Name Date Rise Cul. Set Azmuth Elev.
Range %Illum Mag. Qual
-------------------------------------------------------------------------------
--------------
25544 ISS (ZARYA) 11/02/00 15:30 15:33 15:36 202.0 59.0 444.4
21.6 0.2 Yel
25544 ISS (ZARYA) 11/02/00 17:07 17:08 17:10 220.4 14.2 1172.3
9.8 3.1 Red
25544 ISS (ZARYA) 11/03/00 09:45 09:46 09:47 137.7 11.8 1296.6
1.0 5.8 Red
25544 ISS (ZARYA) 11/03/00 11:19 11:21 11:25 155.5 50.8 489.5
6.5 1.7 Grn
25544 ISS (ZARYA) 11/03/00 12:55 12:57 13:01 354.9 70.6 408.1
45.9 -0.8 Grn
25544 ISS (ZARYA) 11/03/00 14:31 14:34 14:37 195.4 86.8 385.8
34.3 -0.6 Grn
25544 ISS (ZARYA) 11/03/00 16:07 16:09 16:12 214.0 24.5 823.2
8.0 2.6 Red
25544 ISS (ZARYA) 11/04/00 10:20 10:22 10:25 148.8 30.4 709.4
1.0 4.5 Grn
25544 ISS (ZARYA) 11/04/00 11:55 11:58 12:01 347.0 84.3 388.4
34.2 -0.6 Grn
25544 ISS (ZARYA) 11/04/00 13:31 13:34 13:37 8.1 74.4 399.6
45.2 -0.9 Grn
```

Lets hope there is much more over the next 15 years...I am sure there will be !!

regards

The Eavesdropper

ian k.

2620. VHF air-to-ground on USA East coast too...

Newsgroup: rec.radio.amateur.space
Date: 2000-11-02 17:03:05 UTC
From: Will Marchant <kc6rol@amsat.org>
Message-ID: <3A019E4B.9D2A8A64@amsat.org>
Source record: 8154
Cross-posted to: sci.space.station,rec.radio.amateur.space

Hi Folks:
It appears that the NASA Wallops VHF relay facility is now active
again! I've been copying a nice pass of the ISS on 143.625 MHz. Try
listening if you live in the mid-Atlantic area...

--
Will Marchant
marchant@ssl.berkeley.edu http://chips.ssl.berkeley.edu/~marchant/
kc6rol@amsat.org New==>http://home.earthlink.net/~willmarchant/

2621. Re: Books or Websites?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-02 17:36:51 UTC
From: jimmy john <jj@sandwitch.org>
Message-ID: <4A8A59F2BDCDD311BFC800508BA36AC8053F21FC@www.indianarep.com>
Source record: 8155

Try the November CQ magazine or http://www.ariss.org

Brendan Van Horn <hk@hollyking.inetarena.com> wrote in message
news:slrn90210h.340.hk@methos.inetarena.com...
> Greetings! I'm about to take the exam and get my license. Since the
> crew is headed up to ISS I am interested in trying to communicate with
> them. However, I have no idea where to start.
>
> Can some of you fine people share some recommendations about books and
> websites to get a newbie going in the world of sattelite communications?
>
> Thanks!
>
> Brendan
>
>
> --
> Homines est! Dici omnes! Soylens viridis homines est!

2622. STS-106 / ISS radio traffic

Newsgroup: rec.radio.amateur.space
Date: 2000-11-02 18:47:18 UTC
From: Björn Axelsson <bjorn.axelsson@swipnet.se>
Message-ID: <3A01B720.DC7B26AD@swipnet.se>
Source record: 8156

Hi!

Anyone out there knows the freq.
off the talking traffic between the
STS-106 / ISS and the erath based
stations?

Thanks in advance.
Bjï¿½rn Axelsson

2623. Re: STS-106 / ISS radio traffic

Newsgroup: rec.radio.amateur.space
Date: 2000-11-02 19:27:49 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn903g1l.ub6.nomail@linux.pe1chl.ampr.org>
Source record: 8160

Bjï¿½rn Axelsson <bjorn.axelsson@swipnet.se> wrote:
>Hi!

>Anyone out there knows the freq.
>off the talking traffic between the
>STS-106 / ISS and the erath based
>stations?

ISS is on 143.625 MHz (Russian)
The Americans use digital microwave systems via relay satellites, you won't
be able to listen in on those.

Rob
--
+---------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+---------------------------------+--------------------------------------+

2624. Re: STS-106 / ISS radio traffic

Newsgroup: rec.radio.amateur.space
Date: 2000-11-02 21:17:26 UTC
From: Peter Hodgson <va3pkh@rac.ca>
Message-ID: <3A01D9E5.66C0BD1@rac.ca>
Source record: 8157

They were on 143.625 for the 20:10 pass of North America.
S9 signal on a mobile in eastern Ontario
I only heard Russian language

73

Peter
VA3PKH

Bjï¿½rn Axelsson wrote:
>
> Hi!
>
> Anyone out there knows the freq.
> off the talking traffic between the
> STS-106 / ISS and the erath based
> stations?
>
> Thanks in advance.
> Bjï¿½rn Axelsson

2625. Re: VHF air-to-ground on USA East coast too...

Newsgroup: rec.radio.amateur.space
Date: 2000-11-02 22:02:58 UTC
From: Julian Bordas <jbordas@biogate.com>
Message-ID: <3A01E492.A18E3C45@biogate.com>
Source record: 8158
Cross-posted to: sci.space.station,rec.radio.amateur.space

Will Marchant wrote:
>
> Hi Folks:
> It appears that the NASA Wallops VHF relay facility is now active
> again! I've been copying a nice pass of the ISS on 143.625 MHz. Try
> listening if you live in the mid-Atlantic area...
>

I've been trying to live in the mid Atlantic area but the house don't
float :-)

--
Julian Bordas

"Windows is yucky. It keeps breaking"
Edward Bordas Age 5

2626. Re: ISS DOWNLINK HEARD IN UK

Newsgroup: rec.radio.amateur.space
Date: 2000-11-02 22:14:16 UTC
From: Volker Tonn <heiztechnik@mailberlin.net>
Message-ID: <3A01E737.4D30EF8C@mailberlin.net>
Source record: 8159
Cross-posted to: alt.radio.scanner.uk,rec.radio.amateur.space

Eavesdropper schrieb:

> Lets hope there is much more over the next 15 years...I am sure there will
> be !!
>
> regards
>
> The Eavesdropper
>
> ian k.

Hi Ian .
glad to see you back on a scanners group.

73
odo

2627. Re: VHF air-to-ground on USA East coast too...

Newsgroup: rec.radio.amateur.space
Date: 2000-11-03 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn905csh.ub6.nomail@linux.pe1chl.ampr.org>
Source record: 8176
Cross-posted to: sci.space.station,rec.radio.amateur.space

TomR@astro.net <TomR@astro.net> wrote:
>On Thu, 02 Nov 2000 17:03:05 GMT, Will Marchant <kc6rol@amsat.org>
>wrote:

>>Hi Folks:
>>It appears that the NASA Wallops VHF relay facility is now active
>>again! I've been copying a nice pass of the ISS on 143.625 MHz. Try
>>listening if you live in the mid-Atlantic area...

>>--
>>Will Marchant
>>marchant@ssl.berkeley.edu http://chips.ssl.berkeley.edu/~marchant/
>>kc6rol@amsat.org New==>http://home.earthlink.net/~willmarchant/

> I thought that was the Russian ground control freqency? Or is it
>used by Wallops as well?

>Tom - KB2SMS

Maybe you have missed it, but these days the Russians and Americans are
co-operating on the same space station.

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

2628. Re: Would this reciever be useful for starting amateur SETI?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-03 00:00:00 UTC
From: Phil Weldon <pweldon@mindspring.com>
Message-ID: <8tv0uk$i22$1@slb6.atl.mindspring.net>
Source record: 8177
Cross-posted to: sci.astro.seti,alt.sci.seti,rec.radio.amateur.space

I don't think they would be willing to sacrifice their star to send a signal
to that could be received by a 3 or 5 meter dish. Modulating the signal
might be a little difficult, and what would they do for a repeat
performance? Or maybe they could be a little more clever and place a Dyson
sphere around a pulsar and use polarizers to modulate the beam? I think it
might be cheaper and faster for an ETI civilization to send von Neumann
probes. Of course, given that capability and choice, we should be looking
for signals in our solar system.

Phil Weldon, pweldon@mindspring.com

"Alfred A. Aburto Jr." <aburto@cts.com> wrote in message
news:8tupmlpua1@thoth.cts.com...
> Hi David,
>
> That is a good discussion.
>
> I'd add though that there is the possiblity too
> that a civilization that "really" (REALLY) wanted
> to make themselves known to others in the Galaxy
> would transmit a powerful signal detectable easily
> by even a 3 or 5 meter dish. They wouldn't make
> it hard to detect! They would make it as easy as
> possible within reasonable physical limits. One limit
> would be power/energy used since they'd not want
> to "fry" the local planet or nearby lifeforms for
> example ... :-) Beaming a signal makes sense. A
> CW tone or tones makes sense. Perhaps a square
> wave to get broadband coverage makes sense. A
> signal of "sufficient" duration (pulse(s)) makes sense.
> Transmitting in the water-hole region makes sense ...
>
> Well, if in fact a signal that was easy to detect was
> transmitted then the SETI League approach (when it
> reaches fruition) makes great sense! They'll be sure
> to make first contact I think.
>
> Al
>
> > "David Woolley" <david@djwhome.demon.co.uk> wrote in message
> news:T973211389@djwhome.demon.co.uk...
> > In article <8tkqhe$c47$1@plutonium.btinternet.com>,
> > Kay Bracknell <kayzee12@hotmail.com> wrote:
> >

> > > Quote from article [by Dr Shuch]:
> > > sky at any time. To avoid missing the call, we really need about a
> million
> > > such radio telescopes, coordinated so as to point in all directions at
> >
> > You need to realise that each strategy has strengths and weaknesses;
> > Dr Shuch is stressing the proportion of time for which any target is
> > observed, because that is the strength of amateur SETI. Its weakness is
> > a lack of range. He's on a selling mission, trying, at the same time,
> > to leverage the S@H publicity and stop people abandoning Argus for S@H.
> >
> > A 300m dish, like Arecibo, has 100 times the range of a 3m dish, and
> > therefore can sweep 1,000,000 times the volume, for a given transmit
> > power. However, Arecibo, in SERENDIP type configuration, can only
manage
> > around 12 seconds per target every six or so months, even within its
> > limited pointing range; if it could point in any direction, it would
> > take several years to give each target 12 seconds.
> >
> > If the transmitted signal lasts several years, that doesn't matter, and
> > Arecibo has a million times better a chance of finding it than an
amateur
> > (assuming it is strong enough for the statistics to be well behaved++).
> > However, if it only lasts 12 seconds, the chance of the right 12 seconds
> > being hit is very small (of the order of 1/(50,000,000)).
> >
> > On the other hand, a relatively small number of 3m dishes can
> > simultaneously cover the whole sky and only suffer the 1,000,000
> > sensitivity penalty, not the 5,000,000 right time penalty.
> > Over-committing the coverage gives you real time confirmation.
> >
> > The above figures are very order of magnitude and make a lot of
> > unstated assumptions, but, I believe, the conclusions are right.
> >
> > For our own high power leakage, 30 minutes might be more reasonable
> > than 12 seconds, shifting the balance towards the the big dishes,
> > but still near break-even. (Actually, the reaction time to even
> > a 30 minute signal wouldn't allow a confirmation observation, so
> > over-committed small dishes still have an advantage.)
> >
> > Note that amateur SETI only gets these advantages when done in
> > a coordinated fashion, and, for example, anyone who insists on only
> > looking at the "best candidates" will optimise their individual chance
> > of success but reduce the overall chance.
> >
> > > Most SETI amateurs swear by the iCom R7000 receiver or similar in the
> >
> > This is the preferred plug and play solution. Some use home or
> > kit constructed receivers of relatively simple designs, but still
> > having all the required attributes except for frequency agility

> > (which is not actually that much of a priority in the above scenario,
> > as stepping the frequency means that you are not looking at the
> > target for as long as possible).
> >
> > ++ When it is not strong, there may be hundreds of stars in range
> > of Arecibo and none at all in range of a 3m dish. The Argus concept
> > really requires there to be 100s of candidates in the range of the
> > small dishes for the statistics to be well behaved.
>
>

2629. Re: VHF air-to-ground on USA East coast too...

Newsgroup: rec.radio.amateur.space
Date: 2000-11-03 00:00:00 UTC
From: Will Marchant <kc6rol@amsat.org>
Message-ID: <3A031520.10117047@amsat.org>
Source record: 8178

A list of Earth based ham relays of the voice from NASA TV is available
at http://www.amsat.org/amsat/sarex/shutfreq.html

But you might be able to copy the VHF signals direct from ISS on certain
passes when it is visible from both Indiana and the East and West
coasts...

SBCmusic wrote:
>
> In article <8tt7d8$n6m$1@bob.news.rcn.net>, "Tim" <tthomps@nospam.erols.com>
> writes:
>
> >Yes, the Wallops, White Sands, and Dryden VHF communications sites
> >are all active for ISS.
> >
> >Tim
>
> Do you know of any sites or relays in the Central Indiana area? (I'm kind of
> new at this so not sure where to look for the info)
>
> Thanks,
> Rick N9GSU

--
Will Marchant
marchant@ssl.berkeley.edu http://chips.ssl.berkeley.edu/~marchant/
kc6rol@amsat.org New==>http://home.earthlink.net/~willmarchant/

2630. UK site up for ISS topics,

Newsgroup: rec.radio.amateur.space
Date: 2000-11-03 00:00:00 UTC
From: Eavesdropper <ian@eavesdropper.worldonline.co.uk>
Message-ID: <3a0316e1@news.server.worldonline.co.uk>
Source record: 8179

Mostly for amateur radio tx from ISS now and in the future, UK visible and
radio pass times, sstv page, voice tx page video page etc.

Still under some construction but most pages basically operational

have fun

ian k.

2631. Re: VHF air-to-ground on USA East coast too...

Newsgroup: rec.radio.amateur.space
Date: 2000-11-03 00:00:00 UTC
From: Glenn <glenn.hansen@uswest.net>
Message-ID: <ZHEM5.49054$E85.1248205@news1.sttls1.wa.home.com>
Source record: 8180

Strong sigs and Russian accents starting at 1855 UTC here in Washington today. Or should I say the Mid Pacific Area? :-)

"SBCmusic" <sbcmusic@aol.com> wrote in message news:20001103091934.02361.00000583@nso-cl.aol.com...
> In article <8tt7d8$n6m$1@bob.news.rcn.net>, "Tim" <tthomps@nospam.erols.com>
> writes:
>
> >Yes, the Wallops, White Sands, and Dryden VHF communications sites
> >are all active for ISS.
> >
> >Tim
>
> Do you know of any sites or relays in the Central Indiana area? (I'm kind of
> new at this so not sure where to look for the info)
>
> Thanks,
> Rick N9GSU

2632. Re: UK site up for ISS topics,

Newsgroup: rec.radio.amateur.space
Date: 2000-11-03 00:00:00 UTC
From: Ash <ash@gravitywell.org>
Message-ID: <3A033B6D.CF2F8060@gravitywell.org>
Source record: 8181

perhaps an URL wouldn't hurt?
:-)

Eavesdropper wrote:

> Mostly for amateur radio tx from ISS now and in the future, UK visible and
> radio pass times, sstv page, voice tx page video page etc.
>
> Still under some construction but most pages basically operational
>
> have fun
>
> ian k.

2633. Re: ISS DOWNLINK HEARD IN UK

Newsgroup: rec.radio.amateur.space
Date: 2000-11-03 00:00:00 UTC
From: Martin Peters <martin.peters1@virgin.net>
Message-ID: <jEHM5.9594$mv2.38711@news2-win.server.ntlworld.com>
Source record: 8182
Cross-posted to: alt.radio.scanner.uk,rec.radio.amateur.space

Left a tape (voice activated) running on 143.625 all day today (Fri) and caught a few minutes of conversation in Russian. No idea which pass these recordings were made from as the machine does not time-stamp. I'll have to fire up the laptop and record it there.

If you do the same, remember to enable the AFC if you have one (I forgot). Doppler shift means the station can be a few kHz off frequency and the first snatches of voice on the tape are all clipped as a result.

Is MIR finally demanned now or do they still have a presence - also on 143.625??

Martin

2634. Re: VHF air-to-ground on USA East coast too...

Newsgroup: rec.radio.amateur.space
Date: 2000-11-03 00:00:00 UTC
From: Tim <tthomps@nospam.erols.com>
Message-ID: <8tvuv6$6u7$1@bob.news.rcn.net>
Source record: 8183
Cross-posted to: sci.space.station,rec.radio.amateur.space

NASA installed VHF ground stations at Wallops, White Sands, and Dryden when American astronauts started visiting MIR. The VHF sites could be scheduled by the Russians (even when Americans weren't aboard) for communicating with the cosmonauts. These VHF stations are now being used for ISS and Soyuz. I'm pretty sure that ISS and Soyuz use different frequencies.

Using a Russian frequency for Ground Network contacts makes sense when you think about it. You wouldn't want the crew to have to think about which country they are over (and hence which frequency to use) before they transmit. They should only need to have a schedule of possible contact times.

Tim

TomR@astro.net wrote in message <3a02a68b.56160855@news.idsi.net>...
>On Thu, 02 Nov 2000 17:03:05 GMT, Will Marchant <kc6rol@amsat.org>
>wrote:
>
>>Hi Folks:
>>It appears that the NASA Wallops VHF relay facility is now active
>>again! I've been copying a nice pass of the ISS on 143.625 MHz. Try
>>listening if you live in the mid-Atlantic area...
>>
>>--
>>Will Marchant
>>marchant@ssl.berkeley.edu http://chips.ssl.berkeley.edu/~marchant/
>>kc6rol@amsat.org New==>http://home.earthlink.net/~willmarchant/
>
> I thought that was the Russian ground control freqency? Or is it
>used by Wallops as well?
>
>Tom - KB2SMS
>

2635. Re: VHF air-to-ground on USA East coast too...

Newsgroup: rec.radio.amateur.space
Date: 2000-11-03 00:00:00 UTC
From: Tim <tthomps@nospam.erols.com>
Message-ID: <8u007o$e45$1@bob.news.rcn.net>
Source record: 8184

SBCmusic wrote in message <20001103091934.02361.00000583@nso-cl.aol.com>...
>In article <8tt7d8$n6m$1@bob.news.rcn.net>, "Tim"
<tthomps@nospam.erols.com>
>writes:
>
>>Yes, the Wallops, White Sands, and Dryden VHF communications sites
>>are all active for ISS.
>>
>>Tim
>
>Do you know of any sites or relays in the Central Indiana area? (I'm kind
of
>new at this so not sure where to look for the info)
>
>Thanks,
>Rick N9GSU

Rick,

There aren't any ISS/Soyuz VHF stations in the midwest, and I'm not aware of any relays. However, ISS can communicate through Wallops when it is pretty far west, and I'd expect that you could copy the downlink from Central Indiana without any problem - during those passes. Of course, if ISS was communicating through Wallops while it was over the Atlantic, I doubt that you'd hear anything.

If you have software to predict passes, you could look for times when ISS is simultaneously in view from your location and from Wallops. The location of Wallops is:

Latitude: 37 degrees 55 minutes, 41.55 seconds

Longitude (West): -75 degrees 28 minutes 33.23 seconds

For others interested, White Sands is at:

Latitude: 32 degrees 30 minutes 33.89 seconds

Longitude (East): 253 degrees 23 minutes 31.1385 seconds

And Dryden is at:

Latitude: 34 degrees 57 minutes 38.8969 seconds

Longitude (East): 242 degrees 5 minutes 18.6141 seconds

Good luck & 73,

Tim

2636. Re: VHF air-to-ground on USA East coast too...

Newsgroup: rec.radio.amateur.space
Date: 2000-11-03 00:00:00 UTC
From: JF Mezei <jfmezei.spamnot@videotron.ca>
Message-ID: <3A037E6C.23707F88@videotron.ca>
Source record: 8185
Cross-posted to: sci.space.station,rec.radio.amateur.space

Something I don't quite understand here.

Listening to the NASA TV during the wee hours of the morning (afternoon in Moscow), the Alpha-ISS occupants had short periods of communuications while the station was over russian territory, and towards the conclusion of that period, there was an agreement that the next communication pass would occur in X minutes (next orbit). And then silence.

During those silence portions, NASA TV commentator would make comments that telemetry was being transmitted via the Unity early communications system.

If the crew are told not to bother with the radio for the next 80 minutes, I am currious as to why anyone in north america would hear convesations as the station was over north america ?

Or during daytime orbits that go over the USA, would the crew be advised of additional communications opportunities ? But aren't they asleep during north american daytime ?

Also, what exactly is the Unity early communications system capable of ? Could it handle voice communcations ? Or just telemetry ?

2637. WTB ICOM UX-98 MODULE (2.4 GHZ IC970)

Newsgroup: rec.radio.amateur.space
Date: 2000-11-03 00:00:00 UTC
From: Joe Leikhim <jleikhim@nettally.com>
Message-ID: <3A038D7F.9F84A5B8@nettally.com>
Source record: 8186
Cross-posted to: rec.radio.swap,rec.radio.amateur.space

> > Subject says it all. I have cash ready. Please respond via e-mail with
> > condition, price, phone number and particulars.

--
Joe Leikhim K4SAT
Jleikhim@nettally.com

"tv dinner by the pool,
i'm so glad i finished school" -F.Zappa 1967

"The Revolution will NOT be televised" -Gil Scott Heron

"Whats he building in there?"- Tom Waits

WARNING TO UNSOLICITED SPAMMERS!!!

Pursuant to U.S. Code, title 47, Chapter 5, Subchapter II,
"Any and all non-solicited commercial E-mail (SPAM) sent to
this address is subject to a download and archival fee of
$500.00 U.S."! E-mailing denotes acceptance of these terms.

2638. Re: Would this reciever be useful for starting amateur SETI?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-03 00:00:00 UTC
From: david@djwhome.demon.co.uk
Message-ID: <T973294735@djwhome.demon.co.uk>
Source record: 8187
Cross-posted to: sci.astro.seti,alt.sci.seti,rec.radio.amateur.space

In article <8tkj7nhco1@slb0.atl.mindspring.net>,
Phil Weldon <pweldon@mindspring.com> wrote:

> Not really. The products from this company seem to be oriented toward
> eavesdropping on cellular phone conversations, capturing cell phone id's and
> codes, cracking frequency hopping communication, etc. More a police,

I suspect they have more sales to the general public. I can't remember
where this model is in their range, but I think that most of the range
is aimed at the hobbyist scanner market.

> military, or intelligence service type of equipment than SETI equipment. In
> addition, it is not nearly sensitive enough for SETI work, and is possibly

Sensitivity of the main receiver is not generally an issue. The main
receiver needs good frequency stability, and few birdies. A large
dynamic range is also desirable. However, in a typical configuration,
the downlead cable is likely to generate more noise than the receiver

The main concern with software controlled receivers like this is
RFI from the PC. The model in question is an external one, though,
so good isolation should be possible to achieve, and it is claimed
that the internal ones have reasonable isolation as well.

> illegal in many countries.
[IANAL]
The manufacturer is Australian and the potential buyer is Australian, in
this case. I suspect that versions sold to the public in the USA will
have the cellular bands disabled, to meet the US legislation (not that
that provides any real security for analogue cellular). In the UK
possession is OK, but use for monitoring anything not intended for
the general public is illegal, and having it ready for such use is
probably also illegal (this also applies to general coverage short
wave receivers). Listening to taxis and the police is illegal in the
UK.

> What you need is a directional dish (greater gain and less noise,) a low
> noise amplifier and block down converter built into the antenna, and a

I've never heard of an amateur SETI station that uses feed point
downconvertors. Cable losses are acceptable at 1.42GHz and an indoor
convertor is likely to be more frequency stable. TVRO systems can
tolerate quite poor stablity.

> receiver that works in the narrow range around the waterhole frequency, say
> 1.4 GHz to 1.44 GHz. Then you need to record the reception or process

Most people "listen" there, but there is no fundamental reason for doing so. Waterhole is used to mean at least three different frequency ranges, one of which is 1000s of MHz wide. I think you mean the neutral hydrogen line (hyperfine transition of atomic hydrogen).

A lot of people want black box level solutions, so, whilst the cheapest solution amounts to a (not quite) simple downconvertor, many, if not most, people use ICOM 7600 microwave scanning receivers. They also have the advantage that they can be used for listening to amateur bands, and, one suspects, other communication bands, if one gets bored with SETI. If the worst comes to the worst, one can also sell it second hand (and if one bought it second hand, one may not lose much, other than the cost of money).

A popular solution for those into radio engineering (and a lot of amateur radio operators these days are not) is to down convert to the 2m amateur band using a fairly conventional convertor, then downconvert to to baseband++ with a direct conversion design (a design called the R2 seems popular).

One proposal, from the UK, is the use of adapted ex-PMR (private mobile radio) equipment. (Such equipment is often adapted for the amateur bands and provides a halfway house between black boxes and constructing from scratch for amateurs who want to get involved with the technology.)

> real-time with a computer. There a PCI cards available for a PC (in the
> $200 US range) that act as a spectrum analyzer. The dish is probably the

The normal amateur SETI configuration uses a sound card and a software spectrum analyzer. For a person just starting, that tends to have a zero marginal cost, and doesn't require access to specialist suppliers. They are also much more comfortable with consumer commodity hardware. Also, although computer hardware goes off in value much faster than radio hardware, there is a second hand market accessible to the hobbyist, so one is not commiting the full cost permanently.

One tends to need to modify standard receiver designs rather a lot (10.7MHz IF output on commercial scanners and much wider filters on direct conversion type designs) before you exceed the capabilities of a modern PC and sound card. Also, most of the sort of software that would be suitable for the average S@H user on these newsgroups is designed for a PC/sound card configuration.

> I've seen a website that advertises LNA's, LNB's, and receivers for SETI.

I'm pretty certain (s)he has already indicated that (s)he is in contact with the primary supplier of amateur 1.42GHz radio astronomy and SETI hardware (Down East). I also believe (s)he has already investigated sources of dishes.

> By the way, the 5.5 m steerable dish I operated for ten years cost about
> $115,000 US and required three-phase 480 volts AC to operate the positioning

3m is the standard size, i.e. ex-C band TVRO. Many people simply fix them pointing at the local zenith.

I tend to get the impression that, whilst they are still learning, the questioner has researched this area better than you have. Amateurs often adapt equipment in ways that professionals would not normally do.

++ baseband is used loosely in as much as it is only strictly meaningful when you know the structure of the signal you are trying to receive.

2639. Re: More questions from me

Newsgroup: rec.radio.amateur.space
Date: 2000-11-03 00:03:31 UTC
From: david@djwhome.demon.co.uk
Message-ID: <T973209802@djwhome.demon.co.uk>
Source record: 8174
Cross-posted to: sci.astro.seti,alt.sci.seti,rec.radio.amateur.space

In article <8tn55dhhm1@gxsn.com>,
Ed Nelson <ednelson@waitrose.com> wrote:

> S/N improves as the square root of the time constant. It's most often done

Provided the signal stays in band. Unless you chirp the local oscillator,
the signal won't stay in band for amateur dish transit times, even with
amateur receiver channel bandwidths (1 to 10Hz). I have a feeling that,
even if you do chirp the local oscillator, the variation in chirp will
take the signal out band.

Although I have reservations, the normal tactic is to integrate for
about a minute numerically, then look for patterns visually, thus
effectively integrating along sequences of spikes. The SETI League
sites has examples.

> with analogue R/C circuits, or can be digital. The former is in basic
> electronic tectbooks, the latter might use something like Simpsons Rule and
> lots of processor power.

Simpson's rule is mainly for hand calculation. Any integration in
this context would be done by simply adding the samples together.
(In particular, Simpson's rule assumes a low order polynomial fit to a
curve, which is not the situation one has here - the measured curve
is noise like.)

> In the unlikely event that our little green mates are using long CW pulses
> to get our attention, an audio setup would miss them.

No, an audio setup is almost essential. SETI is always done with an
SSB type receiver configuration, so a CW signal will come out as a tone,
not a DC component. That tone can be so weak as to be inaudible, but
by running it through an FFT you can isolate the tone.

You do not want total power systems for SETI, only for continuum radio
astronomy.

Amateur SETI, and many professional systems, integrate the output of the
FFT. S@H doesn't, or at least not in a simple way (the gaussian matching
improves S/N in a similar way to integration). The integration is done
digitally, and independently on every channel. I think project Phoenix
also tries varying chirps during the integration, using special hardware.

2640. Re: Use of Ham Callsign on CB

Newsgroup: rec.radio.amateur.space
Date: 2000-11-03 00:13:06 UTC
From: vlfiscus@mcn.net
Message-ID: <t040oulh3s9u33@news.supernews.com>
Source record: 8161
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.space

In article <8tpigl$5ot$1@nnrp1.deja.com>, K0HB <k0hb@my-deja.com> wrote:
>
>Translation from Vince-lish to English: "Hey, you got me there! I
>have no logical answer to your impecable reasoning, so I'm outa here!"
>
>73, de Hans, K0HB

No, debating Cecil or Mary is like trying to pump up a flat tire without first fixing the hole. It doesn't do any good.

I like watching Larry argue with them. He trips them up in their own logic and they fail to see that it happened. lol

73

2641. Re: Use of Ham Callsign on CB

Newsgroup: rec.radio.amateur.space
Date: 2000-11-03 00:17:47 UTC
From: vlfiscus@mcn.net
Message-ID: <t0411oa5bds893@news.supernews.com>
Source record: 8162
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.space

Would you go to a doctor that didn't have to take the whole battery of medical exams? Why?

In article <3A00F923.D988DC6B@bigfoot.com>, CAM <cam2338@bigfoot.com> wrote:
>Dick Carroll wrote:
>> Evidently you can't see how stupid your comment is.
>
>Vince has said that anyone who gets a license after April 2000 is not
>a real ham. That would include hams who accidentally allowed their
>license to expire and took the exams in order to get their license
>back. So don't dare let your license expire, Dick, 'cause Vince says
>you will no longer be a real ham. If you let your license expire and
>go to the trouble of taking the exams to get it back, you will be
>dumbed-down and branded an Extra Lite.

2642. Re: ISS DOWNLINK HEARD IN UK

Newsgroup: rec.radio.amateur.space
Date: 2000-11-03 00:26:47 UTC
From: Richard Jones <Richard.Jones@gw4xxj.demon.co.uk>
Message-ID: <973211233.2956.0.nnrp-09.d4e4103f@news.demon.co.uk>
Source record: 8163
Cross-posted to: alt.radio.scanner.uk,rec.radio.amateur.space

"Eavesdropper" <ian@eavesdropper.worldonline.co.uk> wrote in message
news:3a017930@news.server.worldonline.co.uk...
> At 13:56 pm GMT today I was driving along in the pouring rain and
remembered
> that the russian VHF downlink eqipement was already onboard the ISS so i
> quickly tuned to the old MIR frequency of 143.6250 NFM and low and behold
> they where there, talking in Russian just like the old MIR days.
>
snip

I looked on the heavens-above website and couldn't find any passes over the
UK where did you get your info from?

Regards
Richard

2643. Re: Would this reciever be useful for starting amateur SETI?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-03 00:29:56 UTC
From: david@djwhome.demon.co.uk
Message-ID: <T973211389@djwhome.demon.co.uk>
Source record: 8175
Cross-posted to: sci.astro.seti,alt.sci.seti,rec.radio.amateur.space

In article <8tkqhe$c47$1@plutonium.btinternet.com>,
Kay Bracknell <kayzee12@hotmail.com> wrote:

> Quote from article [by Dr Shuch]:
> sky at any time. To avoid missing the call, we really need about a million
> such radio telescopes, coordinated so as to point in all directions at

You need to realise that each strategy has strengths and weaknesses;
Dr Shuch is stressing the proportion of time for which any target is
observed, because that is the strength of amateur SETI. Its weakness is
a lack of range. He's on a selling mission, trying, at the same time,
to leverage the S@H publicity and stop people abandoning Argus for S@H.

A 300m dish, like Arecibo, has 100 times the range of a 3m dish, and
therefore can sweep 1,000,000 times the volume, for a given transmit
power. However, Arecibo, in SERENDIP type configuration, can only manage
around 12 seconds per target every six or so months, even within its
limited pointing range; if it could point in any direction, it would
take several years to give each target 12 seconds.

If the transmitted signal lasts several years, that doesn't matter, and
Arecibo has a million times better a chance of finding it than an amateur
(assuming it is strong enough for the statistics to be well behaved++).
However, if it only lasts 12 seconds, the chance of the right 12 seconds
being hit is very small (of the order of 1/(50,000,000)).

On the other hand, a relatively small number of 3m dishes can
simultaneously cover the whole sky and only suffer the 1,000,000
sensitivity penalty, not the 5,000,000 right time penalty.
Over-committing the coverage gives you real time confirmation.

The above figures are very order of magnitude and make a lot of
unstated assumptions, but, I believe, the conclusions are right.

For our own high power leakage, 30 minutes might be more reasonable
than 12 seconds, shifting the balance towards the the big dishes,
but still near break-even. (Actually, the reaction time to even
a 30 minute signal wouldn't allow a confirmation observation, so
over-committed small dishes still have an advantage.)

Note that amateur SETI only gets these advantages when done in
a coordinated fashion, and, for example, anyone who insists on only
looking at the "best candidates" will optimise their individual chance
of success but reduce the overall chance.

> Most SETI amateurs swear by the iCom R7000 receiver or similar in the

This is the preferred plug and play solution. Some use home or kit constructed receivers of relatively simple designs, but still having all the required attributes except for frequency agility (which is not actually that much of a priority in the above scenario, as stepping the frequency means that you are not looking at the target for as long as possible).

++ When it is not strong, there may be hundreds of stars in range of Arecibo and none at all in range of a 3m dish. The Argus concept really requires there to be 100s of candidates in the range of the small dishes for the statistics to be well behaved.

2644. Re: Use of Ham Callsign on CB

Newsgroup: rec.radio.amateur.space
Date: 2000-11-03 00:33:43 UTC
From: CAM <cam2338@bigfoot.com>
Message-ID: <3A0207E7.A546EE0D@bigfoot.com>
Source record: 8165
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.space

"Vince Fiscus, KB7ADL" wrote:
> I like watching Larry argue with them. He trips them up in their own logic and
> they fail to see that it happened. lol

Yep, I thought so. You *are* as delusional as Larry. :-)
--
http://www.mindspring.com/~w6rca

2645. Re: ISS DOWNLINK HEARD IN UK

Newsgroup: rec.radio.amateur.space
Date: 2000-11-03 00:35:57 UTC
From: "Edgar J. Kaiser" <edgar.kaiser@t-online.de>
Message-ID: <3A02086D.42257344@t-online.de>
Source record: 8164
Cross-posted to: alt.radio.scanner.uk,rec.radio.amateur.space

Look into the amateur radio satellites section. ISS is listed there for all passes. The ISS section lists only visible passes, i.e. during dusk and dawn. Another nice site is

http://liftoff.msfc.nasa.gov/RealTime/JPass/20/

ISS listed as 'Station'.

Edgar

Richard Jones wrote:

> "Eavesdropper" <ian@eavesdropper.worldonline.co.uk> wrote in message
> news:3a017930@news.server.worldonline.co.uk...
> > At 13:56 pm GMT today I was driving along in the pouring rain and
> remembered
> > that the russian VHF downlink eqipement was already onboard the ISS so i
> > quickly tuned to the old MIR frequency of 143.6250 NFM and low and behold
> > they where there, talking in Russian just like the old MIR days.
> >
> snip
>
> I looked on the heavens-above website and couldn't find any passes over the
> UK where did you get your info from?
>
> Regards
> Richard

2646. Re: Use of Ham Callsign on CB

Newsgroup: rec.radio.amateur.space
Date: 2000-11-03 00:40:54 UTC
From: CAM <cam2338@bigfoot.com>
Message-ID: <3A020996.38F5EA98@bigfoot.com>
Source record: 8166
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.space

"Vince Fiscus, KB7ADL" wrote:
> Would you go to a doctor that didn't have to take the whole battery of medical
> exams?

He's not a doctor until he takes the exams. I would go to a doctor
who took his battery of medical exams after April 15, 2000.

I know some older hams who have forgotten everything technical that
they ever knew. They talk about grid drive for solid state amps.
--
http://www.mindspring.com/~w6rca

2647. Re: ISS DOWNLINK HEARD IN UK

Newsgroup: rec.radio.amateur.space
Date: 2000-11-03 01:44:14 UTC
From: Richard Jones <Richard.Jones@gw4xxj.demon.co.uk>
Message-ID: <973215877.4120.0.nnrp-09.d4e4103f@news.demon.co.uk>
Source record: 8167
Cross-posted to: alt.radio.scanner.uk,rec.radio.amateur.space

"Edgar J. Kaiser" <edgar.kaiser@t-online.de> wrote in message
news:3A02086D.42257344@t-online.de...
> Look into the amateur radio satellites section. ISS is listed there for
all
> passes. The ISS section lists only visible passes, i.e. during dusk and
dawn.
> Another nice site is
>
> http://liftoff.msfc.nasa.gov/RealTime/JPass/20/
>
> ISS listed as 'Station'.
>
> Edgar
>
>

Hi Edgar
That's great. Thanks for the info.
Richard

2648. Re: VHF air-to-ground on USA East coast too...

Newsgroup: rec.radio.amateur.space
Date: 2000-11-03 02:20:37 UTC
From: Tim <tthomps@nospam.erols.com>
Message-ID: <8tt7d8$n6m$1@bob.news.rcn.net>
Source record: 8168
Cross-posted to: sci.space.station,rec.radio.amateur.space

Yes, the Wallops, White Sands, and Dryden VHF communications sites
are all active for ISS.

Tim

Will Marchant wrote in message <3A019E4B.9D2A8A64@amsat.org>...
>Hi Folks:
>It appears that the NASA Wallops VHF relay facility is now active
>again! I've been copying a nice pass of the ISS on 143.625 MHz. Try
>listening if you live in the mid-Atlantic area...
>
>--
>Will Marchant
>marchant@ssl.berkeley.edu http://chips.ssl.berkeley.edu/~marchant/
>kc6rol@amsat.org New==>http://home.earthlink.net/~willmarchant/

2649. Re: Use of Ham Callsign on CB

Newsgroup: rec.radio.amateur.space
Date: 2000-11-03 03:27:14 UTC
From: Ralph Mowery <rmowery@dialpoint.net>
Message-ID: <3A023092.E2FB05D5@dialpoint.net>
Source record: 8169
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.space

There are many doctors that have taken the medical exams that I would
not go to.
Lots of times their nurses can make a beter call.

"Vince Fiscus, KB7ADL" wrote:
>
> Would you go to a doctor that didn't have to take the whole battery of medical
> exams? Why?
>
>

2650. Re: Use of Ham Callsign on CB

Newsgroup: rec.radio.amateur.space
Date: 2000-11-03 04:02:43 UTC
From: Phil Kane <Phil.Kane@nospam.spam>
Message-ID: <cuvyxnansvbet.g3fbhk3.pminews@ca.news.verio.net>
Source record: 8170
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.space

On Thu, 02 Nov 2000 22:27:14 -0500, Ralph Mowery wrote:

>There are many doctors that have taken the medical exams that I would
>not go to.
>Lots of times their nurses can make a beter call.

Lots of times their office cleaning lady can make a better call
than either.

73 de Phil Kane - K2ASP

2651. Re: Satellite footprint searching programs

Newsgroup: rec.radio.amateur.space
Date: 2000-11-03 05:29:14 UTC
From: Marc Passy <mpassy#no_spam#@houston.rr.com>
Message-ID: <3A024D26.1FE68EAB@houston.rr.com>
Source record: 8171
Cross-posted to: aus.radio.amateur.misc,rec.radio.amateur.space

cosrologist@hotmail.com wrote:
>
> Gday,
>
> I have been trying to locate any DOS/Win9x/Linux satellite
> tracking programs that will allow me to specify two locations on earth
> and then search for passes where the footprint of a satellite covers
> both of the points.
>
> I'm in a remote location and I can't seem to find any amateur satellites
> that have a footprint large enough to go from wher I am to Australia or
> South Africa.
>
> Cheers,
>
> Kym
> VK0UFO
>
> Sent via Deja.com http://www.deja.com/
> Before you buy.

I use STK (Satellite Tool Kit) Pro at work, but I'm pretty sure the free
version has what you want. Try http://www.stk.com for downloads.

(And don't ask how much Pro is. If you have to ask, you can't afford
it.)

--
To reply, remove two pounds of spam-proofing.
My Opinions are all my own. Nobody else, especially the
people I work for, wants to claim them.

"At the core of the risk-free society is a self-indulgent failure of
nerve."
Edwin "Buzz" Aldrin, 1999

2652. Re: This works!

Newsgroup: rec.radio.amateur.space
Date: 2000-11-03 06:56:42 UTC
From: Schneider <js@sprintmail.com>
Message-ID: <3A026193.B47B936E@sprintmail.com>
Source record: 8172

Sat Scape seams to to the job. Thanks! slows down the computer but tracks well and the "voice" tracking works well also.

Thanks.

Jeff
--
http://www.homestead.com/KK5UFO/

2653. What is intermediate frequency?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-03 07:41:34 UTC
From: Bookvous <bookvous@optushome.com.au>
Message-ID: <O_tM5.4425$KY1.11647@news1.rivrw1.nsw.optushome.com.au>
Source record: 8173
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.space

What is intermediate frequency?
What is tuning resolution, is it the same as bandwidth?

Thans in advance,
--
Bookvous
ICQ# - 748303

2654. Re: What is intermediate frequency?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-03 09:19:44 UTC
From: 'Doc <w5lz@oio.net>
Message-ID: <3A028330.BD06101F@oio.net>
Source record: 8188
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.space

Bookvous wrote:
>
> What is intermediate frequency?
> What is tuning resolution, is it the same as bandwidth?
>
> Thans in advance,
> --
> Bookvous
> ICQ# - 748303

Book',
An intermediate frequency is a frequency that when
mixed with the incoming signal frequency, produces a
third frequency which would be in a frequency range
that you wish. The third frequency being easier to
manipulate (for what ever reason) than the original
one.
Tuning resolution means how small of a change in
frequency can be made by moving the tuning knob. The
lowest frequency division that the radio is capable of
making. It is not the same as bandwidth.
'Doc

2655. Power masthead pre-amp through separte PA

Newsgroup: rec.radio.amateur.space
Date: 2000-11-03 10:22:20 UTC
From: PPAK <ppakotze@ing.sun.ac.za>
Message-ID: <3A0291DC.7E8D4161@ing.sun.ac.za>
Source record: 8189

Hallo I have been trying to modify a Tokyo UHF power amp to power a masthead Icom pre amp.

Normally the Icom pre amp receive 12V from the transceiver to switch on the pre amp for reception. When the PTT on the transceiver is pressed this 12V is removed to bypass the sensitive low noise transistor stage. The UHF PA is not DC connected so by inserting the UHF PA no power is available from the transceiver to the masthead pre amp.

The UHF PA I am using has an internal pre amp which automatically senses RF to switch the internal pre amp in and out. My first attempt used the power supply from this internal pre amp to power the masthead pre amp as well. This method cost met two new low noise transistors in the masthead pre amp! I connected the power supply from the internal pre amp to the antenna input of the UHF PA through some RF chokes beads and diodes to keep RF out of the power supply circuitry. On the workbench I can see and hear the masthead relays clicking in and out. Somewhere some RF must still be getting into the low noise transistor as they are still destroyed.

As a second attempt I am going to try and use the 12V from the transceiver to power the masthead pre amp by making a DC bypass around the UHF PA. I am thinking of using a 1/4 wave coax line from the UHF PA transceiver side 'shorted' with a capacitor to ground and from the capacitor to the UHF PA antenna side another 1/4 wave. My thinking is that this will block the RF intended to go the normal route through the UHF PA but will allow the DC from the transceiver to still switch the masthead pre amp.

Is this possible? Bandwidth might be a bit narrow but then this is only intended for satellite use. Or are there more reliable ways? (Am I reinventing the wheel?) Any info will be most welcome.

73
Pieter (ZS1PK)

2656. SETI: Why the "Waterhole" Freq, Anyways?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-03 10:36:10 UTC
From: "David L. Stinson" <arc5@ix.netcom.com>
Message-ID: <3A02951A.FD997D46@ix.netcom.com>
Source record: 8190

Everyone says to listen at the hydrogen absorption freq
of 1.4 GHz to 1.44 GHz. Since there's more hydrogen
around then anything else, seems like most of any energy
at that freq would go to exciting hydrogen atoms.
Small wonder it's so "quiet."

Why this freq? Seems an ambigious, even anthropomorphic choice
to me. I'd think if ET were out there, he'd probably be using
a whole lot of other freqs, just like we do.

2657. Re: Power masthead pre-amp through separte PA

Newsgroup: rec.radio.amateur.space
Date: 2000-11-03 10:38:07 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9055cf.ub6.nomail@linux.pe1chl.ampr.org>
Source record: 8193

My guess is that your amplifier is too slow in automatically sensing RF and the masthead amp is destroyed by that short time the power is going straight through.

This essentially cannot be solved. The RF that is being detected for switchover purposes is always going through to the masthead amp, and while the time may be reduced it can never be zero.

What you should do is use the DC power from the transceiver to key the amplifier and switch the relays in the masthead. Get some DC from the input, and use it to key everything and to provide DC on the output.

The drop of DC power will precede the RF output, and so everything switches in the right sequence.

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

2658. Re: What is intermediate frequency?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-03 11:04:37 UTC
From: Richard McCollum <rmccoll@radiks.net>
Message-ID: <gXwM5.8193$Q92.215339@nntp2.onemain.com>
Source record: 8191
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.space

"Bookvous" <bookvous@optushome.com.au> wrote in message
news:O_tM5.4425$KY1.11647@news1.rivrw1.nsw.optushome.com.au...
> What is intermediate frequency?
> What is tuning resolution, is it the same as bandwidth?
>
> Thans in advance,
> --
> Bookvous
> ICQ# - 748303
>
>

Every receiver -- very few exceptions -- takes whatever frequency you want to listen to and converts it to another one. This is because it is easier to build in features like filters and for that matter the 10 billion or so gain or amplification factor you need to do radio right if the frequency it has to work at is known. So your AM radio converts to 455 khz, your FM uses 10.7 MHz, and whatever TV channel you are watching ends up with the picture at 45.75 MHz and the sound at 41.75 in the US at least (I note the au). Because of manufacturing and cost considerations, these i.f. freqs are fairly universal. Think of it as a single freq radio with a variable tuner hung on the front end that handles different frequencies by converting them to whatever the real radio behind it wants, the intermediate frequency.

Tuners these days do things in steps rather than the continuous tuning of yesteryear. So tuning resolution is really the size of the steps it takes. For AM, nine or ten KHz depending on where you live is great, FM is in 100 or 200 kHz steps, TV can be in six, seven, or eight MHz steps. Shortwave can be done in 5 KHz steps and get most of what is on but it is better done in .5 or 1 kHz steps. Where the pilot method of frequency assignment is used (pile it here, pile it there) as on the ham bands, 0.1kHz steps are needed. If you want to do SSB, there is a continuously variable thingee in there somewhere.

Don't get the idea that a smaller resolution is necessarily better for all purposes. Tuning across the entire 25 meter band .1kHz at a time will give you carpel tunnel holding the knob and cause you to forget why you turned the knob to begin with. Most amateur gear depending on your touch on the knob can do .1 but kicks it up to get across the band sometime while you are still alive.

Hope all of this makes some kind of sense.

2659. Re: SETI: Why the "Waterhole" Freq, Anyways?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-03 11:15:54 UTC
From: hamish@cloud.net.au
Message-ID: <K7xM5.9048$Xx3.39642@news1.eburwd1.vic.optushome.com.au>
Source record: 8192

David L. Stinson <arc5@ix.netcom.com> wrote:
> Why this freq? Seems an ambigious, even anthropomorphic choice
> to me. I'd think if ET were out there, he'd probably be using
> a whole lot of other freqs, just like we do.

I thought the theory was that any distant intelligent alien
would be deliberately transmitting on this frequency (because
it's constant and hydrogen is so simple etc) to attract the
attention of slightly less intelligent aliens like ourselves.

Note that we don't transmit on this frequency ourselves
to attract slightly less intelligent again aliens, so
I wonder if this theory is really any good.

Hamish
--
Hamish Moffatt VK3SB <hamish@debian.org> <hamish@cloud.net.au>

2660. Re: VHF air-to-ground on USA East coast too...

Newsgroup: rec.radio.amateur.space
Date: 2000-11-03 11:51:54 UTC
From: TomR@astro.net
Message-ID: <3a02a68b.56160855@news.idsi.net>
Source record: 8194
Cross-posted to: sci.space.station,rec.radio.amateur.space

On Thu, 02 Nov 2000 17:03:05 GMT, Will Marchant <kc6rol@amsat.org>
wrote:

>Hi Folks:
>It appears that the NASA Wallops VHF relay facility is now active
>again! I've been copying a nice pass of the ISS on 143.625 MHz. Try
>listening if you live in the mid-Atlantic area...
>
>--
>Will Marchant
>marchant@ssl.berkeley.edu http://chips.ssl.berkeley.edu/~marchant/
>kc6rol@amsat.org New==>http://home.earthlink.net/~willmarchant/

I thought that was the Russian ground control freqency? Or is it
used by Wallops as well?

Tom - KB2SMS

2661. Re: What is intermediate frequency?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-03 14:15:51 UTC
From: AC6V <ac6v@ix.netcom.com>
Message-ID: <3A02C897.A39024C8@ix.netcom.com>
Source record: 8195
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.space

Bookvous wrote:

> What is intermediate frequency?
> What is tuning resolution, is it the same as bandwidth?
>
> Thans in advance,
> --
> Bookvous
> ICQ# - 748303

IF - Intermediate Frequency -- Intermediate frequency, resultant
frequency from heterodyning the carrier
frequency with an oscillator, mixing incoming signals to an
intermediate frequency enhances amplification,
filtering and the processing signals. It is desirable to have more
than one IF. (Dual conversion, triple conversion etc)
For example in an AM radio when you tune to 1600kHz -- this is beat
against a local oscillator to yield an intermediate frequency of 455kHz,
this is fed to a detector which strips off the audio frequency.

This scheme is termed A "Superheterodyne Receiver"

For more on "How a Radio Works -- see URL:
http://www.ezlink.com/~crash/parks/hetbasic.html#suphetblk
AND
http://www.electronics-tutorials.com/receivers/receivers.htm

In modern radios, rather than analog (continuos tuning), synthesized
tuning is used and it tunes in steps (5kHz, 2kHz, 1kHz, etc.) --- this
is tuning resolution -- has nothing to do with bandwidth.

Bandpass or bandwidth is the range of frequencies permitted to pass
through a filter or receiver circuit. AM requires about 5kHz, SSB
requires about 2.5 kHz and FM needs about 15 kHz.
--
73 from Rod in Oceanside, CA
AC6V Ham And DX Guide
http://www.ac6v.com/
Over 870,000 hits on the counter

2662. Re: VHF air-to-ground on USA East coast too...

Newsgroup: rec.radio.amateur.space
Date: 2000-11-03 14:19:34 UTC
From: sbcmusic@aol.com
Message-ID: <20001103091934.02361.00000583@nso-cl.aol.com>
Source record: 8196

In article <8tt7d8$n6m$1@bob.news.rcn.net>, "Tim" <tthomps@nospam.erols.com>
writes:

>Yes, the Wallops, White Sands, and Dryden VHF communications sites
>are all active for ISS.
>
>Tim

Do you know of any sites or relays in the Central Indiana area? (I'm kind of
new at this so not sure where to look for the info)

Thanks,
Rick N9GSU

2663. Re: Would this reciever be useful for starting amateur SETI?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-03 16:38:19 UTC
From: "Alfred A. Aburto Jr." <aburto@cts.com>
Message-ID: <8tupmlpua1@thoth.cts.com>
Source record: 8197
Cross-posted to: sci.astro.seti,alt.sci.seti,rec.radio.amateur.space

Hi David,

That is a good discussion.

I'd add though that there is the possiblity too
that a civilization that "really" (REALLY) wanted
to make themselves known to others in the Galaxy
would transmit a powerful signal detectable easily
by even a 3 or 5 meter dish. They wouldn't make
it hard to detect! They would make it as easy as
possible within reasonable physical limits. One limit
would be power/energy used since they'd not want
to "fry" the local planet or nearby lifeforms for
example ... :-) Beaming a signal makes sense. A
CW tone or tones makes sense. Perhaps a square
wave to get broadband coverage makes sense. A
signal of "sufficient" duration (pulse(s)) makes sense.
Transmitting in the water-hole region makes sense ...

Well, if in fact a signal that was easy to detect was
transmitted then the SETI League approach (when it
reaches fruition) makes great sense! They'll be sure
to make first contact I think.

Al

> "David Woolley" <david@djwhome.demon.co.uk> wrote in message
news:T973211389@djwhome.demon.co.uk...
> In article <8tkqhe$c47$1@plutonium.btinternet.com>,
> Kay Bracknell <kayzee12@hotmail.com> wrote:
>
> > Quote from article [by Dr Shuch]:
> > sky at any time. To avoid missing the call, we really need about a
million
> > such radio telescopes, coordinated so as to point in all directions at
>
> You need to realise that each strategy has strengths and weaknesses;
> Dr Shuch is stressing the proportion of time for which any target is
> observed, because that is the strength of amateur SETI. Its weakness is
> a lack of range. He's on a selling mission, trying, at the same time,
> to leverage the S@H publicity and stop people abandoning Argus for S@H.
>
> A 300m dish, like Arecibo, has 100 times the range of a 3m dish, and
> therefore can sweep 1,000,000 times the volume, for a given transmit
> power. However, Arecibo, in SERENDIP type configuration, can only manage

> around 12 seconds per target every six or so months, even within its
> limited pointing range; if it could point in any direction, it would
> take several years to give each target 12 seconds.
>
> If the transmitted signal lasts several years, that doesn't matter, and
> Arecibo has a million times better a chance of finding it than an amateur
> (assuming it is strong enough for the statistics to be well behaved++).
> However, if it only lasts 12 seconds, the chance of the right 12 seconds
> being hit is very small (of the order of 1/(50,000,000)).
>
> On the other hand, a relatively small number of 3m dishes can
> simultaneously cover the whole sky and only suffer the 1,000,000
> sensitivity penalty, not the 5,000,000 right time penalty.
> Over-committing the coverage gives you real time confirmation.
>
> The above figures are very order of magnitude and make a lot of
> unstated assumptions, but, I believe, the conclusions are right.
>
> For our own high power leakage, 30 minutes might be more reasonable
> than 12 seconds, shifting the balance towards the the big dishes,
> but still near break-even. (Actually, the reaction time to even
> a 30 minute signal wouldn't allow a confirmation observation, so
> over-committed small dishes still have an advantage.)
>
> Note that amateur SETI only gets these advantages when done in
> a coordinated fashion, and, for example, anyone who insists on only
> looking at the "best candidates" will optimise their individual chance
> of success but reduce the overall chance.
>
> > Most SETI amateurs swear by the iCom R7000 receiver or similar in the
>
> This is the preferred plug and play solution. Some use home or
> kit constructed receivers of relatively simple designs, but still
> having all the required attributes except for frequency agility
> (which is not actually that much of a priority in the above scenario,
> as stepping the frequency means that you are not looking at the
> target for as long as possible).
>
> ++ When it is not strong, there may be hundreds of stars in range
> of Arecibo and none at all in range of a 3m dish. The Argus concept
> really requires there to be 100s of candidates in the range of the
> small dishes for the statistics to be well behaved.

2664. Re: VHF air-to-ground on USA East coast too...

Newsgroup: rec.radio.amateur.space
Date: 2000-11-04 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn907o14.lv3.nomail@linux.pe1chl.ampr.org>
Source record: 8004
Cross-posted to: sci.space.station,rec.radio.amateur.space

TomR@astro.net <TomR@astro.net> wrote:
>>>>Hi Folks:
>>>>It appears that the NASA Wallops VHF relay facility is now active
>>>>again! I've been copying a nice pass of the ISS on 143.625 MHz. Try
>>>>listening if you live in the mid-Atlantic area...

>>> I thought that was the Russian ground control freqency? Or is it
>>>used by Wallops as well?

>>>Tom - KB2SMS

>>Maybe you have missed it, but these days the Russians and Americans are
>>co-operating on the same space station.

>>Rob

> I haven't missed it at all. Mir has used that frequency also. You'll
>note that you mostly (if not all the time) hear Russian spoken on that
>freqency. On the 2 passes I caught today they spoke only Russian. My
>bet is they are talking to the Russian ground control. Of coarse they
>could be sharing the freqency with Wallops as well.

It is called a "relay facility". What would that mean?

There are now two Russians and one American on board. What language would
you guess they would speak?
Sometimes they talk to NASA ground control, also when over the Russian
coverage area. There is of course a link between the two ground control
facilities (via the normal telephone network I presume) and the audio
can be transferred back and forth.

Furthermore, the Russian communications system is a simple fullduplex
narrowband FM VHF transceiver. Just like one we all have at home for 2M
use, except it operates fullduplex.

The American system is a complex digital thing that multiplexes data, video
and voice on a microwave link that is uplinked to the TDRS satellites.

So, in these days during the initial assembly of the station, the Russian
system came up with the flick of a switch, and the American system needs
more work. It also resides in the American module that is not habitable
because there is not enough power available to heat it. That is why they
are now using the Russian system, accepting the fact that there are
those short "comms passes" in which all info has to be exchanged.

Soon, the American system will be brought online via some temporary cabling
so that they can use it from the Russian part of the system. Maybe that

already happened, I heard them talking about it yesterday.
Later this month, there will be extra solar panels launched to the station,
and the American module can be heated and used.

The crew is now very busy doing all kinds of assembly and cabling work like
this.

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

2665. Re: Would this reciever be useful for starting amateur SETI?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-04 00:00:00 UTC
From: david@djwhome.demon.co.uk
Message-ID: <T973334260@djwhome.demon.co.uk>
Source record: 8005
Cross-posted to: sci.astro.seti,alt.sci.seti,rec.radio.amateur.space

In article <8tki1ikit1@gxsn.com>,
From: "Ed Nelson" <ednelson@waitrose.com>

> Possibly it would work, but with any receiver you'll have to tap off the
> final IF output and rectify and amplify it without using blocking
> capacitors - i.e.no audio circuits. That involves taking a soldering iron to
> an expensive piece of kit. I'd be happier doing that in a stand alone
> device, not connected to a PC.

In an SSB configuration, at least in terms of what the circuitry is doing,
one can argue that the final IF is the audio output, and that's basically
how all amateur SETI systems, except those by real radio engineers, get
their signal into the spectrum analysis. (There is a mismatch though, in
that SSB configurations normally have rather narrower filters than those
needed to fully exploit a sound card. It would be interesting to know
whether the WinRadio allows filter bandwidths to be varied independently
of mode.)

If you use sound card bandwidth, and a pure CW signal comes out as a 10kHz
audio tone, one can reasonably say that the final IF is 10kHz. The audio
only really ceases to be another IF when you know what the baseband signal
was supposed to look like and the the receiver is configured to reproduce
that signal.

> CW audio output run into your PC's sound card might do the job at a pinch

I think you mean SSB, although using the names of modulation methods as
labels for the signal processing normally used for them causes confusion
in amateur SETI discussions, because it makes people think you are trying
to detect SSB, whereas the SSB configuration is the right configuration
for AM, FM (low modulation index) and pure beacons, and SSB is not easy
to detect.

> but I wouldn't recomend it. Realy what you need is an unambiguous
> indication of the radio power reaching your feed, and that means measuring

For SETI you need the power in multiple channels that are as narrow as
the receiver stability will allow. That means you must take an audio
(or IF) feed and signal process it. Total power configurations are only
suitable for conventional radio astronomy.

> the voltage at the IF.Also it's imperative that the AGC can be disabled .

AGC is an issue, although one can work around it by keeping the signal
level low (one just needs to dominate the receiver noise). There is
definitely information around on disabling it for ICOM 7600s, but it

gets more difficult on other receivers. A true amateur radio receiver will have circuit details available (although there are a lot of black box operators these days).

The other approach to AGC, for pure SETI, is to totally overload the final stages of the receiver. This is what SETI@Home does. AGC in the S@H (SERENDIP) receiver, will have negligible effect on the work units, because they only contain the sign of the output voltage, not its amplitude. In fact, the total power in S@H work units is always the same!

> secondary in importance. and if you use a cold reference type system, you
> can null out gain drifts, and improve sigan to noise ratio.

SETI uses adjacent channels as the reference (although many people want to know how good their receivers are and do do total power measurments on the Sun for calibration).

> Being boring for a minute, it sounds a fun project, but to maximise
> mankind's (already slim) chances of catching a real live Little Green
> Critter in our lifetimes you might still be more realistic buying a faster
> processor(s) to run S@H!

It is important to understand the limitations of small dishes, and their advantages, but I'd suggest that contributing to the funds of professional researchers would be more effective than buying computing hardware for S@H.

I'd tend to agree that spending this amount of money is unrealistic for most people if the objective is purely amateur SETI, although I'd note that one company that sells war type games to teenagers in the UK, expects to receive GBP 2,000 from each customer during their teenage years.

As a vehicle for learning about electronics, radio, engineering, project management etc. it can be rather different.

Please read the SETI League web site in detail. You will find that a lot of things that you say won't are actually being done, and are often the best choice given the people who are using them.

2666. Re: Would this reciever be useful for starting amateur SETI?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-04 00:00:00 UTC
From: "Alfred A. Aburto Jr." <aburto@cts.com>
Message-ID: <8u15l0$1lpt$1@thoth.cts.com>
Source record: 8006
Cross-posted to: sci.astro.seti,alt.sci.seti,rec.radio.amateur.space

David,
It is the ICOM IC-R7100 (old) scanner right?
Or the IC-R8500 (new).

Search as R7100 or R8500 on ICOM's web site ...

These receivers are expensive I believe. Another
option would be the Radio Astronomy receivers
build by "Radio Astronomy Supplies" (see the
SETI League web site) ...

Al

"David Woolley" <david@djwhome.demon.co.uk> wrote in message
news:T973334260@djwhome.demon.co.uk...
> In article <8tki1ikit1@gxsn.com>,
> From: "Ed Nelson" <ednelson@waitrose.com>
>
> > Possibly it would work, but with any receiver you'll have to tap off the
> > final IF output and rectify and amplify it without using blocking
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> that SSB configurations normally have rather narrower filters than those
> needed to fully exploit a sound card. It would be interesting to know
> whether the WinRadio allows filter bandwidths to be varied independently
> of mode.)
>
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> audio tone, one can reasonably say that the final IF is 10kHz. The audio
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> was supposed to look like and the the receiver is configured to reproduce
> that signal.
>
> > CW audio output run into your PC's sound card might do the job at a
pinch
>
> I think you mean SSB, although using the names of modulation methods as

> labels for the signal processing normally used for them causes confusion
> in amateur SETI discussions, because it makes people think you are trying
> to detect SSB, whereas the SSB configuration is the right configuration
> for AM, FM (low modulation index) and pure beacons, and SSB is not easy
> to detect.
>
> > but I wouldn't recomend it. Realy what you need is an unambiguous
> > indication of the radio power reaching your feed, and that means
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>
> For SETI you need the power in multiple channels that are as narrow as
> the receiver stability will allow. That means you must take an audio
> (or IF) feed and signal process it. Total power configurations are only
> suitable for conventional radio astronomy.
>
> > the voltage at the IF.Also it's imperative that the AGC can be disabled
.
>
> AGC is an issue, although one can work around it by keeping the signal
> level low (one just needs to dominate the receiver noise). There is
> definitely information around on disabling it for ICOM 7600s, but it
> gets more difficult on other receivers. A true amateur radio receiver
> will have circuit details available (although there are a lot of black
> box operators these days).
>
> The other approach to AGC, for pure SETI, is to totally overload the
> final stages of the receiver. This is what SETI@Home does. AGC
> in the S@H (SERENDIP) receiver, will have negligible effect on the
> work units, because they only contain the sign of the output voltage,
> not its amplitude. In fact, the total power in S@H work units is
> always the same!
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> > secondary in importance. and if you use a cold reference type system,
you
> > can null out gain drifts, and improve sigan to noise ratio.
>
> SETI uses adjacent channels as the reference (although many people want
> to know how good their receivers are and do do total power measurments
> on the Sun for calibration).
>
> > Being boring for a minute, it sounds a fun project, but to maximise
> > mankind's (already slim) chances of catching a real live Little Green
> > Critter in our lifetimes you might still be more realistic buying a
faster
> > processor(s) to run S@H!
>
> It is important to understand the limitations of small dishes, and their
> advantages, but I'd suggest that contributing to the funds of professional
> researchers would be more effective than buying computing hardware for
> S@H.

>
> I'd tend to agree that spending this amount of money is unrealistic for
> most people if the objective is purely amateur SETI, although I'd note
that
> one company that sells war type games to teenagers in the UK, expects to
> receive GBP 2,000 from each customer during their teenage years.
>
> As a vehicle for learning about electronics, radio, engineering, project
> management etc. it can be rather different.
>
> Please read the SETI League web site in detail. You will find that a lot
> of things that you say won't are actually being done, and are often the
> best choice given the people who are using them.

2667. Re: Would this reciever be useful for starting amateur SETI?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-04 00:00:00 UTC
From: jlazio@patriot.net
Message-ID: <m23dh7it0q.fsf@patriot.net>
Source record: 8007
Cross-posted to: sci.astro.seti,alt.sci.seti,rec.radio.amateur.space

>>>>> "AAA" == Alfred A Aburto <aburto@cts.com> writes:

AAA> I'd add though that there is the possiblity too that a
AAA> civilization that "really" (REALLY) wanted to make themselves
AAA> known to others in the Galaxy would transmit a powerful signal
AAA> detectable easily by even a 3 or 5 meter dish. They wouldn't make
AAA> it hard to detect!

Then there's a problem. Horowitz & Sagan (1993) showed that the META results imply no "supercivilizations" in the Milky Way. Specifically, they showed that there are no Kardeshev Type II civilizations transmitting at 1420 MHz in the Milky Way. Now, there are a couple of important qualifiers on that conclusion

* Horowitz & Sagan searched only the northern sky. The southern sky was not searched, so they missed portions of the Milky Way in which potential Type II civs might live.
* They assume that the civilization is transmitting continuously. If the transmission is modulated in time, then H&S could have missed it.

For more details, consult Section 5 of Horowitz & Sagan which should be available online through NASA's ADS.

--
Lt. Lazio, HTML police | e-mail: jlazio@patriot.net
No means no, stop rape. | http://patriot.net/%7Ejlazio/
sci.astro FAQ at http://sciastro.astronomy.net/sci.astro.html

2668. Re: ISS DOWNLINK HEARD IN UK

Newsgroup: rec.radio.amateur.space
Date: 2000-11-04 00:00:00 UTC
From: N1RZ <n1rz@timhavens.com>
Message-ID: <cMYM5.8729$BW2.307348@news-east.usenetserver.com>
Source record: 8008
Cross-posted to: alt.radio.scanner.uk,rec.radio.amateur.space

Here is my recording of an over head pass from this morning around 10am EST
11/4/2000.

It's in RealAudio format and is 704kb. 5 minutes long.

http://www.timhavens.com/n1rz/ISS/iss-1.ra

I copied this using an FT-847 and a moble 2M whip antenna mounted about 2'
from the rig on my bench. Their signal was about +20 to +40db over S9!!!
Almost the entire pass.

There are a few small quiet gaps in the recording lasting only a second or
two...please ignore them ;)

I recorded this using a Video camera, as it was the only thing I had
available to record audio at the time. I converted it to WAV format and
then to a RealAudio format.

Hope you enjoy it.

Tim Havens (N1RZ)

"Eavesdropper" <ian@eavesdropper.worldonline.co.uk> wrote in message
news:3a017930@news.server.worldonline.co.uk...
> At 13:56 pm GMT today I was driving along in the pouring rain and
remembered
> that the russian VHF downlink eqipement was already onboard the ISS so i
> quickly tuned to the old MIR frequency of 143.6250 NFM and low and behold
> they where there, talking in Russian just like the old MIR days.

2669. Re: STS-106 / ISS radio traffic

Newsgroup: rec.radio.amateur.space
Date: 2000-11-04 00:00:00 UTC
From: N1RZ <n1rz@timhavens.com>
Message-ID: <VVYM5.9069$BW2.309929@news-east.usenetserver.com>
Source record: 8009

5 min recording as they passed over this morning...in RealAudio 8 format (704kb).

http://www.timhavens.com/n1rz/ISS/iss-1.ra

They were +20 to +40db over S9 on my FT-847 using a Diamond SG7900 mobile antenna sitting on my desktop on my house about 2' from the rig ;-)

AMAZINGLY strong.

Tim (N1RZ)
"Bj&#65533;rn Axelsson" <bjorn.axelsson@swipnet.se> wrote in message news:3A01B720.DC7B26AD@swipnet.se...
> Hi!
>
> Anyone out there knows the freq.
> off the talking traffic between the
> STS-106 / ISS and the erath based
> stations?
>
> Thanks in advance.
> Bj&#65533;rn Axelsson
>

2670. Re: STS-106 / ISS radio traffic

Newsgroup: rec.radio.amateur.space
Date: 2000-11-04 00:00:00 UTC
From: Eavesdropper <ian@eavesdropper.worldonline.co.uk>
Message-ID: <3a047cd4@news.server.worldonline.co.uk>
Source record: 8010

> The Americans use digital microwave systems via relay satellites, you won't
> be able to listen in on those.

Hmmm, never say never :-), you never know !.

ian

2671. Re: RS15 Alive

Newsgroup: rec.radio.amateur.space
Date: 2000-11-04 00:00:00 UTC
From: N1RZ <n1rz@timhavens.com>
Message-ID: <t22N5.12917$BW2.406110@news-east.usenetserver.com>
Source record: 8011

I have a 10 minute recording of RS15 going over my location tonight....after I read your post....thought I'd give it a listen.

I wished I'd had an outside preamp on my G5RV but you can definately make out a fair bit of the CW beacon on 29.352.

If you are interested in hearing what I've recorded try this URL but make sure you have RealAudio installed. The 10minute pass is about 1.2Mb in size....but RealAudio streams it out to you....

Give it a try....if you want.....I still haven't decoded the CW at this point...just finished the recording...and I'm about to post it on my website.

Look for the RS15 recording on the following URL:

http://timhavens.com/n1rz/RS15/Rs15-200011051205.ra

PS - the first 5 minutes are kinda lame....then for about 1 minute you can hear my dog come in the room....with RS15 in the foreground still but copy is still pretty good.

<treynolds@email.exide.com> wrote in message
news:8tqu2ebiq1@nnrp1.deja.com...
> I have been working the analog sats for about three years now. During
> that time I have caught RS15 operational about four times. Last night
> I was driving home from work, 10 meters was dead so I turned the
> squelch down and set it to scan the 10 meter band. It stopped at
> 29.352 on a rather weak CW signal. I thought it might be the RS15
> beacon so when I got home I checked and, sure enough, it was making a
> pass over central US at that time.
>
> Tom
>
>
> Sent via Deja.com http://www.deja.com/
> Before you buy.

2672. Re: Would this reciever be useful for starting amateur SETI?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-04 00:00:00 UTC
From: "Alfred A. Aburto Jr." <aburto@cts.com>
Message-ID: <8u2ara$2k3o$1@thoth.cts.com>
Source record: 8012
Cross-posted to: sci.astro.seti,alt.sci.seti,rec.radio.amateur.space

Hi Joseph,

I was thinking we were capable (maybe not willing,
but capable) of transmitting CW tones/pulses easily
detectable across the Galaxy by even a small
antenna.

I'll check into this. Maybe I wrong ...

The only thing I'd worry about is the power at short
ranges. It might be hazardous to objects crossing
into the beam (spaceships, satellites, airplanes, ...).
There is probably a maximum acceptable/safe
transmit power, but I'm not sure how to specify
that ...

Al

> "T. Joseph W. Lazio" <jlazio@patriot.net> wrote in message
news:m23dh7it0q.fsf@patriot.net...
> >>>>> "AAA" == Alfred A Aburto <aburto@cts.com> writes:
>
> AAA> I'd add though that there is the possiblity too that a
> AAA> civilization that "really" (REALLY) wanted to make themselves
> AAA> known to others in the Galaxy would transmit a powerful signal
> AAA> detectable easily by even a 3 or 5 meter dish. They wouldn't make
> AAA> it hard to detect!
>
> Then there's a problem. Horowitz & Sagan (1993) showed that the META
> results imply no "supercivilizations" in the Milky Way. Specifically,
> they showed that there are no Kardeshev Type II civilizations
> transmitting at 1420 MHz in the Milky Way. Now, there are a couple of
> important qualifiers on that conclusion
>
> * Horowitz & Sagan searched only the northern sky. The southern sky
> was not searched, so they missed portions of the Milky Way in which
> potential Type II civs might live.
> * They assume that the civilization is transmitting continuously. If
> the transmission is modulated in time, then H&S could have missed
> it.
>
> For more details, consult Section 5 of Horowitz & Sagan which should
> be available online through NASA's ADS.
>
> --

> Lt. Lazio, HTML police | e-mail: jlazio@patriot.net
> No means no, stop rape. | http://patriot.net/%7Ejlazio/
> sci.astro FAQ at http://sciastro.astronomy.net/sci.astro.html

2673. Re: Would this reciever be useful for starting amateur SETI?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-04 00:07:00 UTC
From: "D.A.Kopf" <dak@dakx.com>
Message-ID: <3A0345B8.A0AFE41A@dakx.com>
Source record: 8198
Cross-posted to: sci.astro.seti,alt.sci.seti,rec.radio.amateur.space

Alfred A. Aburto Jr. wrote:
>
> I'd add though that there is the possiblity too
> that a civilization that "really" (REALLY) wanted
> to make themselves known to others in the Galaxy
> would transmit a powerful signal detectable easily
> by even a 3 or 5 meter dish. They wouldn't make
<snip>
>
> Well, if in fact a signal that was easy to detect was
> transmitted then the SETI League approach (when it
> reaches fruition) makes great sense! They'll be sure
> to make first contact I think.

Nah, unless they luck onto a civ like ours passing through the brief
(in one way or another!) low-tech EM stage. Single-interaction messages
make more sense. A gamma ray could contain an entire message, say by
setting its frequency to the product of selected prime multiples of a
reference frequency derived from the background star. Or complex massless
"particles" could be prepared that would interact with only the appropriate
receiver (you'd then need billions of receivers, one for each message. Might
require a hefty golfball-sized quantum computer).

Given our current technology, maybe listening to seashells is
as likely a detection method as any.

2674. Re: SETI: Why the "Waterhole" Freq, Anyways?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-04 01:37:34 UTC
From: Bookvous <bookvous@optushome.com.au>
Message-ID: <yLJM5.4502$KY1.11924@news1.rivrw1.nsw.optushome.com.au>
Source record: 7999

I think the only reason we don't transmit on the hydrogen line is because it is a frequency that has been recognised as one of the best for radio astronomy.

"Hamish Moffatt VK3SB" <hamish@cloud.net.au> wrote in message news:K7xM5.9048$Xx3.39642@news1.eburwd1.vic.optushome.com.au...
> David L. Stinson <arc5@ix.netcom.com> wrote:
> > Why this freq? Seems an ambigious, even anthropomorphic choice
> > to me. I'd think if ET were out there, he'd probably be using
> > a whole lot of other freqs, just like we do.
>
> I thought the theory was that any distant intelligent alien
> would be deliberately transmitting on this frequency (because
> it's constant and hydrogen is so simple etc) to attract the
> attention of slightly less intelligent aliens like ourselves.
>
> Note that we don't transmit on this frequency ourselves
> to attract slightly less intelligent again aliens, so
> I wonder if this theory is really any good.
>
>
> Hamish
> --
> Hamish Moffatt VK3SB <hamish@debian.org> <hamish@cloud.net.au>

2675. Re: UK site up for ISS topics,

Newsgroup: rec.radio.amateur.space
Date: 2000-11-04 01:49:23 UTC
From: Eavesdropper <ian@eavesdropper.worldonline.co.uk>
Message-ID: <3a036b26@news.server.worldonline.co.uk>
Source record: 8000

He, He ooppsss !, too much on my brain here you go...sorry about that.

www.eavsdropper.dabsol.co.uk

cheers

ian k.

"Ash" <ash@gravitywell.org> wrote in message
news:3A033B6D.CF2F8060@gravitywell.org...
> perhaps an URL wouldn't hurt?
> :-)
>
> Eavesdropper wrote:
>
> > Mostly for amateur radio tx from ISS now and in the future, UK visible
and
> > radio pass times, sstv page, voice tx page video page etc.
> >
> > Still under some construction but most pages basically operational
> >
> > have fun
> >
> > ian k.
>

2676. Re: ISS DOWNLINK HEARD IN UK

Newsgroup: rec.radio.amateur.space
Date: 2000-11-04 02:40:36 UTC
From: TomR@astro.net
Message-ID: <3a0376ab.109517050@news.idsi.net>
Source record: 8001
Cross-posted to: alt.radio.scanner.uk,rec.radio.amateur.space

On Fri, 3 Nov 2000 23:12:06 -0000, "Martin Peters"
<martin.peters1@virgin.net> wrote:

>Left a tape (voice activated) running on 143.625 all day today (Fri) and
>caught a few minutes of conversation in Russian. No idea which pass these
>recordings were made from as the machine does not time-stamp. I'll have to
>fire up the laptop and record it there.
>
>If you do the same, remember to enable the AFC if you have one (I forgot).
>Doppler shift means the station can be a few kHz off frequency and the
>first snatches of voice on the tape are all clipped as a result.
>
>Is MIR finally demanned now or do they still have a presence - also on
>143.625??
>
>Martin

Mir is currently unmanned and latest reports state it will be
de-orbited in February or 2001. However with Mir this kind of news can
change almost daily. 143.625 is the Russian ground control frequency.

Tom - KB2SMS

2677. Re: VHF air-to-ground on USA East coast too...

Newsgroup: rec.radio.amateur.space
Date: 2000-11-04 02:44:47 UTC
From: TomR@astro.net
Message-ID: <3a037752.109684800@news.idsi.net>
Source record: 8002
Cross-posted to: sci.space.station,rec.radio.amateur.space

On Fri, 3 Nov 2000 12:46:09 GMT, nomail@rob.knoware.nl (Rob Janssen)
wrote:

>TomR@astro.net <TomR@astro.net> wrote:
>>On Thu, 02 Nov 2000 17:03:05 GMT, Will Marchant <kc6rol@amsat.org>
>>wrote:
>
>>>Hi Folks:
>>>It appears that the NASA Wallops VHF relay facility is now active
>>>again! I've been copying a nice pass of the ISS on 143.625 MHz. Try
>>>listening if you live in the mid-Atlantic area...
>
>>>--
>>>Will Marchant
>>>marchant@ssl.berkeley.edu http://chips.ssl.berkeley.edu/~marchant/
>>>kc6rol@amsat.org New==>http://home.earthlink.net/~willmarchant/
>
>> I thought that was the Russian ground control freqency? Or is it
>>used by Wallops as well?
>
>>Tom - KB2SMS
>
>Maybe you have missed it, but these days the Russians and Americans are
>co-operating on the same space station.
>
>Rob

I haven't missed it at all. Mir has used that frequency also. You'll
note that you mostly (if not all the time) hear Russian spoken on that
freqency. On the 2 passes I caught today they spoke only Russian. My
bet is they are talking to the Russian ground control. Of coarse they
could be sharing the freqency with Wallops as well.

73,

Tom - KB2SMS

2678. Re: VHF air-to-ground on USA East coast too...

Newsgroup: rec.radio.amateur.space
Date: 2000-11-04 04:35:00 UTC
From: TomR@astro.net
Message-ID: <3a039010.116019836@news.idsi.net>
Source record: 8003
Cross-posted to: sci.space.station,rec.radio.amateur.space

On Fri, 03 Nov 2000 23:11:42 -0400, JF Mezei
<jfmezei.spamnot@videotron.ca> wrote:

>Something I don't quite understand here.
>
>Listening to the NASA TV during the wee hours of the morning (afternoon in
>Moscow), the Alpha-ISS occupants had short periods of communuications while
>the station was over russian territory, and towards the conclusion of that
>period, there was an agreement that the next communication pass would occur in
>X minutes (next orbit). And then silence.

The Russians use different ground freqencies. Listen to 143.625
when they pass over your area, you'll hear Russian spoken mostly. They
used that freq while on Mir. The Russians don't have the TDRS sat
system like we do.

>During those silence portions, NASA TV commentator would make comments that
>telemetry was being transmitted via the Unity early communications system.

Not sure what that is. Someone?

>If the crew are told not to bother with the radio for the next 80 minutes, I
>am currious as to why anyone in north america would hear convesations as the
>station was over north america ?

Example: Today I caught 2 ISS passes over my area. Both times on
143.625 they were speaking Russian. My guess is they were talking to
Russian ground control or someone at Wallops.

>Or during daytime orbits that go over the USA, would the crew be advised of
>additional communications opportunities ? But aren't they asleep during north
>american daytime ?

According to what I read recently they awaken at 11:00 p.m. ET
However the 2 passes I heard today were morning and early afternoon.
They sleep for 8 hours I believe. So I suppose they hit the sack
around 3 p.m. ET.

>Also, what exactly is the Unity early communications system capable of ? Could
>it handle voice communcations ? Or just telemetry ?

I can't answer that one....

Tom

2679. Re: SETI: Why the "Waterhole" Freq, Anyways?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-05 00:00:00 UTC
From: who? <glennt@ibm.net>
Message-ID: <3a051af2_4@news1.prserv.net>
Source record: 8017

Why indeed?

We really don't have any way to reliably guess what medium
another civilization might use to communicate, much less
what frequency. The "water hole" stretches between the
hydrogen line and an OH line somewhat higher in frequency
(10 GHz or so?).

Why look there? The main reason is that there is a minimum
in the background noise there. Lower frequencies have more
crud from various human activities plus increasingly serious
ionospheric effects. The higher frequencies have more
thermal noise and increasing atmospheric absorption. The
"water hole" is a somewhat romantic notion based on the
only (allegedly) civilized society we know of.

It's a bit like the drunk who was crawling around on the
sidewalk under a street light.
A cop asked him, "what you doing?"
He replied, "I'm looking for my wallet."
Cop: "Where did you lose it?"
Drunk: "Middle of the block."
Cop: "Then why are you looking here?"
Drunk: "The light is better."

Like that drunk, we tend to look in the "water hole"
because the light is better!

- 73 de Glenn

David L. Stinson wrote in message <3A02951A.FD997D46@ix.netcom.com>...
>Everyone says to listen at the hydrogen absorption freq
>of 1.4 GHz to 1.44 GHz. Since there's more hydrogen
>around then anything else, seems like most of any energy
>at that freq would go to exciting hydrogen atoms.
>Small wonder it's so "quiet."
>
>Why this freq? Seems an ambigious, even anthropomorphic choice
>to me. I'd think if ET were out there, he'd probably be using
>a whole lot of other freqs, just like we do.

2680. Re: Would this reciever be useful for starting amateur SETI?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-05 00:00:00 UTC
From: Phil Weldon <pweldon@mindspring.com>
Message-ID: <8u35im$b0q$1@slb7.atl.mindspring.net>
Source record: 8018
Cross-posted to: sci.astro.seti,alt.sci.seti,rec.radio.amateur.space

"David Woolley" <david@djwhome.demon.co.uk> wrote in message
news:T973294735@djwhome.demon.co.uk...
> In article <8tkj7nhco1@slb0.atl.mindspring.net>,
> Phil Weldon <pweldon@mindspring.com> wrote:
>
> > Not really. The products from this company seem to be oriented toward
> > eavesdropping on cellular phone conversations, capturing cell phone id's
and
> > codes, cracking frequency hopping communication, etc. More a police,
>
> I suspect they have more sales to the general public. I can't remember
> where this model is in their range, but I think that most of the range
> is aimed at the hobbyist scanner market.

The picture at the website showing connection to a notebook computer is a clue; that kind of setup is useful for tracking a cellphone user and stealing cellphone id's for subquent sale. Even digital cellphone are vunerable to those kinds of attack, even if the content of the conversation is relatively safe.

Further:

A large dish is the cheapest, simplest way to increase noise rejection and sensitivity: it need not even be moveable, though the aim could be quite easily changed though the main dish axis be fixed. A certain large radio telescope does exactly that. A 5.5 meter fixed, zenith pointing dish suitable for 20 cm to 15 cm wavelengths can be built for three orders of magnitude less than the steerable 5.5 meter transmission dish I described.

If a band were "1000's of MHz wide" it could not be a waterhole, by definition. A waterhole implies a gathering place.

As for LNB LO stability, phase-locked loop LO's in LNB's compare favorably with the WR-1550e frequency stability (+/- 10 ppm.)

In fact, double conversion at the antenna to 70 MHz brings the signal into the range that can be binned with a PCI card spectrum analyzer. The bandwidth filtering is done by the PC. No receiver needed.

So, no, I don't think the WR-1550e would be a good choice for amateur SETI.

Phil Weldon, pweldon@mindspring.com

2681. sat.tracking program for linux

Newsgroup: rec.radio.amateur.space
Date: 2000-11-05 00:00:00 UTC
From: Ash <ash@gravitywell.org>
Message-ID: <3A051F7F.4565C68C@gravitywell.org>
Source record: 8019

Is there any decent satellite tracking programs (graphical) for linux
(slack7),
console only, dont have X on that computer, it's primary use is as a
serial
interface for the router, but it's a waste of cpu not using it :)

//Ash

2682. Re: STS-106 / ISS radio traffic

Newsgroup: rec.radio.amateur.space
Date: 2000-11-05 00:00:00 UTC
From: Björn Axelsson <bjorn.axelsson@swipnet.se>
Message-ID: <3A0549C9.E3BB4C06@swipnet.se>
Source record: 8020

Tanks for the recording!
I live in south of Sweden on a latitude that
the orbit is not over the horizon ever so I can't
recieve these traffic anyway.
I will travel some times to Malmoe there is some
possibilties to recieve and see the ISS above the
horizon sometimes.

Thanks again.
Bjï¿½rn Axelsson.

N1RZ wrote:

> 5 min recording as they passed over this morning...in RealAudio 8 format
> (704kb).
>
> http://www.timhavens.com/n1rz/ISS/iss-1.ra
>
> They were +20 to +40db over S9 on my FT-847 using a Diamond SG7900 mobile
> antenna sitting on my desktop on my house about 2' from the rig ;-)
>
> AMAZINGLY strong.
>
> Tim (N1RZ)
> "Bjï¿½rn Axelsson" <bjorn.axelsson@swipnet.se> wrote in message
> news:3A01B720.DC7B26AD@swipnet.se...
> > Hi!
> >
> > Anyone out there knows the freq.
> > off the talking traffic between the
> > STS-106 / ISS and the erath based
> > stations?
> >
> > Thanks in advance.
> > Bjï¿½rn Axelsson
> >

2683. Re: STS-106 / ISS radio traffic

Newsgroup: rec.radio.amateur.space
Date: 2000-11-05 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn90abqi.skk.nomail@linux.pe1chl.ampr.org>
Source record: 8021

Eavesdropper <ian@eavesdropper.worldonline.co.uk> wrote:

>> The Americans use digital microwave systems via relay satellites, you
>won't
>> be able to listen in on those.

>Hmmm, never say never :-), you never know !.

You say you are going to launch your own satellite to receive the beam that
is pointed upwards from the station??

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

2684. Re: sat.tracking program for linux

Newsgroup: rec.radio.amateur.space
Date: 2000-11-05 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn90abst.skk.nomail@linux.pe1chl.ampr.org>
Source record: 8022

Ash <ash@gravitywell.org> wrote:
>Is there any decent satellite tracking programs (graphical) for linux
>(slack7),
>console only, dont have X on that computer, it's primary use is as a
>serial
>interface for the router, but it's a waste of cpu not using it :)

SatTrack 3.1.6 is a very good program, that can work both on a text screen
and on X. Of course no graphics on a text screen.

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

2685. Re: Would this reciever be useful for starting amateur SETI?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-05 00:00:00 UTC
From: Ed Nelson <ednelson@waitrose.com>
Message-ID: <8u3khl$m1r$1@gxsn.com>
Source record: 8023
Cross-posted to: sci.astro.seti,alt.sci.seti,rec.radio.amateur.space

T. Joseph W. Lazio <jlazio@patriot.net> wrote in message
news:m23dh7it0q.fsf@patriot.net...
<snip>
> Then there's a problem. Horowitz & Sagan (1993) showed that the META
> results imply no "supercivilizations" in the Milky Way. Specifically,
> they showed that there are no Kardeshev Type II civilizations
<snip>

Can't rememer the details of Kadashev's scheme - something to do with scale of energy usage I think? I did a few Google searches and just got a load of nutters coming out with nonsense that I couldn't be bothered seiving through!

Maybe our type II mates are scared [or paranoid? depends who's asking :)] that there's a radio quiet Type III civilisation out there who are smarter than, but as vicious and competitive as, they are ;-). So If they're smart they're probably not transmitting!

Ed.

2686. Re: STS-106 / ISS radio traffic

Newsgroup: rec.radio.amateur.space
Date: 2000-11-05 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn90amhc.skk.nomail@linux.pe1chl.ampr.org>
Source record: 8024

Bjï¿½rn Axelsson <bjorn.axelsson@swipnet.se> wrote:
>Tanks for the recording!
>I live in south of Sweden on a latitude that
>the orbit is not over the horizon ever so I can't
>recieve these traffic anyway.
>I will travel some times to Malmoe there is some
>possibilties to recieve and see the ISS above the
>horizon sometimes.

You must mean the north of Sweden?
There is quite an area in the south of Sweden where ISS can be heard.

Check this website: http://www.users.wineasy.se/svengrahn/

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

2687. Amateur Space News for the Palm

Newsgroup: rec.radio.amateur.space
Date: 2000-11-05 00:00:00 UTC
From: Jeff Davis <n9avg@indy.net>
Message-ID: <klfN5.18298$xa1.509167@nntp1.onemain.com>
Source record: 8025

Subscribe to this AvantGO channel and receive the most up to date space communication news and information for amateur radio operators via your Visor, Palm or Windows CE device.

Visit http://www.callingcq.org/ for details.

This service was previously hosted at http://n9avg.org/. Please advise via email if you have any problem adding this new channel.

Vy 73 de Jeff, N9AVG

2688. Help Fixing Amiga Tracking Software

Newsgroup: rec.radio.amateur.space
Date: 2000-11-05 00:00:00 UTC
From: colin <colin.knight@redhotant.com>
Message-ID: <8u4b1e$l2o$1@nnrp1.deja.com>
Source record: 8026

Hello Everyone, Is there anybody out there familiar with Amiga programming? I have a tracking programme which needs fixing for YK2 - I have all code from the author but I don't have the knowledge to fix it myself. Can anyone help me? A Lattice C compiler is required and the code is about 13mb in total. If anyone is willing to have a go feel free to contact me directly or on the forum. Thanks. Colin

Sent via Deja.com http://www.deja.com/
Before you buy.

2689. Re: Would this reciever be useful for starting amateur SETI?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-05 00:00:00 UTC
From: jlazio@patriot.net
Message-ID: <m2hf5mgfti.fsf@patriot.net>
Source record: 8027
Cross-posted to: sci.astro.seti,alt.sci.seti,rec.radio.amateur.space

>>>>> "EN" == Ed Nelson <ednelson@waitrose.com> writes:

EN> T. Joseph W. Lazio <jlazio@patriot.net> wrote in message
news> m23dh7it0q.fsf@patriot.net...
EN> <snip>
>> Then there's a problem. Horowitz & Sagan (1993) showed that the
>> META results imply no "supercivilizations" in the Milky Way.
>> Specifically, they showed that there are no Kardeshev Type II
>> civilizations
EN> <snip>

EN> Can't rememer the details of Kadashev's scheme - something to do
EN> with scale of energy usage I think?

Yes. Kardeshev classified civilizations into three classes
I. Similar to us now, with an energy consumption of 4 x 10^12 W/s
II. A civilization capable of harnessing their star's output, ~ 4 x
10^26 W/s
III. A civilization capable of harnessing their galaxy's output, ~ 4 x
10^37 W/s.

Horowitz & Sagan argue for a re-classification. We should be Type 0
and Type I should be a civilization capable of harnessing all of a
star's incident radiation on their planet.

--
Lt. Lazio, HTML police | e-mail: jlazio@patriot.net
No means no, stop rape. | http://patriot.net/%7Ejlazio/
sci.astro FAQ at http://sciastro.astronomy.net/sci.astro.html

2690. Re: Would this reciever be useful for starting amateur SETI?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-05 00:00:00 UTC
From: jlazio@patriot.net
Message-ID: <m2em0qgfqa.fsf@patriot.net>
Source record: 8028
Cross-posted to: sci.astro.seti,alt.sci.seti,rec.radio.amateur.space

>>>>> "AAA" == Alfred A Aburto <aburto@cts.com> writes:

>> "T. Joseph W. Lazio" <jlazio@patriot.net> wrote in message
>> news:m23dh7it0q.fsf@patriot.net...
>> >>>>> "AAA" == Alfred A Aburto <aburto@cts.com> writes:
>>
AAA> I'd add though that there is the possiblity too that a
AAA> civilization that "really" (REALLY) wanted to make themselves
AAA> known to others in the Galaxy would transmit a powerful signal
AAA> detectable easily by even a 3 or 5 meter dish. They wouldn't make
AAA> it hard to detect!

>> Then there's a problem. Horowitz & Sagan (1993) showed that the
>> META results imply no "supercivilizations" in the Milky Way.
>> Specifically, they showed that there are no Kardeshev Type II
>> civilizations transmitting at 1420 MHz in the Milky Way. Now,
>> there are a couple of important qualifiers on that conclusion

AAA> I was thinking we were capable (...) of transmitting CW
AAA> tones/pulses easily detectable across the Galaxy by even a small
AAA> antenna.

AAA> I'll check into this. Maybe I wrong ...

Even if we are capable, though Horowitz & Sagan's result is slightly
different. They can find no evidence that anybody *is* doing it (with
the caveats in my original message). Moreover, Horowitz & Sagan used
a much larger antenna (either 12 or 25 m).

--
Lt. Lazio, HTML police | e-mail: jlazio@patriot.net
No means no, stop rape. | http://patriot.net/%7Ejlazio/
sci.astro FAQ at http://sciastro.astronomy.net/sci.astro.html

2691. Re: Would this reciever be useful for starting amateur SETI?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-05 00:00:00 UTC
From: david@djwhome.demon.co.uk
Message-ID: <T973467735@djwhome.demon.co.uk>
Source record: 8029
Cross-posted to: sci.astro.seti,alt.sci.seti,rec.radio.amateur.space

In article <8u35im$b0q$1@slb7.atl.mindspring.net>,
Phil Weldon <pweldon@mindspring.com> wrote:

> The picture at the website showing connection to a notebook computer is a
> clue; that kind of setup is useful for tracking a cellphone user and

The e versions won't work without a PC. The PC provides the front panel.

> stealing cellphone id's for subquent sale. Even digital cellphone are

You'd almost certainly want the internal version with DSP for that, and,
even then, I don't think any of the supported modes would handle GSM,
and virtually certain that none would support TDMA. I'm not even
sure that any of the modes would work well for TACS signalling.
Almost certainly, the best technical solution for the sort of fraud
you are describing would involve the use of standard cellualar phone
chip sets or obsolete phones.++

(Note that the GSM specification has measures for protecting the
phone identity, although it is sometimes necessary to send the true
identity in clear, and what I know is from reading the specifications
some 10+ years ago, not what is the situation as actually implemented.)

I quite accept that most non-professional purchasers of this equipment
will be using it for questionable, and in some jurisdictions,
illegal purposes, but I would suspect most of them will simply be
violating equivalents of the UK Wireless Telegraphy Act, or various
communications privacy acts, for prurient purposes, rather than for
financial gain. This is equally true of UK purchasers of Radio Shack
scanners. (If I understand the US position correctly, it is illegal
to sell equipment that can monitor cellular frequencies, but it is not
illegal to listen to anything on equipment that is legal to sell. In the
UK, about the only things that one can legally receive are legitimate
broadcast stations, standard frequency services, and amateur radio
operators, although you need a licence for broadcast TV. (GPS is de
facto, and probably de jure legal, and citizens' band may be.))

Incidentally, I expect professional users to use the 3xxx models, so
I'd say that the 1550 is definitely aimed at the amateur scanning
market.

> A large dish is the cheapest, simplest way to increase noise rejection and
> sensitivity: it need not even be moveable, though the aim could be quite

True. But 3m dishes cost virtually nothing beyond the shipping costs,
if you use redundant ones, as most amateurs do, and even 3m dishes can

cause problems with planning control authorities.

> If a band were "1000's of MHz wide" it could not be a waterhole, by
> definition. A waterhole implies a gathering place.

There are three definitions of water hole; your definition is the one
that has least scientific credibility and was invented more for PR
purposes - it tends to make people think that 1.42GHz is the only place
to look.

The other definitions are:

- the approximate 200 MHz between hydrogen and hydroxyl lines - this
approximates to the original coverage aims of project SERENDIP (from
which S@H data is taken) - the current coverage is less;

- the several thousand MHz range up to the point where water vapour
in the atmosphere makes it effectively opaque, down to the point where
galactic noise dominates - although Phoenix doesn't cover all this range,
it attempts to do so in as much as it goes well beyond the 200MHz range.

Arecibo planetary radar, which is arguably our most detectable signal,
only matches the final category.

See: <http://www.setileague.org/general/waterhol.htm>

> In fact, double conversion at the antenna to 70 MHz brings the signal into
> the range that can be binned with a PCI card spectrum analyzer. The

There's an article in Radio Communications (the RSGB magazine, in the
Technical Topics section, about a pure DSP HF receiver design by the UK
Defence Research Agency. The author of that column sources material
from technical publications - it's not a vehicle for press releases -
so I'd take it that building a receiver going up to 30MHz with good
dynamic range represents the state of the art. (You can probably run a
fast DSP on a hydrogen line receiver if you have good RF filtering to
suppress satellite based transmissions - note that the professional,
SERENDIP, system is unable to completely suppress these.)

> bandwidth filtering is done by the PC. No receiver needed.

This is all professional equipment. Some amateur SETI is done by people
who work professionally in radio design, and they tend to use special
purpose hardware designs, but much of it is done by people who have
little technical awareness. If they want a system just for hydrogen line
SETI, even they might be better off with specialised receivers, but
they'd almost certainly have to write off the whole cost, because of the
lack of second hand market, and they'd only be able to test it using
radio astronomy sources.

Also, as I pointed out before, cable losses are tolerable and can be
compensated with an LNA, so even home constructed receiver systems
place the first downconvertor at the bottom of the downfeed. Ku
band TVRO frequencies suffer much greater cable losses, so,

combined with other things, it makes sense to downconvert at the feed point.

> So, no, I don't think the WR-1550e would be a good choice for amateur SETI.

None of your criticisms seem to differentiate it from the ICOM 7100 (hope I have the correct number this time) that is the de facto standard receiver for black box amateur SETI, and probably for some amateur radio astronomy. The ICOM has a hardware front panel, but is still computer controlled and can, I think, be operated as though it had only a software front panel. (The questioner was actually thinking of another brand of similar receiver.)

The main criticism of the WinRadio, from my point of view, is that the web site, at least, does not provide technical information about the structure, let alone the circuitry, of the RF side of receiver. This may well be true of the ICOM. However, a look at the links on the site, and the fact that one of the WinRadio staff has a link from the SETI League members' home pages page, makes me think that they'd be prepared to provide some technical information (e.g. disabling AGC) in order to attract the amateur SETI market).

(It's fairly clear that Dr Shuch, who heads the SETI League, uses specialised designs, but he has to consider that many people are entering amateur SETI without an RF engineering background, and who might well get bored and risk being left with a white elephant. He therefore has to produce designs for black box users as well as those with an RF design background.

A lot of the technical side of amateur radio is about innovative use of redundant or general purpose equipement, to keep costs to an absolute minimum.)

Apart from age, location, approximate budget and an interest in SETI, we don't actually know much about "bookvous". Whether they should even be trying or the best solution for them almost certainly depends on things we don't know. (If they are interested in an academic career in this area, they should be thinking in terms of learning mathematics, and physics. A university interviewer (or even a job interviewer) is probably not going to be interested in the technical content of a project like this, but rather how they planned, researched, documented and executed it, and how well they can explain its purpose and operation to someone without relevant technical background (or who pretends not to have it) i.e. project management, communication and learning skills.)

++ I.e. the use of this equipment for cellular fraud would, if anything, be rather more of a bad technical choice than its use for SETI. In fact, I'd say it would be a very bad technical choice.

2692. boom material for vhf/uhf mounting on az/el rotor?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-05 00:00:00 UTC
From: Gerry <ka1stz@yahoo.com>
Message-ID: <t0bv29bgqs0417@corp.supernews.com>
Source record: 8030

I am putting a azimuth/elevation rotor on the top of my tower for uhf and vhf freqs. They will be mounted in typical 'H' configuration, one antenna on each side of rotor. What material do you all use for the cross boom through the rotor? I am up 40', and it can be breezy. Antenna for each band is abt 13' long yagi. Instructions for antenna recommend not using metal due to detuning the antenna. Thanks! -Gerry

2693. Re: Would this reciever be useful for starting amateur SETI?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-05 00:00:00 UTC
From: "Alfred A. Aburto Jr." <aburto@cts.com>
Message-ID: <8u56r1$1uah$1@thoth.cts.com>
Source record: 8031
Cross-posted to: sci.astro.seti,alt.sci.seti,rec.radio.amateur.space

Joseph,
I think the caveats are very important. I have a copy of the article
by Horowitz & Sagan (1993), The Astrophysical Journal,
415:218-235, 1993 September 20. It is very interesting. I have
read through Section 5, but I don't believe the claim "no
supercivilizations in the Milky Way".

What is the real probability of signal detection for the META
project? Please hear me out and tell me where I'm wrong:

(1) The Harvard radio telescope has about a 0.5 degree
beamwidth at 1.420 GHz. Hence the probability of that
beam pointing at the right place in the sky is:
P1 = delta_phi * (1 - cos(delta_theta)) / (4*PI).
If we assume delta_phi and delta_theta are each 0.5 degrees
(convert to radians) then is:

P1 = 2.6E-08

(2) It takes META one year to cover the sky from (-30 DEC
to +60 DEC). If the signal from the supercivilization is pointed
at us directly for (say) 30 minutes then the probability that we'll
look at the right time is:

P2 = 30 / (365*24*60) = 5.7E-05

(3) META does narrow FFT's (0.05 Hz binwidths) and it is
capable of covering a 400KHz band. If the signal can be
anywhere in the 10GHz region where the radio noise is minimal
then the probability of detecting the right frequency is:

P3 = 400KHz / 10GHz = 4.0E-05

(4) The overall probability then for META to detect at the right
spot in the sky, at the right time, and at the right frequency is:

P4 = P1*P2*P3 = 5.9E-17

This is a very grim chances. So thinking this, I don't see where
Horowitz & Sagan (1993) can make the claim:
"no supercivilizations"!

Where have I gone wrong?
Al

PS: I do think it is very odd that there seems (seems!!) to be no
evidence of super technology "out there" from all our observations

of the Galaxy and Universe (except perhaps for the Universe it
self!). I don't think we are anywhere near close to proving they
are not out there though!

> "T. Joseph W. Lazio" <jlazio@patriot.net> wrote in message
news:m2em0qgfqa.fsf@patriot.net...
> >>>>> "AAA" == Alfred A Aburto <aburto@cts.com> writes:
>
>
>
> >> "T. Joseph W. Lazio" <jlazio@patriot.net> wrote in message
> >> news:m23dh7it0q.fsf@patriot.net...
> >> >>>>> "AAA" == Alfred A Aburto <aburto@cts.com> writes:
> >>
> AAA> I'd add though that there is the possiblity too that a
> AAA> civilization that "really" (REALLY) wanted to make themselves
> AAA> known to others in the Galaxy would transmit a powerful signal
> AAA> detectable easily by even a 3 or 5 meter dish. They wouldn't make
> AAA> it hard to detect!
>
> >> Then there's a problem. Horowitz & Sagan (1993) showed that the
> >> META results imply no "supercivilizations" in the Milky Way.
> >> Specifically, they showed that there are no Kardeshev Type II
> >> civilizations transmitting at 1420 MHz in the Milky Way. Now,
> >> there are a couple of important qualifiers on that conclusion
>
> AAA> I was thinking we were capable (...) of transmitting CW
> AAA> tones/pulses easily detectable across the Galaxy by even a small
> AAA> antenna.
>
> AAA> I'll check into this. Maybe I wrong ...
>
> Even if we are capable, though Horowitz & Sagan's result is slightly
> different. They can find no evidence that anybody *is* doing it (with
> the caveats in my original message). Moreover, Horowitz & Sagan used
> a much larger antenna (either 12 or 25 m).
>
> --
> Lt. Lazio, HTML police | e-mail: jlazio@patriot.net
> No means no, stop rape. | http://patriot.net/%7Ejlazio/
> sci.astro FAQ at http://sciastro.astronomy.net/sci.astro.html

2694. Re: Would this reciever be useful for starting amateur SETI?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-05 00:00:00 UTC
From: david@djwhome.demon.co.uk
Message-ID: <T973419740@djwhome.demon.co.uk>
Source record: 8032
Cross-posted to: sci.astro.seti,alt.sci.seti,rec.radio.amateur.space

In article <8tv0uk$i22$1@slb6.atl.mindspring.net>,
Phil Weldon <pweldon@mindspring.com> wrote:

> I don't think they would be willing to sacrifice their star to send a signal
> to that could be received by a 3 or 5 meter dish. Modulating the signal

We are already sending accidental signals (doppler radar on asteroids)
that are detectable at 10s of light years using 3m dishes. These are
precisely the sort of short duration, single event, signal, where
the Argus strategy would work well. Increasing the power by 100 times
is well within what is imaginable, and could probably be done now with
the right political will. That would increase the candidate stars
by a factor of around 31, but the number in range is already getting
large enough to be statistically well behaved.

You don't need star killing powers to be deteced by amateur systems.

On the other hand, if your star is dying, and you don't have interstellar
spaceflight, you might be prepared to use extreme amount of power to
preserve your culture.

> > > "David Woolley" <david@djwhome.demon.co.uk> wrote in message
> > news:T973211389@djwhome.demon.co.uk...

For once upside down, untrimmed quoting has its uses :-)...

> > > being hit is very small (of the order of 1/(50,000,000)).

This should have been 5,000,000.

> > > sensitivity penalty, not the 5,000,000 right time penalty.

I corrected this in the proof reading, but forgot the other one.

2695. Re: What is intermediate frequency?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-05 00:00:00 UTC
From: Ian Jackson <ianjackson@g3ohx.demon.co.uk>
Message-ID: <dSQ3pGAmZRB6EwqN@g3ohx.demon.co.uk>
Source record: 8033
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.space

<Big Snip>
.....
>Where the pilot method of frequency assignment is used
>(pile it here, pile it there) as on the ham bands, 0.1kHz steps are needed.

'Pilot'...
That's a great way of putting it. I've never heard that said before!

73,
Ian.

2696. Re: Where do I point my dish?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-05 00:00:00 UTC
From: david@djwhome.demon.co.uk
Message-ID: <T973431951@djwhome.demon.co.uk>
Source record: 8034
Cross-posted to: sci.astro.seti,alt.sci.seti,rec.radio.amateur.space

In article <2karvskiaou6lerb8l7kvhkn4moapv5i7p@4ax.com>,
Gary Coffman <ke4zv@bellsouth.net> wrote:

> It had better be a very powerful probe with a huge antenna if that's the case.
> Figure the path loss for any extra-galactic signal and you'll see why. It is more

I think this was a question of someone not understanding the structure
of the observable universe and using galaxy in a loose sense. They
probably meant solar system. People have trouble with the idea of how
large the galaxy is.

> Most amateur systems will have great difficulty picking up probe signals
> originating inside our *solar system*. Picking up ET's signals from distant

The 1.3 watt omni-directional beacon on Mars Global Surveyor was
detectable at 5,000,000 km, even though the receive antenna was less
effective than a 3m dish and the frequency used is about 9 times more
noisy than 1.42GHz. See <http://www.setileague.org/articles/mgstest.htm>.
That's about the same power as a digital mobile phone in a fringe area,
and much less than the EIRP of a normal telemetry channel.

> You have to postulate truly enormous ERP on the part of ET to have any
> possibility of receiving signals from outside our solar system. That's a

You only have to postulate the levels of power that Arecibo is already
using for doppler radar on asteroids.

See <http://www.setileague.org/software/linkanal.xls> for a spread sheet
to work out ranges under various assumptions; Arecibo has at least 1MW
of feed power and is approximately 1000 feet across; the radar frequency
is somewhere around 4GHz.

> major engineering challenge for anyone, and unnecessary for any ordinary
> purpose. Perhaps that's why we haven't heard anything.

One argument is that we have "heard" asteroid tracking radars, but they
present as one off events and have therefore never been confirmed.

> you can't hear Mars Observer, Galileo at Jupiter, or Voyager and Pioneer
> near the edge of the heliopause, you probably can't hear anything likely to
> be in operation outside of our solar system either.

I believe that Voyager/Pioneer are on the limits of detectability for
project Phoenix at Arecibo, and below the intensity of Arecibo CW radar at
nearby stars, which is detectable by 3m dishes.

The Big Ear system that detected the Wow! event is less sensitive to narrow band signals than current 3m amateur SETI systems, see:

<http://www.setileague.org/articles/calibwow.htm>

2697. High Gain Yagis, Satellite Tracking & Frequencies

Newsgroup: rec.radio.amateur.space
Date: 2000-11-05 03:15:50 UTC
From: Schneider <js@sprintmail.com>
Message-ID: <3A04D0D1.3C9D4ED1@sprintmail.com>
Source record: 8013

Please visit my home page to make your own high gain yagi
antennas and links to satellite tracking and frequencies

--
http://www.homestead.com/KK5UFO/

2698. Re: Use of Ham Callsign on CB

Newsgroup: rec.radio.amateur.space
Date: 2000-11-05 06:07:15 UTC
From: Dick Carroll <dixie@townsqr.com>
Message-ID: <8u2tejmls3@208.206.142.80>
Source record: 8014
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.space

CAM wrote:
>
> Dick Carroll wrote:
> > Evidently you can't see how stupid your comment is.
>
> Vince has said that anyone who gets a license after April 2000 is not
> a real ham. That would include hams who accidentally allowed their
> license to expire and took the exams in order to get their license
> back. So don't dare let your license expire, Dick, 'cause Vince says
> you will no longer be a real ham. If you let your license expire and
> go to the trouble of taking the exams to get it back, you will be
> dumbed-down and branded an Extra Lite.

As a VE I once tested an OT who had first been licensed in 1926 and had worked several years as a Maritime radio operator. When he hobbled with his cane into the VE session at age 80, I knew him because I had known him when I was a kid. He was the ham who had Elmered my Elmer in 1928 - **60 years** ago, at that time. He had long ago allowed his ticket to expire, and decided to get back on the air again in his declining years. He took the 20wpm code test right off, and turned in a perfect copy. He quickly completed all the elements for Novice, General and Advanced. I then asked him if he wanted to try the Extra. There had been no Extra when he last held a license. He took the test back to his seat, spent a few minutes looking it over, then brought it back with the comment that he thought he'd better study a little before taking that one, it had some new stuff on it. Next session he was back, and aced the Extra written. He spent the next several years working CW on 20 meters, and sadly, became SK a few months ago.

That's the sort of ham you say won't be any more qualified than a post-April 2000 Extra lite. As usual you're full of stinky stuff.

2699. Re: Use of Ham Callsign on CB

Newsgroup: rec.radio.amateur.space
Date: 2000-11-05 06:09:29 UTC
From: Dick Carroll <dixie@townsqr.com>
Message-ID: <8u2tipmls4@208.206.142.80>
Source record: 8015
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.space

Ralph Mowery wrote:
>
> There are many doctors that have taken the medical exams that I would
> not go to.
> Lots of times their nurses can make a beter call.

My daughter is an RN and she says some doctors ask her opinion.

2700. Re: Use of Ham Callsign on CB

Newsgroup: rec.radio.amateur.space
Date: 2000-11-05 07:27:23 UTC
From: CAM <cam2338@bigfoot.com>
Message-ID: <3A050BDB.3E453D0E@bigfoot.com>
Source record: 8016
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.misc,rec.radio.amateur.space

Dick Carroll wrote:
> That's the sort of ham you say won't be any more qualified than a
> post-April 2000 Extra lite. As usual you're full of stinky stuff.

But Dick, that *very same OT* would be condemned by you if he
took all the exams now. That makes you a rather despicable
character, IMO. How could that very same person be less qualified
because he took his exams now instead of whenever it was. Why
would you admire one 80 year old OT and despise another just
because they took their exams at a different time?
--
http://www.mindspring.com/~w6rca

2701. Re: Would this reciever be useful for starting amateur SETI?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-06 00:00:00 UTC
From: jlazio@patriot.net
Message-ID: <m2bsvshdoa.fsf@patriot.net>
Source record: 7899
Cross-posted to: sci.astro.seti,alt.sci.seti,rec.radio.amateur.space

>>>>> "AAA" == Alfred A Aburto <aburto@cts.com> writes:

>> "T. Joseph W. Lazio" <jlazio@patriot.net> wrote in message
>> news:m2em0qgfqa.fsf@patriot.net...
>>>>>>> "AAA" == Alfred A Aburto <aburto@cts.com> writes:
>>
>>>> "T. Joseph W. Lazio" <jlazio@patriot.net> wrote in message
>>>> news:m23dh7it0q.fsf@patriot.net...

AAA> I'd add though that there is the possiblity too that a
AAA> civilization that "really" (REALLY) wanted to make themselves
AAA> known to others in the Galaxy would transmit a powerful signal
AAA> detectable easily by even a 3 or 5 meter dish. They wouldn't make
AAA> it hard to detect!

>>>> Then there's a problem. Horowitz & Sagan (1993) showed that
>>>> the META results imply no "supercivilizations" in the Milky Way.
>>>> Specifically, they showed that there are no Kardeshev Type II
>>>> civilizations transmitting at 1420 MHz in the Milky Way. Now,
>> there are a couple of important qualifiers on that conclusion

AAA> I was thinking we were capable (...) of transmitting CW
AAA> tones/pulses easily detectable across the Galaxy by even a small
AAA> antenna.

AAA> I'll check into this. Maybe I wrong ...

>> Even if we are capable, though Horowitz & Sagan's result is
>> slightly different. They can find no evidence that anybody *is*
>> doing it (with the caveats in my original message). Moreover,
>> Horowitz & Sagan used a much larger antenna (...).

AAA> I think the caveats are very important. I have a copy of the
AAA> article by Horowitz & Sagan (1993), The Astrophysical Journal,
415> 218-235, 1993 September 20. It is very interesting. I have
AAA> read through Section 5, but I don't believe the claim "no
AAA> supercivilizations in the Milky Way".

Oh, agree completely. The caveats are quite important for drawing
general conclusions, but largely irrelevant, with one important
exception, for SETIs with 3 m dishes.

AAA> What is the real probability of signal detection for the META
AAA> project? Please hear me out and tell me where I'm wrong:

AAA> (1) The Harvard radio telescope has about a 0.5 degree beamwidth
AAA> at 1.420 GHz. Hence the probability of that beam pointing at the
AAA> right place in the sky is: P1 = delta_phi * (1 -
AAA> cos(delta_theta)) / (4*PI). If we assume delta_phi and
AAA> delta_theta are each 0.5 degrees (convert to radians) then is:

AAA> P1 = 2.6E-08

I think this factor is 0.5. HS93 covered the entire northern sky, and
see the next point.

AAA> (2) It takes META one year to cover the sky from (-30 DEC to +60
AAA> DEC). If the signal from the supercivilization is pointed at us
AAA> directly for (say) 30 minutes then the probability that we'll
AAA> look at the right time is:

AAA> P2 = 30 / (365*24*60) = 5.7E-05

Depends upon the assumed superciv. Why would a superciv need to
modulate their signal in time? They've got enough energy to use that
they really don't even need to have that narrow of a beam. Just turn
the transmitter on and stand back.

AAA> (3) META does narrow FFT's (0.05 Hz binwidths) and it is capable
AAA> of covering a 400KHz band. If the signal can be anywhere in the
AAA> 10GHz region where the radio noise is minimal then the
AAA> probability of detecting the right frequency is:

AAA> P3 = 400KHz / 10GHz = 4.0E-05

Yes, this one is extremely important.

AAA> (4) The overall probability then for META to detect at the right
AAA> spot in the sky, at the right time, and at the right frequency
AAA> is:

AAA> P4 = P1*P2*P3 = 5.9E-17

AAA> This is a very grim chances. So thinking this, I don't see where
AAA> Horowitz & Sagan (1993) can make the claim: "no
AAA> supercivilizations"!

As you can tell from my assumptions, I would estimate a probability
orders of magnitude higher.

AAA> PS: I do think it is very odd that there seems (seems!!) to be no
AAA> evidence of super technology "out there" from all our
AAA> observations of the Galaxy and Universe (...). I don't think we
AAA> are anywhere near close to proving they are not out there though!

We agree here, too. We have just started to scratch at parameter
space. Nonetheless, the META search is an important constraint on the
possibility of supercivs in the Milky Way.

--
Lt. Lazio, HTML police | e-mail: jlazio@patriot.net

No means no, stop rape. | http://patriot.net/%7Ejlazio/
sci.astro FAQ at http://sciastro.astronomy.net/sci.astro.html

2702. Re: Would this reciever be useful for starting amateur SETI?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-06 00:00:00 UTC
From: "Alfred A. Aburto Jr." <aburto@cts.com>
Message-ID: <8u7r7a$mq3$1@thoth.cts.com>
Source record: 7900
Cross-posted to: sci.astro.seti,alt.sci.seti,rec.radio.amateur.space

Joseph,

> "T. Joseph W. Lazio" <jlazio@patriot.net> wrote in message
news:m2bsvshdoa.fsf@patriot.net...
> >>>>> "AAA" == Alfred A Aburto <aburto@cts.com> writes:
>
> >> "T. Joseph W. Lazio" <jlazio@patriot.net> wrote in message
> >> news:m2em0qgfqa.fsf@patriot.net...
> >>>>>>> "AAA" == Alfred A Aburto <aburto@cts.com> writes:
> >>
> >>>> "T. Joseph W. Lazio" <jlazio@patriot.net> wrote in message
> >>>> news:m23dh7it0q.fsf@patriot.net...
>
> AAA> I'd add though that there is the possiblity too that a
> AAA> civilization that "really" (REALLY) wanted to make themselves
> AAA> known to others in the Galaxy would transmit a powerful signal
> AAA> detectable easily by even a 3 or 5 meter dish. They wouldn't make
> AAA> it hard to detect!
>
> >>>> Then there's a problem. Horowitz & Sagan (1993) showed that
> >>>> the META results imply no "supercivilizations" in the Milky Way.
> >>>> Specifically, they showed that there are no Kardeshev Type II
> >>>> civilizations transmitting at 1420 MHz in the Milky Way. Now,
> >> there are a couple of important qualifiers on that conclusion
>
> AAA> I was thinking we were capable (...) of transmitting CW
> AAA> tones/pulses easily detectable across the Galaxy by even a small
> AAA> antenna.
>
> AAA> I'll check into this. Maybe I wrong ...
>
> >> Even if we are capable, though Horowitz & Sagan's result is
> >> slightly different. They can find no evidence that anybody *is*
> >> doing it (with the caveats in my original message). Moreover,
> >> Horowitz & Sagan used a much larger antenna (...).
>
> AAA> I think the caveats are very important. I have a copy of the
> AAA> article by Horowitz & Sagan (1993), The Astrophysical Journal,
> 415> 218-235, 1993 September 20. It is very interesting. I have
> AAA> read through Section 5, but I don't believe the claim "no
> AAA> supercivilizations in the Milky Way".
>
> Oh, agree completely. The caveats are quite important for drawing

> general conclusions, but largely irrelevant, with one important
> exception, for SETIs with 3 m dishes.
>
> AAA> What is the real probability of signal detection for the META
> AAA> project? Please hear me out and tell me where I'm wrong:
>
> AAA> (1) The Harvard radio telescope has about a 0.5 degree beamwidth
> AAA> at 1.420 GHz. Hence the probability of that beam pointing at the
> AAA> right place in the sky is: P1 = delta_phi * (1 -
> AAA> cos(delta_theta)) / (4*PI). If we assume delta_phi and
> AAA> delta_theta are each 0.5 degrees (convert to radians) then is:
>
> AAA> P1 = 2.6E-08
>
> I think this factor is 0.5. HS93 covered the entire northern sky, and
> see the next point.

The independent variables are space, time, and frequency. If you look at all space at once then P1 = 1 (as the SETI League is trying to achieve to cut down the odds). Even if you look at all the sky at once you still have the time factor (how long to look) to worry about. How long to look depends on how many civilizations are out there "pinging" away, the duration of the "ping", the time it takes their beam to sweep past the Earth, and the repetition rate (when will they come back to ping the Earth again).

META did not look at all the sky at once. It takes one year to cover the sky. There were(are) plenty of opportunities to miss a signal momentarily directed at Earth.

I think assuming a continuous transmission directly to Earth is being too optimistic. To assume continuous transmission and then deduce on a negative result that there are "no supercivilizations" out there is just wrong.

Think about that transmission in 1974(?) from Arecibo to the star cluster M13. The transmission (an actual digital message) lasted 3 minutes (if I remember correctly). M13 is 24,000 LY's away. It will take that message 24,000 years to reach M13. What do you think the odds are of detecting that 3 minute message by some advanced civilization in M13? They are very poor. They'd need to look an awfully long time. We did not even repeat the message! It has been 26 years (or so) now! (I think The SETI Institute "ought" to consider repeating that transmission!).

>
> AAA> (2) It takes META one year to cover the sky from (-30 DEC to +60
> AAA> DEC). If the signal from the supercivilization is pointed at us
> AAA> directly for (say) 30 minutes then the probability that we'll
> AAA> look at the right time is:
>
> AAA> P2 = 30 / (365*24*60) = 5.7E-05

>
> Depends upon the assumed superciv. Why would a superciv need to
> modulate their signal in time? They've got enough energy to use that
> they really don't even need to have that narrow of a beam. Just turn
> the transmitter on and stand back.

I wouldn't start off assuming continuous extremely high power omni
transmission. I would treat it as a special case perhaps, certainly not
the only case ...

>
> AAA> (3) META does narrow FFT's (0.05 Hz binwidths) and it is capable
> AAA> of covering a 400KHz band. If the signal can be anywhere in the
> AAA> 10GHz region where the radio noise is minimal then the
> AAA> probability of detecting the right frequency is:
>
> AAA> P3 = 400KHz / 10GHz = 4.0E-05
>
> Yes, this one is extremely important.
>
> AAA> (4) The overall probability then for META to detect at the right
> AAA> spot in the sky, at the right time, and at the right frequency
> AAA> is:
>
> AAA> P4 = P1*P2*P3 = 5.9E-17
>
> AAA> This is a very grim chances. So thinking this, I don't see where
> AAA> Horowitz & Sagan (1993) can make the claim: "no
> AAA> supercivilizations"!
>
> As you can tell from my assumptions, I would estimate a probability
> orders of magnitude higher.

Yes, it depends on the assumptions, but still it is something like 10^(-5)
in the best case ...

>
> AAA> PS: I do think it is very odd that there seems (seems!!) to be no
> AAA> evidence of super technology "out there" from all our
> AAA> observations of the Galaxy and Universe (...). I don't think we
> AAA> are anywhere near close to proving they are not out there though!
>
> We agree here, too. We have just started to scratch at parameter
> space. Nonetheless, the META search is an important constraint on the
> possibility of supercivs in the Milky Way.

Yes, I agree with that. I didn't mean to 'hammer' on META. I just want to
understand the scope of the problem. Come to grips with it.

In fact as a member of the Planetary Society I support getting the Harvard
radio telescope up and going again ...

I think that OSETI (at Harvard, and Princeton now too, and UCB) and looking for nanosecond laser pulses is important too ... These type pulses, like narrowband signals, are not natural to the Universe, and if detected (and they repeated) they would be a sign of interesting activities ...

Al

PS: The other assumption (probability) I made was a beamed transmission with enough power to be detectable by a small antenna. I assumed that this probability was essentially 1 as the small antenna would detect it (have
enough SNR). Big antennas aren't needed then. I thought this was a reasonable assumption. Only thing to worry about is that there might be so much power needed that it would be too dangerous to do (for lifeforms as we know them). The transmit power might kill everything near to the transmitter, even many light years away.

I recall that Telsa first detected radio "whistlers". He thought these were alien signals. So he built a huge induction coil to better study the phenomena (late 1800's or early 1900's). Something like that
(I don't remember the exact details). Made everyones hair stand on end for miles around ... :)

PPS: I wonder how close we could get to a pulsar? It seems it would be very risky even many light years away ...

>
> --
> Lt. Lazio, HTML police | e-mail: jlazio@patriot.net
> No means no, stop rape. | http://patriot.net/%7Ejlazio/
> sci.astro FAQ at http://sciastro.astronomy.net/sci.astro.html

2703. Re: VHF air-to-ground on USA East coast too...

Newsgroup: rec.radio.amateur.space
Date: 2000-11-06 00:00:00 UTC
From: Tim <tthomps@nospam.erols.com>
Message-ID: <8u7sdu$ep2$1@bob.news.rcn.net>
Source record: 7901

TomR@astro.net wrote in message <3a039010.116019836@news.idsi.net>...
>On Fri, 03 Nov 2000 23:11:42 -0400, JF Mezei
><jfmezei.spamnot@videotron.ca> wrote:
>
>>Something I don't quite understand here.
>>
> The Russians use different ground freqencies. Listen to 143.625
>when they pass over your area, you'll hear Russian spoken mostly. They
>used that freq while on Mir. The Russians don't have the TDRS sat
>system like we do.
>
>>During those silence portions, NASA TV commentator would make comments
that
>>telemetry was being transmitted via the Unity early communications system.
>
> Not sure what that is. Someone?

The Early Communications (Ecomm) system is a TDRS link for telemetry only.
It
doesn't support voice comm. Hence the reliance on the VHF frequencies. If
I
find a link with some of the specifics of the Ecomm system I'll post it.

>
>>Or during daytime orbits that go over the USA, would the crew be advised
of
>>additional communications opportunities ? But aren't they asleep during
north
>>american daytime ?
>

I'm not positive about the crew, but I know that the NASA VHF stations are
aware of
all passes for the ISS. The Russians are also aware of all of these North
American
passes. If there's a problem on board, the crew will be awake and will need
to
communicate.

Tim

2704. Re: sat.tracking program for linux

Newsgroup: rec.radio.amateur.space
Date: 2000-11-06 00:00:00 UTC
From: Bent Bagger <bentbagger@my-deja.com>
Message-ID: <8u5qab$p5b$1@nnrp1.deja.com>
Source record: 8036

In article <3A051F7F.4565C68C@gravitywell.org>,
Ash <ash@gravitywell.org> wrote:
> Is there any decent satellite tracking programs (graphical) for linux
> (slack7),
>
Take a look at http://www.njin.net/~magliaco/
and find Predict. It is a good tracking program with a non-X interfcae
(it uses curses)

Best 73 de Bent/OZ6BL

Sent via Deja.com http://www.deja.com/
Before you buy.

2705. Re: Bush & U.S. Constitution

Newsgroup: rec.radio.amateur.space
Date: 2000-11-06 00:00:00 UTC
From: "David L. Stinson" <arc5@ix.netcom.com>
Message-ID: <3A06CA95.D3FA7F18@ix.netcom.com>
Source record: 8037

Maxine Rose wrote:
>
> A lot of statistics specifically taylored to make Bush look bad.

Figures don't lie, but liars figure.

2706. Re: Would this reciever be useful for starting amateur SETI?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-06 00:00:00 UTC
From: Fred Hambrecht <Fred@w4jle.com>
Message-ID: <8u6j3a$340$1@iac5.navix.net>
Source record: 8038
Cross-posted to: sci.astro.seti,alt.sci.seti,rec.radio.amateur.space

One has to question the "Scientists" Historically they have always been
wrong. I give you the flat earth and men who will never fly among others.

"Alfred A. Aburto Jr." <aburto@cts.com> wrote in message
news:8u56r1$1uah$1@thoth.cts.com...
> Joseph,
> I think the caveats are very important. I have a copy of the article
> by Horowitz & Sagan (1993), The Astrophysical Journal,
> 415:218-235, 1993 September 20. It is very interesting. I have
> read through Section 5, but I don't believe the claim "no
> supercivilizations in the Milky Way".
>
> What is the real probability of signal detection for the META
> project? Please hear me out and tell me where I'm wrong:
>
> (1) The Harvard radio telescope has about a 0.5 degree
> beamwidth at 1.420 GHz. Hence the probability of that
> beam pointing at the right place in the sky is:
> P1 = delta_phi * (1 - cos(delta_theta)) / (4*PI).
> If we assume delta_phi and delta_theta are each 0.5 degrees
> (convert to radians) then is:
>
> P1 = 2.6E-08
>
> (2) It takes META one year to cover the sky from (-30 DEC
> to +60 DEC). If the signal from the supercivilization is pointed
> at us directly for (say) 30 minutes then the probability that we'll
> look at the right time is:
>
> P2 = 30 / (365*24*60) = 5.7E-05
>
> (3) META does narrow FFT's (0.05 Hz binwidths) and it is
> capable of covering a 400KHz band. If the signal can be
> anywhere in the 10GHz region where the radio noise is minimal
> then the probability of detecting the right frequency is:
>
> P3 = 400KHz / 10GHz = 4.0E-05
>
> (4) The overall probability then for META to detect at the right
> spot in the sky, at the right time, and at the right frequency is:
>
> P4 = P1*P2*P3 = 5.9E-17
>

> This is a very grim chances. So thinking this, I don't see where
> Horowitz & Sagan (1993) can make the claim:
> "no supercivilizations"!
>
> Where have I gone wrong?
> Al
>
> PS: I do think it is very odd that there seems (seems!!) to be no
> evidence of super technology "out there" from all our observations
> of the Galaxy and Universe (except perhaps for the Universe it
> self!). I don't think we are anywhere near close to proving they
> are not out there though!
>
>
> > "T. Joseph W. Lazio" <jlazio@patriot.net> wrote in message
> news:m2em0qgfqa.fsf@patriot.net...
> > >>>>> "AAA" == Alfred A Aburto <aburto@cts.com> writes:
> > >
> > >
> > >
> > > >> "T. Joseph W. Lazio" <jlazio@patriot.net> wrote in message
> > > >> news:m23dh7it0q.fsf@patriot.net...
> > > >> >>>>> "AAA" == Alfred A Aburto <aburto@cts.com> writes:
> > > >>
> > > AAA> I'd add though that there is the possiblity too that a
> > > AAA> civilization that "really" (REALLY) wanted to make themselves
> > > AAA> known to others in the Galaxy would transmit a powerful signal
> > > AAA> detectable easily by even a 3 or 5 meter dish. They wouldn't make
> > > AAA> it hard to detect!
> > >
> > > >> Then there's a problem. Horowitz & Sagan (1993) showed that the
> > > >> META results imply no "supercivilizations" in the Milky Way.
> > > >> Specifically, they showed that there are no Kardeshev Type II
> > > >> civilizations transmitting at 1420 MHz in the Milky Way. Now,
> > > >> there are a couple of important qualifiers on that conclusion
> > >
> > > AAA> I was thinking we were capable (...) of transmitting CW
> > > AAA> tones/pulses easily detectable across the Galaxy by even a small
> > > AAA> antenna.
> > >
> > > AAA> I'll check into this. Maybe I wrong ...
> > >
> > > Even if we are capable, though Horowitz & Sagan's result is slightly
> > > different. They can find no evidence that anybody *is* doing it (with
> > > the caveats in my original message). Moreover, Horowitz & Sagan used
> > > a much larger antenna (either 12 or 25 m).
> > >
> > > --
> > > Lt. Lazio, HTML police | e-mail: jlazio@patriot.net
> > > No means no, stop rape. | http://patriot.net/%7Ejlazio/

> > sci.astro FAQ at http://sciastro.astronomy.net/sci.astro.html
>
>

2707. ISS on 143.625

Newsgroup: rec.radio.amateur.space
Date: 2000-11-06 00:00:00 UTC
From: Scott Harvey <sharveymead@earthlink.net>
Message-ID: <ToBN5.25291$Pw6.1957793@newsread1.prod.itd.earthlink.net>
Source record: 8039
Cross-posted to: rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.misc,alt.ham-radio.vhf-uhf,alt.radio.scanner

With the manning of the International Space Station has come new activity on the Russian Space Programs VHF downlink frequency, 143.625. NASA has tracking stations on both coasts to talk with the ISS when they pass over these sites. Keep track of the station via a tracking program with the latest kep elements for ISS or the NASA channel and monitor 143.625. You will hear russian language downlink when they pass over. I was able to monitor a horizon to horizon pass at my QTH in the northwest with a discone antenna and my BC230XLT handheld scanner. If you monitor and watch the NASA channel you can get a translation of the conversation. Also listen for Amateur Radio activity starting in the near future on 145.800. Have fun monitoring, Scott, KA7FVV

--

Check out these web pages of mine:
Titanic: http://home.earthlink.net/~sharveymead/titanic.html
Amateur Radio: http://home.earthlink.net/~ka7fvv/
Scanner: http://home.earthlink.net/~ka7fvv/scsl.html

2708. Re: ISS on 143.625

Newsgroup: rec.radio.amateur.space
Date: 2000-11-06 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn90dpr2.skk.nomail@linux.pe1chl.ampr.org>
Source record: 8040
Cross-posted to: rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.misc,alt.ham-radio.vhf-uhf,alt.radio.scanner

Scott Harvey <sharveymead@earthlink.net> wrote:
>channel you can get a translation of the conversation. Also listen for
>Amateur Radio activity starting in the near future on 145.800. Have fun
>monitoring, Scott, KA7FVV

Unlikely that amateur radio activity will start very soon, given the fact
that they complain about the high workload setting up essential systems
right now. Wait until after the next cargo shipment and shuttle visit,
I think.

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

2709. Re: sat.tracking program for linux

Newsgroup: rec.radio.amateur.space
Date: 2000-11-06 00:00:00 UTC
From: Jim Jerzycke <kq6ea@amsat.org>
Message-ID: <3A06FBAE.3F939DA4@amsat.org>
Source record: 8041

Do you actually have SatTrak working? I've tried to compile it 4 or 5
times, and it always breaks.
What Linux distro are you using?
tnx, Jim

2710. Re: ISS on 143.625

Newsgroup: rec.radio.amateur.space
Date: 2000-11-06 00:00:00 UTC
From: treynolds@email.exide.com
Message-ID: <8u75em$t3c$1@nnrp1.deja.com>
Source record: 8042
Cross-posted to: rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.misc,alt.ham-radio.vhf-uhf

Could be, but according to Saturday's NASA ISS bulletin they were given yesterday off. Seems like a good time to monitor 145.800. I also understand they are sleeping and working on UTC time.

Tom

In article <slrn90dpr2.skk.nomail@linux.pe1chl.ampr.org>,
nomail@rob.knoware.nl (Rob Janssen) wrote:
> Scott Harvey <sharveymead@earthlink.net> wrote:
> >channel you can get a translation of the conversation. Also listen for
> >Amateur Radio activity starting in the near future on 145.800. Have fun
> >monitoring, Scott, KA7FVV
>
> Unlikely that amateur radio activity will start very soon, given the fact
> that they complain about the high workload setting up essential systems
> right now. Wait until after the next cargo shipment and shuttle visit,
> I think.
>
> Rob
> --
>
+----------------------------------+----------------------------------
--+
> | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
> | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
>
+----------------------------------+----------------------------------
--+
>

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2711. Re: sat.tracking program for linux

Newsgroup: rec.radio.amateur.space
Date: 2000-11-06 00:00:00 UTC
From: marsgal42@hotmail.com
Message-ID: <8u777p$ur7$1@nnrp1.deja.com>
Source record: 8043

In article <3A06FBAE.3F939DA4@amsat.org>,
Jim Jerzycke <kq6ea@amsat.org> wrote:

> Do you actually have SatTrak working? I've tried to compile it 4 or 5
> times, and it always breaks.
> What Linux distro are you using?

I have it working perfectly (including X Windows) under Slackware
7.0 (2.2.13 kernel).

What are your error messages?

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..." - Hospital/Shafte

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2712. Re: sat.tracking program for linux

Newsgroup: rec.radio.amateur.space
Date: 2000-11-06 00:00:00 UTC
From: Ash <ash@gravitywell.org>
Message-ID: <3A071F84.348FD8BC@gravitywell.org>
Source record: 8044

Yeah I just found Predict and it seems to do accurate predictions,
though I wonder if you can add other sats and not just amateur sats since I
dont
work amateur sats, and a graphical (svgalib) client would be nicer, but I
guess
Predict will have to do.
But what I miss is a function to load a keplar file and use the sats in
that one
directly, I dont want to have to type in every entry manually.
Thanks for the url too

//Ash

Bent Bagger wrote:

> In article <3A051F7F.4565C68C@gravitywell.org>,
> Ash <ash@gravitywell.org> wrote:
> > Is there any decent satellite tracking programs (graphical) for linux
> > (slack7),
> >
> Take a look at http://www.njin.net/~magliaco/
> and find Predict. It is a good tracking program with a non-X interfcae
> (it uses curses)
>
> Best 73 de Bent/OZ6BL
>
> Sent via Deja.com http://www.deja.com/
> Before you buy.

2713. Re: sat.tracking program for linux

Newsgroup: rec.radio.amateur.space
Date: 2000-11-06 00:00:00 UTC
From: marsgal42@hotmail.com
Message-ID: <8u7972lr1@nnrp1.deja.com>
Source record: 8045

In article <3A071F84.348FD8BC@gravitywell.org>,
Ash <ash@gravitywell.org> wrote:
> Yeah I just found Predict and it seems to do accurate predictions,
> though I wonder if you can add other sats and not just amateur sats
since I
> dont
> work amateur sats, and a graphical (svgalib) client would be nicer,
but I
> guess
> Predict will have to do.
> But what I miss is a function to load a keplar file and use the sats
in
> that one
> directly, I dont want to have to type in every entry manually.
> Thanks for the url too

Predict will track any satellite you tell it to. The docs say
what you need to do. If you don't like how it does it, change
it. It's open source, after all...

If you want a graphical display, predict provides the hooks
to roll your own. Look in the documentation about "server mode".
There is a cute X Windows-based graphical display program
available that uses predict's UDP socket. A client for svgalib
would be straightforward.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..." - Hospital/Shafte

Sent via Deja.com http://www.deja.com/
Before you buy.

2714. Re: sat.tracking program for linux

Newsgroup: rec.radio.amateur.space
Date: 2000-11-06 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn90e05j.skk.nomail@linux.pe1chl.ampr.org>
Source record: 8046

Jim Jerzycke <kq6ea@amsat.org> wrote:
>Do you actually have SatTrak working? I've tried to compile it 4 or 5
>times, and it always breaks.
>What Linux distro are you using?
>tnx, Jim

It needs a patch for Y2K (from my homepage) and the correct settings
in the Makefile. The latter depends on the layout of your system.

I am using SuSE Linux. It looks like Debian provides a package with
presumably the correct Makefile (but without the Y2K patch!)

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

2715. Re: ISS on 143.625

Newsgroup: rec.radio.amateur.space
Date: 2000-11-06 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn90ecb9.odc.nomail@linux.pe1chl.ampr.org>
Source record: 8047
Cross-posted to: rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.misc,alt.ham-radio.vhf-uhf

treynolds@email.exide.com <treynolds@email.exide.com> wrote:
>Could be, but according to Saturday's NASA ISS bulletin they were given
>yesterday off. Seems like a good time to monitor 145.800. I also
>understand they are sleeping and working on UTC time.

Once the station has been set up, such days off are a good moment to
listen. I just doubt that they will spend their time off doing exactly the
same thing (locating cables, finding the place to plug them in) they have
been doing all week long...

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

2716. Re: ISS on 143.625

Newsgroup: rec.radio.amateur.space
Date: 2000-11-06 00:00:00 UTC
From: Eavesdropper <ian@eavesdropper.worldonline.co.uk>
Message-ID: <3a073c2b@news.server.worldonline.co.uk>
Source record: 8048
Cross-posted to: rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.misc,alt.ham-radio.vhf-uhf

I have heard the 2m will NOT be up before the 14th at the earliest, one would imagine it has very much less priority than the mission itself :-).

ian k.

<treynolds@email.exide.com> wrote in message news:8u75em$t3c$1@nnrp1.deja.com...
> Could be, but according to Saturday's NASA ISS bulletin they were given
> yesterday off. Seems like a good time to monitor 145.800. I also
> understand they are sleeping and working on UTC time.
>
> Tom
> In article <slrn90dpr2.skk.nomail@linux.pe1chl.ampr.org>,
> nomail@rob.knoware.nl (Rob Janssen) wrote:
> > Scott Harvey <sharveymead@earthlink.net> wrote:
> > >channel you can get a translation of the conversation. Also listen
> for
> > >Amateur Radio activity starting in the near future on 145.800. Have
> fun
> > >monitoring, Scott, KA7FVV
> >
> > Unlikely that amateur radio activity will start very soon, given the
> fact
> > that they complain about the high workload setting up essential
> systems
> > right now. Wait until after the next cargo shipment and shuttle
> visit,
> > I think.
> >
> > Rob
> > --
> >
> +----------------------------------+-------------------------------------
> --+
> > | Rob Janssen pe1chl@amsat.org | WWW:
> http://www.knoware.nl/users/rob |
> > | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS:
> PE1CHL@PI8WNO.#UTR.NLD.EU |
> >
> +----------------------------------+-------------------------------------
> --+
> >
>
>

> Sent via Deja.com http://www.deja.com/
> Before you buy.

2717. Re: Use of Ham Callsign on CB

Newsgroup: rec.radio.amateur.space
Date: 2000-11-06 00:36:51 UTC
From: Phil Kane <Phil.Kane@nospam.spam>
Message-ID: <cuvyxnansvbet.g3khkt0.pminews@ca.news.verio.net>
Source record: 8035
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.space

On 5 Nov 2000 06:09:29 GMT, Dick Carroll wrote:

>Ralph Mowery wrote:
>>
>> There are many doctors that have taken the medical exams that I would
>> not go to.
>> Lots of times their nurses can make a beter call.
>
>
> My daughter is an RN and she says some doctors ask her opinion.

Mine too (cardiac care) and ditto.....

73 de Phil Kane - K2ASP

2718. Satelite Tracking for X Windows

Newsgroup: rec.radio.amateur.space
Date: 2000-11-06 23:40:51 UTC
From: David Findlay <nedz@bigpond.com>
Message-ID: <VdHN5.24331$e5.46363@newsfeeds.bigpond.com>
Source record: 7902

I saw the thread about non-x sattrackers, but are there any really good satelite tracking programs for Linux with X, preferably using OpenGL for graphics?

David

2719. Re: sat.tracking program for linux

Newsgroup: rec.radio.amateur.space
Date: 2000-11-07 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn90fjd7.odc.nomail@linux.pe1chl.ampr.org>
Source record: 7906

Hamish Moffatt VK3SB <hamish@cloud.net.au> wrote:
>Rob Janssen <nomail@rob.knoware.nl> wrote:
>> I am using SuSE Linux. It looks like Debian provides a package with
>> presumably the correct Makefile (but without the Y2K patch!)

>Sorry Rob, that's not correct. The Debian package has the Y2K patch.

When I checked (well into this year) it didn't, but apparently it has been
updated. Good.

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

2720. Re: Satelite Tracking for X Windows

Newsgroup: rec.radio.amateur.space
Date: 2000-11-07 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn90fjk5.odc.nomail@linux.pe1chl.ampr.org>
Source record: 7907

marsgal42@hotmail.com <marsgal42@hotmail.com> wrote:
>In article <VdHN5.24331$e5.46363@newsfeeds.bigpond.com>,
> "David Findlay" <nedz@bigpond.com> wrote:

>> I saw the thread about non-x sattrackers, but are there any really
>good
>> satelite tracking programs for Linux with X, preferably using OpenGL
>for
>> graphics?

>People keep talking about "decent", and now "really good" programs.
>All the programs I have ever used present accurate information
>in a variety of useful ways, both text-based and graphical.
>The better ones provide hooks for further development.

>What more do you want?

The trend these days is to favor presentation over usefullness and
accuracy...

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

2721. FTP file "pool" for ISS recordings at eavesdroppers

Newsgroup: rec.radio.amateur.space
Date: 2000-11-07 00:00:00 UTC
From: Eavesdropper <ian@eavesdropper.worldonline.co.uk>
Message-ID: <3a08841d@news.server.worldonline.co.uk>
Source record: 7908

WWW.EAVSDROPPER.DABSOL.CO.UK

I have setup a page where you can all upload your recordings of the ISS to share together, we have 100MB currently avaliable for REAL MEDIA FILE FORMATS ONLY.

Go to the above site and access the ISS comms/voice recordings page and PLEASE read it through in full especially taking note on how to name your files before upload to make sure it stays organised and clear for all.

When I have completed my house move I will try to organise a more sophisticated method of upload and display that will be more dynamic but for now this will help us share ourfinds and be usefull for worldwide monitoring.

many thanks

ian koenig

2722. Re: Satelite Tracking for X Windows

Newsgroup: rec.radio.amateur.space
Date: 2000-11-07 00:44:22 UTC
From: marsgal42@hotmail.com
Message-ID: <8u7j95$9rt$1@nnrp1.deja.com>
Source record: 7903

In article <VdHN5.24331$e5.46363@newsfeeds.bigpond.com>,
"David Findlay" <nedz@bigpond.com> wrote:

> I saw the thread about non-x sattrackers, but are there any really
good
> satelite tracking programs for Linux with X, preferably using OpenGL
for
> graphics?

People keep talking about "decent", and now "really good" programs.
All the programs I have ever used present accurate information
in a variety of useful ways, both text-based and graphical.
The better ones provide hooks for further development.

What more do you want?

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..." - Hospital/Shafte

Sent via Deja.com http://www.deja.com/
Before you buy.

2723. Re: ISS on 143.625

Newsgroup: rec.radio.amateur.space
Date: 2000-11-07 02:53:30 UTC
From: Mark <r0mir1@hotmail.com>
Message-ID: <K8KN5.22176$25.4633529@news1.rdc1.ne.home.com>
Source record: 7904
Cross-posted to: rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.misc,alt.ham-radio.vhf-uhf,alt.radio.scanner

I will be ready for them as i am about to purchase a Icom
746 and im going to make that QSO !!!!
"Scott Harvey" <sharveymead@earthlink.net> wrote in message
news:ToBN5.25291$Pw6.1957793@newsread1.prod.itd.earthlink.net...
> With the manning of the International Space Station has come new activity
on
> the Russian Space Programs VHF downlink frequency, 143.625. NASA has
> tracking stations on both coasts to talk with the ISS when they pass over
> these sites. Keep track of the station via a tracking program with the
> latest kep elements for ISS or the NASA channel and monitor 143.625. You
> will hear russian language downlink when they pass over. I was able to
> monitor a horizon to horizon pass at my QTH in the northwest with a
discone
> antenna and my BC230XLT handheld scanner. If you monitor and watch the
NASA
> channel you can get a translation of the conversation. Also listen for
> Amateur Radio activity starting in the near future on 145.800. Have fun
> monitoring, Scott, KA7FVV
>
> --
> --
> Check out these web pages of mine:
> Titanic: http://home.earthlink.net/~sharveymead/titanic.html
> Amateur Radio: http://home.earthlink.net/~ka7fvv/
> Scanner: http://home.earthlink.net/~ka7fvv/scsl.html
>
>

2724. Re: sat.tracking program for linux

Newsgroup: rec.radio.amateur.space
Date: 2000-11-07 05:06:21 UTC
From: hamish@cloud.net.au
Message-ID: <h5MN5.9695$Xx3.42395@news1.eburwd1.vic.optushome.com.au>
Source record: 7905

Rob Janssen <nomail@rob.knoware.nl> wrote:
> I am using SuSE Linux. It looks like Debian provides a package with
> presumably the correct Makefile (but without the Y2K patch!)

Sorry Rob, that's not correct. The Debian package has the Y2K patch.

Hamish (maintainer of the debian sattrack package)
--
Hamish Moffatt VK3SB <hamish@debian.org> <hamish@cloud.net.au>

2725. Re: sat.tracking program for linux

Newsgroup: rec.radio.amateur.space
Date: 2000-11-08 00:00:00 UTC
From: hamish@cloud.net.au
Message-ID: <ZP7O5.10004$Xx3.43142@news1.eburwd1.vic.optushome.com.au>
Source record: 7911

Rob Janssen <nomail@rob.knoware.nl> wrote:
> When I checked (well into this year) it didn't, but apparently it has been
> updated. Good.

Well, I uploaded the fixed package for Debian on January 3. It would have
propagated to Debian mirrors etc by about January 5.

73,
Hamish
--
Hamish Moffatt VK3SB <hamish@debian.org> <hamish@cloud.net.au>

2726. Re: SatTrak won't compile

Newsgroup: rec.radio.amateur.space
Date: 2000-11-08 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn90id22.953.nomail@linux.pe1chl.ampr.org>
Source record: 7912

Jim Jerzycke <kq6ea@amsat.org> wrote:
>Well, I'm running SuSE 6.4 on one machine, and 7.0 on another. I haven't
>(tried to!) compiled it quite a while so I don't recall the error msgs,
>but the hint about the makefile is probably where the problem is.
>Would "make config" then "make" followed by "make install" work? I've
>tried this on other progs that were reluctant to compile and it worked.
>I REALLY don't feel like hand editing a makefile.....NOT one of my
>strong suits!

But you will have to do that... No "make config" or "./configure" in this
case.

You will see that most sections are repeated multiple times.
You need to remove the comment (#) signs on one section, like this:

```
# i386 (i386 with Linux)
#
CPU = i386/Linux
CC_CMACH = -O -DIOCTL
CC_LMACH =
CC = gcc

CC_CUSR = -DHOMEDIR -DREVERSEVIDEO -DSUNTRANSITS -DXWINDOW

X11 = /usr/include/X11

LX11 = -L/usr/X11R6/lib -lX11 -lXt -lICE -lSM # X11R6

CC_CXINC = -I$(X11)

CC_LXINC = $(LX11)
```

(the above are the selections I made in those sections where alternatives
are available in the Makefile. This should work with SuSE)

Rob
--

```
+---------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+---------------------------------+--------------------------------------+
```

2727. EMAIL PROCESSORS WANTED

Newsgroup: rec.radio.amateur.space
Date: 2000-11-08 00:00:00 UTC
From: adenby@consultant.COM
Message-ID: <381025119.973697082186.JavaMail.root@web105-mc>
Source record: 7913

#1 - VERY BRIEF INTRODUCTION

Due to an enormous client list, I can only take serious applicants at this time. I am offering a full or part-time position in processing e-mail. You can work at home. I do require that you have a computer and are familiar with internet/e-mail functions. As to the salary it's totally up to you. You will be running your own business, the sky is the limit. What you will see represents a totally legal money making business that anyone can generate a significant residual income.

You will receive full instructions, and I will always be available to help you and answer your questions. This is a genuine home business. This is not a chain letter, money game, telecom scheme, or any of the multitudes of dubious "business" offers that come through your e-mail box. This business will generate a residual income of $2,000 to $6,000 every month with only part-time commitment (about 10 hours a week).

A full time commitment (about 30 hours a week) based on statistics gathered from associates world wide, will translate into an income of $10,000 or more per month!

To prove my confidence and sincerity in this opportunity, there is NO CHARGE to join us for the first month. You will receive all information to get started plus the first month's information package ($90 value). If by remote chance you are not satisfied with the program after the first month and want to discontinue, you may by all means do so and I will not contact you again.

But on the other hand, if you are satisfied with the program and wish to continue after the first month, that is when you have to pay $90 for the next month's information package. Since you DO NOT pay anything until after you are already earning an incredible residual income, you have absolutely nothing to lose.

IMPORTANT!

If the above opportunity interests you in the least, and you would like more specific information about our business please contact me at adenby@consultant.com and type in the SUBJECT LINE: "FORWARD PROJECT 21 INFO". Insert your full name, your correct e-mail address, and any specific questions you may have at this time in the body of the message.

We are successful only if YOU are successful, and therefore we will do everything in our power to ensure that your relationship with us is a profitable and successful one. I look forward to your response.

Sincerely,
Angela Denby

adenby@consultant.com
http://www.geocities.com/businessgirl2002

_____
FREE Personalized Email at Mail.com
Sign up at http://www.mail.com/?sr=signup

2728. Re: Satelite Tracking for X Windows

Newsgroup: rec.radio.amateur.space
Date: 2000-11-08 00:00:00 UTC
From: Erik van Bronkhorst <kc6uut@subdimension.com>
Message-ID: <3A099B74.CA58F846@subdimension.com>
Source record: 7914

Rob Janssen wrote:

> marsgal42@hotmail.com <marsgal42@hotmail.com> wrote:
> >In article <VdHN5.24331$e5.46363@newsfeeds.bigpond.com>,
> > "David Findlay" <nedz@bigpond.com> wrote:
>
>> I saw the thread about non-x sattrackers, but are there any really
> >good
>> satelite tracking programs for Linux with X, preferably using OpenGL
> >for
>> graphics?
>
> >People keep talking about "decent", and now "really good" programs.
> >All the programs I have ever used present accurate information
> >in a variety of useful ways, both text-based and graphical.
> >The better ones provide hooks for further development.
>
> >What more do you want?
>
> The trend these days is to favor presentation over usefullness and
> accuracy...
>
> Rob
> --

And what better example of this is there than X windows itself?!
--
Erik

2729. FS: TimeStep Weather Satellite Receiving Station

Newsgroup: rec.radio.amateur.space
Date: 2000-11-08 00:00:00 UTC
From: Rick & Gaye <rgdye@quik.com>
Message-ID: <4vjO5.202$%3.100720@newsfeed.intelenet.net>
Source record: 7915

For Sale or Trade TimeStep Weather Receiving Satellite Station. This station is fully automated and will receive Meteosat/GOES, NOAA/Meteor/Okean Polar APT and any other APT or GOES satellite they may put into service. This station has the following equipment. TimeStep SCANNING WEATHER SATELLITE RECEIVER 4.1, TimeStep 1691 MHz METEOSAT/GOES RECEIVER, TimeStep 1691 MHz PREAMP & FEED, TimeStep PROsat for WINDOWS i INTERFACE with SOFTWEAR, TimeStep 137 MHz MASTMOUNT PREAMP, 3 FOOT MESH DISH for 1691 MHz and a Antennaco CY137-2 Crossed Dipole for 137 MHz. Station comes with all cables, power supply, all options and boxes. All you need is 75 ohm or 50 ohm feed line for the two antennas. I bought the station 6 1/2 months ago and it is in like new condition. I paid over $2040 + shipping. I will trade for late model HF or VHF/UHF radios. Like late model FT-847 or ??. I will take any combo, cash radio or sale outright for $1450 + shipping. I will take VISA through X.com's PayPal. I will supply buyer with warrenty info and invoices. I have pics of the station if you want to see them. If you need more info on TimeStep equipment go to www.time-step.com If you need info on PayPal go to www.paypal.com I am an airline pilot so you may catch me on my cell phone at 859-492-9203 or email me. I will supply home number after contacting me via cell phone or email first. Don't want the home number going around the world. Tnxs de AC4VM

2730. Radio Meteor Obs. Bull. October 2000

Newsgroup: rec.radio.amateur.space
Date: 2000-11-08 00:00:00 UTC
From: steyaert@vvs.be
Message-ID: <3a09c60b.10459782@news.innet.be>
Source record: 7916
Cross-posted to: rec.radio.amateur.space,sci.astro.amateur

Radio Meteor Observation Bulletin No. 87 November 2000

1. FORWARD SCATTER METEOR OBSERVATIONS

Observer: Enric Fraile Algeciras
Location: Paseo Bonanova, 8 Barcelona (02 07'E, 41 24' N)
Frequency: 48.24715 MHz.
Transmitter Location: Biedenkopf C2 TV, Video Frequency 48.250 MHz,
ERP 100 kW, Azimuth 90 +/-65
Antenna: 3 element Yagi Azimuth 200 deg (NE), elevation 20 deg
Receiver: home made converter 20 dB gain, 1 dB noise and Kenwood TS-830S.
10 dB attenuator in the receiver to reduce direct reception
Sensitivity: 0.25 uV for 10 dB S/N
Observing method: the audio signal of the video carrier is received using
a narrow CW filter (500 Hz) and fed into the PC in real time.
Data sampling system: own written software "MSD" with sound card.

| Oct 2000
UT | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
---+---
0h| 4 8 4 6 11 5 5 12 11 8 8 5 12 11 5
1 | 12 5 12 2 8 9 9 5 9 4 1 10 7 8 10
2 | 5 4 7 7 6 6 8 14 7 5 3 3 2 2 7
3 | 3 6 1 1 1 3 2 7 9 5 3 8 9 7 10
4 | 17 9 15 1 18 10 13 11 12 13 12 9 11 7 10
5 | 11 11 12 12 10 25 11 5 11 15 12 18 14 6 3
6 | 13 3 8 18 7 15 10 22 5 31 11 29 5 5 2
7 | 17 11 9 23 10 10 13 10 10 18 4 12 7 10 9
8 | 18 16 7 18 17 11 13 7 23 14 12 18 5 11 9
9 | 7 12 25 14 11 11 14 9 8 9 13 2 32 26 9
10 | 8 8 4 5 8 9 15 11 8 14 7 18 22 7 36
11 | 10 9 6 12 7 20 6 10 5 10 7 53 7 14 50
12 | 4 17 5 5 8 7 5 14 4 5 6 2 2 56 17
13 | 6 11 11 3 8 5 12 13 12 4 7 11 14 17 77
14 | 1 8 21 8 6 10 11 7 11 7 3 ? 90 2 54
15 | 2 3 2 3 ? 12 7 8 ? 50 2 ? 50 7 4
16 | 3 5 3 10 ? 9 ? 13 23 9 3 6 4 3 8
17 | 14 4 3 6 ? 27 ? 37 6 16 10 4 2 7 3
18 | 4 4 6 3 5 5 ? 6 3 9 4 11 4 20 9
19 | 2 11 5 1 6 7 2 4 9 27 8 7 5 12 6
20 | 6 4 13 6 7 4 5 10 9 5 10 6 8 9 5
21 | 5 6 11 7 7 11 9 14 10 8 9 17 6 8 5
22 | 3 6 7 3 8 9 5 10 19 9 10 10 4 13 4
23 | 1 6 5 2 4 16 8 10 7 4 8 6 15 9 4

```
---+-------------------------------------------------------------------------
UT | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
| Oct 2000

| Oct 2000
UT | 16 17 18 19 20 21 22 23 24 25 30 31
---+-----------------------------------------------------+---------
0 | 5 6 6 6 34 4 11 7 6 5 75
1 | 5 8 11 4 4 6 7 7 2 7 46
2 | 8 1 8 2 22 2 5 2 0 4 29
3 | 7 3 4 5 33 4 10 9 3 1 19
4 | 12 10 39 8 10 4 22 8 6 8 17
5 | 12 7 8 5 11 11 6 10 9 6 56
6 | 2 11 21 5 6 10 6 15 5 11 65
7 | 6 9 4 38 2 14 13 44 4 4 100
8 | 16 9 19 22 10 9 1 13 34 1 108
9 | 21 15 42 17 51 20 4 17 16 2 88
10 | 19 13 2 3 7 14 12 54 4 1 60
11 | 28 11 4 15 43 6 8 66 3 25 58
12 | 47 70 ? 9 ? 11 22 5 4 37 ?
13 | 4 33 ? 6 ? 3 1 3 19 66 ?
14 | 6 77 6 7 ? 5 4 2 5 ? ?
15 | 31 9 23 4 1 ? 5 11 3 ? 28
16 | 2 5 10 5 3 7? 4 3 1 ? 94
17 | 7 7 4 9 6 ? 6 3 3 39 86
18 | 7 7 6 5 7 9 4 4 12 31 38
19 | 9 11 8 22 8 3 6 3 8 37
20 | 6 5 2 47 3 5 5 5 7 39
21 | 4 6 5 24 13 8 6 2 6 54
22 | 5 3 9 42 8 9 10 8 9 45
23 | 8 2 6 84 8 6 6 1 2 47
---+-----------------------------------------------------+---------
UT | 16 17 18 19 20 21 22 23 24 25 30 31
| Oct 2000
```

Note:
My future projects in meteor detection are:
* complete special receiver (student project, will finish in March 2001)
* change the MSD from CVI language to visual C or Delphi (end 2001)
* get more information with the new MSD (meteor speed, density etc. end 2001)
* interactive WEB meteor detection (end 2001), every one can hear the reflections
in real-time via Internet. Also on can choose some statistics about the reflections.
* put on a new antenna array at the new observatory location (middle or end 2002).

Enric Fraile Algeciras

Observer: Jean-Louis Aillaud

Location: Sainte Clotilde, R&#65533;union Island (55 29' E, 20 52' S)
Frequency: 87.7 MHz, 89.7 MHz (empty frequency for coincidence)
Transmitter location: Madagascar - 850 Km
Antenna : 3 elements Yagi FM horizontal polarisation
elevation 90 deg (zenith), astronomical azimuth: 114 deg (=West)
Receiver 1: FM tuner Technics ST G 450 L (on 87.7 MHz)
Receiver 2: FM tuner TEAC TR 400 (on 89.7 MHz)
observing method: Electronic interface on LINE output audio signal are fed in
COM2: of PC (1) 100 MHz and COM2: of PC (2) 200 MHz
METEOR V4.0 processes the signal and records on hard disk the time
of the events.
METEOR parameters: threshold 10 for 87.7 89.7 MHz
COLORGRAMME V.2 for examined DATA and generates RMOB bulletin
automatically
COLORGRAMME parameters: sum freq 3000

| Oct 2000
UT | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
---+---
0 | 0 0 0 0 0 1 0 0 6 0 0 0 0 0 0
1 | 2 0 0 0 0 1 0 3 2 0 0 0 2 2 0
2 | 2 0 7 0 0 4 2 16 1 0 0 5 0 4 0
3 | 10 0 7 0 0 3 8 0 4 9 0 1 1 0 3
4 | 16 4 11 0 2 9 19 13 20 9 4 13 2 2 14
5 | 2 6 3 9 29 7 7 24 20 3 3 0 3 17 35
6 | 2 9 18 2 18 2 3 17 21 0 7 8 4 10 13
7 | 4 3 16 3 25 4 1 2 24 0 2 3 1 11 7
8 | 2 9 2 6 12 2 0 8 25 4 9 2 10 21
9 | 4 11 12 0 5 2 20 0 2 4 7 3 3 11
10 | 0 14 11 3 16 1 3 9 10 0 0 2 10 9
11 | 0 6 14 0 11 4 7 2 14 0 0 4 14 24
12 | 3 18 19 1 18 2 11 12 26 5 0 7 18 30
13 | 2 38 15 0 20 1 6 21 23 5 0 12 12 20
14 | 8 9 9 0 18 9 17 29 9 14 0 20 17 17
15 | 6 24 15 0 25 12 16 27 9 9 4 13 1 25
16 | 3 14 0 0 8 15 13 9 20 12 4 22 15 35
17 | 5 3 0 0 18 10 14 11 27 18 10 9 11 22
18 | 1 5 0 0 5 19 23 6 6 0 10 11 1 8
19 | 0 0 0 0 9 14 8 2 8 4 10 10 10 12
20 | 0 3 0 0 0 2 4 11 5 4 1 3 2 11
21 | 0 6 0 0 0 2 9 3 7 4 0 0 0 0
22 | 0 4 2 0 0 0 0 0 3 3 0 0 0 3
23 | 0 0 0 0 0 0 2 0 0 3 1 0 2 1
---+---
UT | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
| Oct 2000

| Oct 2000
UT | 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
---+---

```
0 | 0 0 0 2 2 0 0 0 2 0 2 1 1 9 0 4
1 | 3 0 0 3 0 1 1 0 5 0 2 0 0 8 0 0
2 | 8 0 0 1 0 8 3 0 8 0 9 0 0 5 6 0
3 | 7 12 0 8 0 12 3 0 4 10 4 0 2 2 12 4
4 | 14 17 2 0 0 13 4 1 4 16 5 3 12 20 7 10
5 | 5 17 14 1 4 9 6 15 10 5 6 31 0 23 9 3
6 | 15 6 17 2 12 0 0 4 4 10 12 3 0 17 9 7
7 | 5 3 4 15 2 8 0 14 17 3 24 1 6 11 11 6
8 | 3 18 7 4 2 6 1 5 7 6 29 0 7 12 13 3
9 | 7 11 7 12 2 15 13 2 2 4 7 0 15 14 6 2
10 | 11 4 7 5 6 9 1 8 0 2 3 0 16 12 12 4
11 | 15 12 6 2 7 5 2 6 8 2 9 0 5 5 7 3
12 | 13 5 11 11 3 5 13 9 10 3 10 0 8 12 11 5
13 | 15 10 9 9 9 6 3 11 3 10 17 0 5 15 17 6
14 | 16 12 13 5 8 2 7 11 9 0 9 1 20 27 3 7
15 | 9 10 9 7 3 17 5 18 10 2 12 3 17 9 16 8
16 | 12 2 7 0 0 5 9 9 17 7 9 0 20 10 9 5
17 | 16 2 10 2 0 1 0 2 8 2 10 0 8 15 10 9
18 | 2 0 11 1 0 2 1 1 9 0 4 0 19 2 5 10
19 | 0 0 8 3 4 2 0 2 4 5 9 0 4 5 0 0
20 | 5 0 11 0 7 0 0 2 4 3 0 0 2 3 0 0
21 | 0 0 10 0 0 0 0 4 4 1 8 0 4 0 0 7
22 | 0 0 4 0 1 2 0 7 0 0 1 0 6 0 0 0
23 | 0 2 0 0 0 0 0 0 1 0 0 0 3 0 0 0
---+-------------------------------------------------------------
UT | 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
| Oct 2000
```

Jean-Louis Aillaud

Observer: Michael Boschat
Location: Halifax, Canada (63 36'W, 44 39'N, 58 meters above sea level)
Listening Frequency: 83.24 MHz
Receiver: Icom R-10
Antenna : resonant dipole
Antenna Direction: Horizontally polarized with lobes in E-W plane, elev 0 deg
Filter : high-Q (Q at least 300) bandpass filter between antenna & receiver.
Listening Mode: CW
Recording method: listening by ear

October 2000

Number of meteors heard in one hour interval

```
2000| UT
Oct | 10 11 12 13 14 15 16 17
----+------------------------------
4 | - - 20 18 20 21 14 13
5 | - - 4* 7* 3* - - -
6 | - 13 19 30 5* - - -
7 | - - 7 7 12 6 - -
```

```
8 | - - - 22 18 - - -
9 | - - 7 10 6 3 - -
10 | - - 2 11 5 - - -
11 | - - - - - - - -
12 | - - 6 13 7 9 - -
13 | - 8 6 17 13 23 8 -
14 | 4 6 19 21 24 34 10 9
15 | - 12 8 14 12 - - -
16 | - 20 12 21 14 15 11 -
17 | - 8 23 12 15 9 - -
18 | - 8 27 16 20 11 - -
19 | - 18 20 17 17 - - -
20 | - 21 19 21 11 - - -
21 | - 8 7 7 - - - -
22 | - - 6 9 13 10 - -
23 | - 32 21 22 25 23 21 8
24 | - - - - - - - -
25 | - 4 6 22 13 - - -
26 | 7 9 11 20 14 15 - -
27 | - - - - - - - -
28 | - - - 13 8 12 11 -
29 | - - - 8 9 11 19 -
----+------------------------------
Oct | 10 11 12 13 14 15 16 17
2000| UT
```

Notes:
. no corrections for radiant position made to the counts
. - = no observations made
. * = Interference

Mike Boschat

Observer: Maurice De Meyere
Location: Deurle, Belgium (3 37' E, 51 00' N)
Frequency: 66.51 MHz
Transmitter locations (all stations of more than 10 kW):
66.35 MHz, Klaipeda, Lithuania 12 kW, 05h00-22h00
66.47 Viesintos Lithuania 12 05h00-22h00
66.62 Budapest Hungary 100 24hrs
66.68 Valmiera Latvia 20 04h30-22h00
Antenna: crossed Yagi (x form), 4 elements, astronomical azimuth 270 deg (= E), elevation 27 deg.
Antenna amplifier: 25 dB max level 90 dBmuV
Receiver: commercial, Progresson 447A, TESLA (Bratislava)
The receiver was calibrated with a Marconi TF2008 signal generator. Sensitivity: 5 muV (modulation frequency 1000 Hz, frequency sweep 38 kHz) at (S+N)/N = 20 dB.
SWR of antenna alone at 66.5 MHz: 1.4/1 (good to very good), measured with MFJ/259P SWR analyzer (HF-VHF 1.8 MHz to 170 MHz)

on Sep 28, 1998.
Observing method: automated setup, 150 samples/second, 8 bit resolution.
[Time and details of all individual meteor reflections are stored
on file in the Ghent University format (Prometeos), and are
available for further analysis. Reduction software for DOS and
Windows available].

October 2000

Raw counts of reflections with a duration of at least 0.027 s
during one hour interval starting at UT:

Oct	UT										
2000	20h	21	22	23	00	01	02	03	04	05	06	07
1- 2	44	48	13	26	17	25	119	137	112	130	129
2- 3	50	41	25	33	21	35	98	103	135	?	109
3- 4	35	53	35	40	26	25	79	83	171	138	124
4- 5	40	37	30	41	20	40	87	107	119	?	110
5- 6											
6- 7	20	32	44	37	37	46	96	86	100	144	62
7- 8	21	31	25	27	30	33	64	171	128	118	99
8- 9	36	33	23	34	38	54	116	122	164	180	156
9-10	49	37	31	28	23	42	88	138	133	129	116
10-11	44	40	42	41	29	48	88	102	141	128	55
11-12	37	27	17	44	38	49	132	117	111	144	137
12-13	27	30	25	21	24	36	73	91	115	175	116
13-14	33	36	32	36	23	58	114	130	151	113	115
14-15	48	27	39	32	21	62	145	140	113	73	
15-16	41	59	27	27	27	24	146	153	129	166	79
16-17	50	49	43	74	84	68	124	162	?	206?	124
17-18	69?	44	24	16	26	44	136	191	175	?	171
18-19	41	67	41	57	18	30	141	156	186	154	120
19-20	47	49	25	34	27	64	150	192	181	202	136
20-21	43	46	21	24	26	36	127	290	203	178	199
21-22	63	53	29	22	25	23	66	158	208	112	105
22-23	38	80	13	15	21	92	156	153	260	205	125
23-24	36	55	23	19	31	72	136	185	235	?	153
24-25											
25-26	12	34	40	21	34	47	109	119	121	112	78
26-27	17	26	14	18	44	42	99	143	114	?	156
27-28	21	33	22	23	23	34	65	83	108	91	56
28-29	17	24	30	27	41	36	41	71	152	94	120	55
29-30	54	43	34	49	54	46	99	98	142	105	67
30-31	27	37	30	46	43	47	95	97	126	120	109
31-01	25	47	30	47	34	33	93	99	100	90	79
2000	20h	21	22	23	00	01	02	03	04	05	06	07
Oct	UT										

Raw counts of reflections with a duration of at least 1.000 s
during one hour interval starting at UT:

```
Oct | UT
2000 | 20h 21 22 23 00 01 02 03 04 05 06 07
------+-----------------------------------------------------------
1- 2 | 4 5 2 4 3 2 16 20 13 16 11
2- 3 | 6 3 2 5 1 4 12 10 19 ? 13
3- 4 | 4 6 7 10* 4 6* 9 9 30 26 31*
4- 5 | 3 0 9* 10* 1 4 8 14 28* ? 39*
5- 6 |
6- 7 | 3 5 3 4 9* 5 18 14 16 26 13*
7- 8 | 2 1 0 5 2 3 12 28 16 15 12
8- 9 | 5 8* 3 7* 2 5 15 19 32 33 31
9-10 | 10* 3 8* 5 8* 6 10 19 20 15 22
10-11 | 3 3 4 6 4 5 9 10 22 20 5
11-12 | 3 2 2 8 6 11* 30? 15 9 24 19
12-13 | 1 4 5 2 3 3 5 12 26* 56* 26*
13-14 | 2 5 8* 4 5* 10 19 22 18 13 29*
14-15 | 15? 2 2 2 3 12 15 21 19 14
15-16 | 12? 7 5 5 1 3 18 9 18 33 16*
16-17 | 5 6 10* 9 11 16* 22 20 50 36 19
17-18 | 6 6 3 5* 5 8 17 27 32 ? 41*
18-19 | 6 8 4 11 1 3 14 30 31 23 20
19-20 | 9 9 2 10* 4 10 22 36 25 40* 25
20-21 | 5 7 1 5* 4 7 12 51 29 37* 49*
21-22 | 9 6 8* 4 3 2 11 30 37 13 8
22-23 | 4 20* 1 1 5* 18 23 20 68* 59* 40*
23-24 | 3 9 1 3 5 10 27 19 42 42 25
24-25 |
25-26 | 3* 7* 6 4 6 6 17 12 11 19 10
26-27 | 1 3 2 3 9* 9* 13 18 16 29 38*
27-28 | 1 1 3 1 3 4 7 14 17 12 9
28-29 | 3 6* 4 3 6 4 4 16* 24 9 15 6
29-30 | 15? 6 5 10* 9 4 13 14 28 12 12
30-31 | 2 3 2 10* 11* 9 12 14 14 10 23*
31-01 | 1 7 2 9 3 5 15 13 11 19* 22*
------+-----------------------------------------------------------
2000 | 20h 21 22 23 00 01 02 03 04 05 06 07
Oct | UT
```

Notes:
. ? probably affected by sporadic-E, tropo, direct reception.
. * warning for relative high number of long duration reflections,
an indication for potential stream activity.
. local time = UT + 2 hours
change to winter hour on Oct 29, 2h UT (local time = UT + 1 hour)
. changed trigger level to 20 AD counts starting Oct 2000 (previously
6 AD counts since the start of the observations in 1993).
As expected this setup is less sensitive to (low volume) interference.

Maurice De Meyere

Location: Astronomical Observatory, Ghent University, Belgium
(ED50 coordinates: 3 42' 32" E, 51 01' 25" N)
Antenna (2x): 4 elements horizontal Yagi, pointed East, elevation 20 deg
Antenna amplifier: 10 dB gain
narrow band resonance lambda/4 antenna filter
Frequency: (1)=66.29 MHz (signal) and (2)=65.3 MHz (interference control)
Receiver (2x): modified commercial FM receiver
Data acquisition: 12 bits PC-based A/D convertor, 250 Hz sampling rate
Interference rejection:
dual setup: receiver (1) tuned at distant transmitter, receiver (2)
tuned at empty frequency. Anti-coincidence measurement rejects
registration of broadbanded spurious signals (lightning, computers,
ignition motors, etc).
Further information:
see WWW page (additional info + observational data)
http://allserv.rug.ac.be/~hdejongh/astro/meteor/meteor.html
Data format:
results are shown as total reflection time, expressed as
a percentage. The actual number shows 10 times this value.
When no figure is shown, the equipment was either out of service,
or results could have been affected by interference, sporadic-E.

| Oct 2000 | 10x % reflec. time | horiz: day | vert: time UT|

| 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
---+---
0 | 14 21 17 6 8 16 18 13 20 12 9 7 35 21 17
1 | 13 18 16 11 12 18 26 20 16 24 15 19 19 18 31
2 | 17 40 41 26 22 37 32 33 37 26 17 18 22 44 50
3 | 32 45 57 30 24 48 55 66 41 50 50 25 37 44 42
4 | 68 57 54 25 21 77 49 45 52 46 62 26 38 40 62
5 | 61 58 63 87 46 49 68 50 48 53 42 42 40 28 24
6 | 50 60 59 104 42 35 55 55 96 88 41 38 56 44 29
7 | 63 90 37 36 24 32 38 48 38 53 31 31 94 39 51
8 | 63 69 36 38 40 32 45 65 52 15 45 20 51 60 29
9 | 49 62 39 29 72 18 39 61 60 15 22 26 43 47 43
10 | 44 62 37 13 55 36 35 29 38 20 21 33 54 45 64
11 | 26 58 39 17 45 15 22 17 33 14 18 27 22 52 74
12 | 22 30 11 49 11 27 43 32 13 8 8 37 21 22
13 | 27 24 22 15 15 17 18 21 10 15 9 20 23 18
14 | 12 11 11 10 27 23 31 21 13 6 10 21 11 6 13
15 | 9 17 10 8 22 9 14 12 7 3 6 9 11 14 8
16 | 13 7 5 4 17 13 18 35 8 7 8 10 23 9 19
17 | 11 5 8 73 9 10 15 10 12 7 3 11 15 5 11
18 | 10 12 14 7 21 20 15 10 13 14 5 10 24 13 18
19 | 17 10 12 12 12 22 18 18 18 15 12 13 22 17 20
20 | 25 27 42 39 15 32 27 27 18 17 18 16 29 31 40
21 | 19 15 13 13 13 21 23 21 25 18 20 26 20 20 49
22 | 11 9 5 6 10 10 4 12 10 15 7 8 18 5 17

```
23 | 10 13 11 13 7 12 9 13 10 14 3 17 8 16 9
---+-----------------------------------------------------------
| 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

-----------------------------------------------------------------
| Oct 2000 | 10x % reflec. time | horiz: day | vert: time in UT|
-----------------------------------------------------------------
| 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
---+-------------------------------------------------------------
0 | 24 32 15 26 20 37 24 47 15 12 16 21 8 10 14
1 | 14 33 18 36 26 43 45 44 26 29 24 17 15 17 19
2 | 38 75 20 46 28 64 79 46 27 43 31 32 37 23 26
3 | 46 70 38 115 61 119 82 72 45 40 54 39 43 33 22
4 | 25 79 35 75 35 93 84 61 59 36 46 34 66 49 39
5 | 70 67 60 84 56 79 52 85 79 38 56 62 50 34 59
6 | 54 48 46 54 41 61 44 36 61 25 55 45 52 19 17
7 | 38 21 55 15 40 43 10 74 45 59 54 51
8 | 61 17 41 16 40 44 25 24 32 71 29 25 55
9 | 19 46 6 50 23 90 37 24 28 21 21 19 20 59
10 | 31 25 13 23 15 43 26 12 22 18 16 13 27 36
11 | 32 70 28 11 19 14 45 24 13 14 15 21 28 25
12 | 21 13 8 13 11 80 19 15 30 12 16 13 17 12
13 | 19 7 33 7 11 12 23 11 27 40 28 42 19 27
14 | 9 4 10 10 10 16 14 6 11 11 10 11 16 17
15 | 8 6 13 5 7 20 17 8 23 6 14 11 15 21
16 | 14 5 14 5 12 9 11 6 9 11 7 6 6 13
17 | 15 6 7 4 9 11 11 7 8 10 12 5 23 6
18 | 13 3 11 9 9 10 19 4 12 8 6 5 10 9
19 | 18 17 13 7 21 14 15 9 14 24 9 10 21 18
20 | 30 17 40 28 27 26 15 11 21 13 14 12 21 17
21 | 17 15 22 13 67 22 26 16 16 11 19 10 21 18
22 | 16 10 10 7 9 11 10 4 7 15 4 13 10 13
23 | 32 7 28 20 16 14 20 12 12 9 10 10 17 18
---+-------------------------------------------------------------
| 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
```

Note:
. nothing special to mention, besides the fact that the first autumn
storm downed the antenna on the roof of university building S9
on Oct 30 between 7 and 8 h UT.

Pierre De Groote

Observer: Rafael Haag
Location: Porto Alegre - Brazil (51 15' W, 30 10' S)
Frequency: 89.9 MHz
Receiver: Home made transverter plus narrow band FM(ICV-68) (B=15 kHz)
detected signal level >-125 dBm.
FM detection, no pulse noise rejection required.
Antenna: 2-el. Yagi, 6 meters high, azimuth 200 deg, polarisation V,

elevation: 30 deg
Data sampling system: PC 286. Software same Ilkka Yrjola, threshold triggering.
Computer logs total hourly elapsed reflection time, number of
triggers for the hour, the longest time the signal was
continuously above detection level for the hour.

Oct 2000 horiz: day vert: local time (LT) (UT=LT+2)

LT	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
0h	56	32	42	79	71	58	52	57	59	44	77	PP	49	70	??
1	71	42	49	67	63	73	67	59	69	52	73	PP	62	71	52
2	79	64	121	73	63	89	73	63	94	71	84	PP	69	83	68
3	91	99	98	95	99	95	88	68	109	92	111	103	66	123	79
4	87	121	111	84	92	139	92	82	115	89	121	117	69	102	42
5	99	124	125	146	100	124	74	79	127	78	139	141	72	121	53
6	113	134	129	127	105	123	89	72	123	95	101	99	70	84	71
7	88	122	131	92	130	99	71	89	123	99	85	94	54	68	57
8	99	112	138	86	70	82	49	74	53	93	67	79	51	53	59
9	68	95	127	67	74	79	56	71	91	67	51	56	49	61	75
10	62	88	100	86	72	62	63	52	62	41	50	44	34	47	48
11	72	72	82	68	50	51	70	55	48	30	39	39	36	39	49
12	55	61	72	32	39	59	33	53	35	45	27	37	20	32	33
13	49	44	62	39	49	40	19	26	37	35	30	41	24	19	28
14	34	39	55	24	32	18	39	28	44	57	19	27	16	36	33
15	29	30	39	21	27	22	30	17	23	27	32	19	19	29	25
16	35	31	31	13	23	19	23	15	19	19	34	20	17	30	21
17	24	29	30	18	31	30	18	29	24	27	23	19	20	15	26
18	24	27	26	16	33	28	29	32	37	31	29	31	29	28	21
19	49	30	29	31	40	29	27	40	42	39	32	42	33	29	39
20	41	??	31	41	39	48	38	41	32	??	PP	49	51	??	48
21	31	??	42	55	36	40	40	38	27	??	PP	??	59	??	??
22	19	35	48	76	39	38	44	42	33	??	PP	??	33	??	??
23	32	44	42	43	49	43	54	43	39	??	PP	39	46	??	42

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

Oct 2000 horiz: day vert: local time (LT) (UT=LT+2)

LT	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
0h	59	57	49	53	56	54	48	52	79	72	??	47	40	76	57
1	65	52	57	66	67	64	62	67	73	73	76	55	72	82	69
2	54	64	71	97	80	92	79	86	120	97	89	86	84	88	91
3	66	76	99	110	86	107	129	128	137	114	104	116	70	110	100
4	78	83	86	95	78	131	132	118	159	132	112	97	89	119	84
5	93	65	90	94	79	149	138	133	129	162	121	84	98	85	63
6	76	49	84	88	58	169	59	102	132	148	98	71	103	104	61
7	77	53	56	75	44	133	87	97	88	126	105	70	75	94	70
8	69	58	34	58	65	121	67	85	91	79	56	49	58	75	59
9	57	78	23	48	40	77	75	90	77	66	61	42	70	47	57

```
10 | 48 63 20 42 41 42 44 79 69 57 43 38 63 51 42
11 | 37 52 30 39 33 34 47 65 57 41 39 42 37 37 43
12 | 34 54 32 40 27 26 37 40 43 30 37 30 39 22 51
13 | 27 39 29 28 42 26 29 42 57 33 35 29 33 29 47
14 | 23 44 29 19 25 19 27 35 39 33 29 32 26 21 32
15 | 20 24 27 16 19 15 25 29 40 21 27 25 33 39 36
16 | 19 29 24 19 15 18 20 24 27 27 24 20 23 27 27
17 | 24 28 26 17 14 14 22 26 30 28 18 22 22 24 26
18 | 21 31 30 21 20 15 24 17 19 29 21 19 26 27 28
19 | 30 28 39 25 24 18 32 31 28 ?? 15 21 30 29 19
20 | 35 ?? 37 ?? 29 22 36 25 39 ?? 26 34 41 38 32
21 | 34 ?? 48 ?? ?? ?? 24 32 44 ?? 32 27 44 33 43
22 | 41 ?? 32 67 ?? ?? 51 45 40 ?? 39 21 38 42 47
23 | 45 47 51 70 47 36 39 63 58 ?? 43 29 49 48 46
-----+------------------------------------------------------------
| 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
```

Notes:
. PP = power failure
. ?? = transequatorial propagation, interference from Caribbean and
Peru stations.

Rafael Haag

Observer: H. W. Kelsey
Location: Conway, Arkansas USA (92 25' W, 35 02' N)
Frequency: 89.5 MHz
Transmitter: Tulsa OK & Salina/Manhattan KS
Receiver: Sangean 803A
Antenna: Yagi Heading: SNW
Observing Method: Recorded on Audio Tape

Underdense/Overdense Scale:
Overdense: 0.5 second or more duration
Underdense: less than 0.5 second duration

Each observed hour is 60 minutes, exactly

Oct Over- Under-
2000 Hr-UT dense dense Total

---

01 0730-0830 8 15 23
02 1330-1430 Lost to Tropo Ducting (TD) Daylight (DL)
03 0730-0830 9 19 28
04 0800-0900 10 17 27
05 0700-0800 8 11 19
06 0730-0830 14 19 33
07 0730-0830 5 26 31
08 0730-0830 20 30 50
09 0730-0830 9 18 27
10 0730-0830 6 7 13

11 0715-0815 7 15 22
12 0715-0815 Lost to Tropo Ducting (TD)
13 1000-1100 3 18 21
14 0900-1000 11 16 27
15 0900-1000 21 39 60
16 0900-1000 31 48 79
17 0900-1000 14 19 33
18 0845-0945 7 18 25
19 0700-0800 5 12 17
20 0700-0800 18 14 32
21 0700-0800 21 38 59
1245-1345 7 23 30
22 0645-0745 15 27 42
23 0645-0745 8 10 18
24 0645-0745 3 16 19
25 0645-0745 24 15 39
27 0800-0900 8 9 17
28 0830-0930 5 12 17
29 0930-1030 5 13 18
30 0930-1030 15 22 35
31 0930-1030 8 17 25

Will Kelsey

Observer: Sadao Okamoto
Location: Damine Meteor Observatory, Japan (137.53 E, 35.07 N)
Transmitter: HAM beacon (JA9YDB) for RMO (50 W CW, 53.7500 MHz) by
JA9BOH Kimio Maegawa. No modulation except for identification.
Antenna: 2 element Cross Yagi 4 dBi aiming to Zenith. Omni-directional
in azimuth and elevation above 15 deg elevation.
Location: Fukui-NCT at Sabae city (136.2 E, 35.9 N)
At present time about 10 observers are listing for
Kimio Maegawa's 53.75 MHz beacon.
Receiver: IC575
Antenna: 2 element Yagi, pointed to the zenith.
Observing method: FFTDSP software, manual count.

Hourly echoes over 10 dB SNR
2000
Sep|00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23JST
Sep|15 16 17 18 19 20 21 22 23 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 UT
---+---
1 |28 60 65 65 61@51@55@37@48@31@29@34 29 23 16 19 18 15 18 26 39 33 47 43
2 |50 46 48 65 42 49 44 44@55 25 13 25 28 23 26 21 18@15@12 12 29 39 47 37
3 |36 60 62 59 56@54@48 41 -- 9 18 21 21@21 n n 5 11 22 16 22 42 42 37
4 |53 63 58 78 75 65 75 80@51 38 30 14 44 33 14 25 22 19 20 19 23 42 58 55
5 |54 58 72 69 68 67 61@68@42 36 25 24 30 24 29 29 28 18 21 13 24 50 52 60
6 |53 57 55 63 47 66 57 60@45 42 35 14 20 19 29 32 15 24 14 17 22 30 45 45
7 |42 43 52 49 46 51 61 46@32 26 17 29 24 20 18 8 11 13 8 21 29 36 34 42
8 |34 43 51 65 71 48 41 44@28 25 19 20 22 28 13 9 13 9 11 20 16 35 37 29

```
9 |35 44 52 47 43 49 38 36@28 25 19 19 21 15 15 n n@13 21 17 18 35 30 36
10 |36 51 47 49 37 49 45@28@23 26 16 17 14 19 18 24 16 7 12 16 11 25 31 43
11 |25 50 59 42 26 23 25 25@54 41 23 31 23 29 25 20 e e 29 29 26 39 51 32
12 |47 51 49 73 56 62 52 64@48 48 32 21 35 27 19 29 n@18 21 15 23 33 36 44
13 |36 36 48 65 63 37 58 39@40 24 21 23 21 28 19 25@13 e@13 22 10 32 36 32
14 |51 51 51 62 49 46 59 60@40 32 23 20 23 15@28 n n n 16 8 15 26 36 26
15 |33 42 58 59 51 51 53 54@55 20 @7 14 18 16 14 14 n 9 16 10 25 34 26 28
16 |32 38 57 38 46 52@33@27@24 23 23 28 28 16 6 23 9 19 18 18 25 37 46 42
17 |33 46 55 51 60 55@34 30@32 30 19 26 26 19 22 29 9 17 14 12 21 34 45 43
18 |37 52 59 67 62 51 70 36@27 16 16 7 10 14 8 10 6 17 13 15 23 41 44 40
19 |44 51 77 87 55 59 53 56@30 24 14@14 n 14 6 9@24 9 15 17 20 40 42 39
20 |30 62 76 46 54 56 57 53@20 21 13 10 13 12 21 10 e e 11 9 13 n n n
21 |23 n 61 66 47 63 55 59@21 16 12 6 13 19 e e@14 n 24 13 21 30 50 43
22 |33 35 42 60 e@42@43 38@21 13 10 11 14 16 9 11 n 7 11 20 16 53 49 40
23 |40 41 72 59 62 64 55 52@38 25 23 29 41 29 24 28 23 15 24 16 19 39 37 48
24 |47 40 43 51 67 65 71 47@30 36 20 15 7 13 16@14 18 17 26 17 25 35 22 36
25 |28 61 84 78 79 52 70@24@23 n @9 14 10 11 5 14 16@24 21 23 26 36 30 37
26 |53 68 56 52 82 56 48 34@27 13 10 15 10 7 6 5 9 15 14 11 25 45 40 42
27 |50 53 79 67 66 83 65 37 n n n 12 15 7 1 2 6 14 13 10 16 28 44 49
28 |54 57 74 60 79 73 83 30@34 11 n@19 9 8 6 8@13 19 n@19 15 26 57 37
29 |46 42 67 68 53 67 88 62@36 36 17 20 22 21 14 n n 20 14@18@25 n n n
30 | e@47@40 46 55 66 69 60 n 14 17 27 38 22 26@16 n 15 9 11 25 47 42 45
---+--------------------------------------------------------------------------
Sep|15 16 17 18 19 20 21 22 23 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 UT
Sep|00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23JST
2000

Echoes with duration > 5 s
2000
Sep|00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23JST
Sep|15 16 17 18 19 20 21 22 23 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 UT
---+--------------------------------------------------------------------------
1 | 2 2 3 3 8 4 3 2 1 2 1 1 2 1 2 2 1 1 2
2 | 3 1 3 2 1 3 6 3 4 2 1 1 1 1 1 1 2 2 1 3
3 | 3 3 7 3 3 1 4 3 1 2 5 3 2 2 1 1
4 | 2 2 6 4 4 2 5 2 7 4 4 1 2 3 1 1 1 1
5 | 2 2 6 6 2 7 2 1 3 1 1 3 3 1
6 | 2 2 6 4 2 2 3 7 3 2 2 2 1 2 1 1 3 1
7 | 2 2 4 2 1 9 4 2 1 1 1 2 2 1 1 1 2
8 | 2 3 4 3 3 6 3 4 5 2 1 1 2 1 1
9 | 5 2 3 2 1 2 3 2 5 3 2 1 2 1 2 2 1
10 | 2 1 3 2 5 5 1 1 1 1 2 1 1 1
11 | 4 1 1 1 3 3 2 2 2 2 1 3 1 1
12 | 1 3 3 3 10 7 5 8 5 3 2 2 3 1 1 1 1 1 1
13 | 1 2 2 2 5 4 4 2 1 2 1 1 1 3 1 1 1
14 | 1 5 3 3 2 2 6 3 1 2 1 1 3 3
15 | 1 4 2 2 1 4 1 1 1 3 1 1
16 | 1 1 2 5 2 2 3 1 2 1 1 1 2 1 1 1 2 1
17 | 1 1 4 2 4 6 2 1 2 1 1 1 1 1 3
18 | 1 2 5 3 1 4 2 3 2 1 1 1 1 1 1
```

```
19 | 3 1 7 5 6 4 6 8 1 1 2 2 1 3 1
20 | 1 6 3 1 3 6 1 4 2 1 1 1
21 | 2 2 6 4 5 1 6 3 1 2 2
22 | 3 2 2 2 2 1 1 3 1 1 1 1 1 2
23 | 1 1 3 3 3 5 1 3 3 1 1 1 2 2
24 | 1 1 2 4 1 3 5 1 1 1 1 2 1
25 | 1 2 3 2 2 3 3 2 1 2
26 | 3 2 1 2 4 2 3 1 1
27 | 2 4 4 1 1 4 4 2 1 1 1 1 2 2
28 | 3 2 2 4 3 4 5 2 2 2 3
29 | 1 6 2 4 6 3 3 1 2 2 2 2 1
30 | 2 2 4 8 4 1 1 1 2 1 1 1 1 2 1 1
---+--------------------------------------------------------------------------
Sep|15 16 17 18 19 20 21 22 23 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 UT
Sep|00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23JST
2000

Daily rate of long echoes (T > 20 s)
2000
Sep 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
---------------------------------------------------------------
Count 6 4 3 1 4 4 3 4 2 0 2 5 2 4 0

Sep 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
---------------------------------------------------------------
Count 3 5 0 6 4 0 4 1 2 1 2 2 3 4 2

Hourly echoes over 10 dB SNR
2000
Oct|00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23JST
Oct|15 16 17 18 19 20 21 22 23 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 UT
---+--------------------------------------------------------------------------
1|43 41 59 80 44 38 44 56 n@39@28 17 9 n n n n n 21 21 16 n n 23
2|51 50 63 67 57 54@76@60@44 39 36 29 27 27 21 n n n n n 20 e e 24
3|42 49 75 65 52 49 86 61 55 32 35 16 14 15 9 n n 12@23 20 17 48 49 57
4|75 61 92 92 49 66 67 68@38 20 16 18 25 17 11 11 9 17 11 10 23 45 46 48
5|62 67 89 86 58 52 74 83@35 29 24 n 13 13 14 16 27 20 17 21 28 60 55 48
6|61 65 79 88 66 77 81 56@24@24 n e n 20 14 e e e n@19@12 14 e n
7| n 45 86 78 71 56 69 44@24 n n 22 28 20 14 22 n n 11 14 29 46 27 40
8|55 53 91 59 48 70 53 55@47 19 19 19 25@12 e n n n@21 14 32 n 23 31
9|35 69 70 81 58 61 61 67@48 29 33 39 21 18 15 20 15 15 16 20 43 33 33 28
10|63 63 57 75 72 63 92 54@32 25 18 24 15 18 28 n n 18 16 20 33@32 31 41
11|41 67 75 77 67 49 60 41@39 32 24 16 n 16 19 n n@16 16 7 12 48 n n
12| e e 63 64 67 58 53 48@28 11 12 10 e e e n@12 13 12 n n n e e
13| e 70 69 86 83 44 48 53@31 33 24 6@12 e n n n n 10 12 29 46 57 52
14|44 71 82 67 75 75 70 44@30 14 n n 8 10 n 6@13 21 14@14 18 38 43 35
15|47 65 81 79 53 51 60 48@36 n n e e n n n n@13 19 14 25 25 43 35
16|47 53 74 71 77 52 72 62@36 34 25 13 20 n n n n n n@11 23 40 37 47
17|38 58 97 68 76 73 63 58@51 43 17 15 17 27 n n n n n n 26 48 37 24
18|23 68 73 96 57 42 48 54@27 42 23 29 26 18 17 n n n n@19 16 n n n
19|27 58 73 78 72 72 61 49@39 29 24 20 20 13 12 23 19 15 16 26 28 53 45 37
```

```
20|44 56 73 73 81 68 61 63@43 24 30 23 26 20 27 n n n n 18@19 n 31 44
21|45 64 84 81 79 74 55 58@48 25 30@20 24 6 @9 e n 21 15 18 14 40 43 32
22|46 80 78 75 71 71 78 69@51 39 35 26 23 27 17 e 20 20 22 12 21 41 44 53
23|41 59 66 64 62 72 66 65@32 32 n 29 36 30 23 18 16 7 15 13 28 19 37 28
24|37 52 61 63 51 59 58 61@45 33 19 19 25 28 15 13 e @9 18 15 20 37 41 40
25|44 65 77 60 58 64 63 49@49 44 30 22 e 29 n n n n n@15 26 35 55 26
26|38 58 65 52 64 81 70 66@39 42 26 24 16 17 n n n n 20 30 31@40 25@26
27|48 52 60 53 69 51 58 51@33 20 18 17 12@25 n n n n n e e n 34 35
28|37 47 83 75 63 60 54 63@42 25 40 30@29 n n@16 21 19 22 16 23 17 37 29
29|34 56 61 70 58 57 70 52@50 47 37 25 27 20 22 18 22 13 18 16 19 32 47 41
30|37 40 60 47 60 45 55@64@48 38 17 24 n n n @5 18 n n 17 24 33 44 44
31|42 58 60 62 64 71 60 55@61 21 20 n n n n n n n n n n n 29 41
---+--------------------------------------------------------------------------
Oct|15 16 17 18 19 20 21 22 23 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 UT
Oct|00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23JST
2000

Echoes with duration > 5 s
2000
Oct|00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23JST
Oct|15 16 17 18 19 20 21 22 23 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 UT
---+--------------------------------------------------------------------------
1| 1 1 3 4 3 1 3 3 1 2 1 1
2| 1 3 4 5 5 1 3 6 3 3 3 1 1
3| 1 1 3 1 2 3 6 4 3 3 2 2 2 1 1 1 4 1
4| 5 1 1 4 2 7 3 1 1 2 1 1 1 1 1
5| 1 2 1 3 6 2 6 2 1 2 4 1 1 1 5 4 4
6| 1 2 3 3 2 3 7 5 1 1 1 1 2
7| 3 2 4 3 1 1 3 1 2 1 1 1
8| 1 3 1 5 5 5 5 3 2 2 1 1
9| 1 1 1 7 5 5 7 2 1 1 1 1
10| 3 2 1 6 6 4 3 3 2 1 1 1 1 1 1
11| 1 1 3 1 2 5 5 1 1 1 1 2
12| 2 2 4 5 2 1
13| 3 4 3 1 3 2 2 2 3 2 1 1 1 1
14| 2 6 2 1 2 2 1 1 1 1 2 1 1 3 2
15| 3 1 3 2 2 3 2 4 1 1 1 2 2 3
16| 3 2 6 4 3 2 8 1 1 2 3 2 2
17| 1 4 5 10 6 9 2 1 2 2 2 3 2
18| 5 1 7 4 2 3 3 4 3 1 1
19| 1 2 11 7 6 5 3 5 1 3 1 4 1 3 1 3
20| 5 3 3 4 2 6 3 5 1 1 1 1 2 1
21| 4 4 2 6 5 3 4 3 1 5 2 1 1 1 1 3 2
22| 2 4 5 6 3 6 6 4 2 1 1 1 1 1 2 1
23| 2 8 2 5 4 8 4 3 2 1 4 2 3 1 3 1
24| 5 3 2 3 2 4 3 3 3 1 1 1 2 1 1 1
25| 3 6 4 1 4 2 8 2 1 1 2 1 1
26| 3 7 5 3 2 3 3 2 2 2 1 1 2
27| 1 4 1 4 3 3 7 4 1 1
28| 2 7 3 3 1 7 2 1 3 2 2 1 1
```

```
29| 1 3 3 3 3 4 3 3 1 2 2 1 3 1 1 1 1 1
30| 2 1 1 5 2 4 5 2 1 4 2 1 1
31| 2 2 1 2 3 4 2 4 3
---+-------------------------------------------------------------------------
Oct|15 16 17 18 19 20 21 22 23 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 UT
Oct|00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23JST
2000
```

Daily rate of long echoes (T > 20 s)

```
2000
Oct 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
-----------------------------------------------------------------
Count 0 2 2 4 6 1 2 1 2 1 0 6 2 0 1

Oct 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
-----------------------------------------------------------------
Count 0 1 6 4 1 3 12 7 0 4 7 3 4 4 2 3
```

Notes:
. Giacobinids activity could not clearly be observed.
. The maximum of the Orionids activity was best observed in the long echoes
on 22th October.
-: lost counts because of high noise level or machine failure.
@: Hourly rate estimated by effective observation time less than 60 min.
n: Contamination due to radio noise or interference
e: Contamination due to sporadic E opening
f: No data available due to TX or RX failure
JST = UT + 9 h

Sadao Okamoto

Observer: Ton Schoenmaker
Location: Roden, Netherlands (06 26' E, 53 08' N)
Frequency: 55.275 MHz
Transmitter: Spanish TV channel E3 (video); transmitters in La Muela (30 kW),
Gamoniteiro (50 kW) and Aitana (60 kW); all stations within
100 Hz of nominal frequency; distance ~ 1500 km
Antenna: 3-elements horizontal Cushcraft 50 MHz Yagi tuned to 55.3 MHz;
geographical azimuth 210 degrees (SW)
Receiver: Yupiteru MVT-9000 in USB mode; sensitivity 0.5 uV at 12 dB S/N
Observing: 800 Hz audio signal from ear-phone socket was rectified, digitised
and fed into a PC via the parallel computer port. HP VEE was used
to process the digitised signal and to store 15-minutes counts of
reflections stronger than 0.22 uV (-120 dBm). Also for all
individual meteors date, time, duration (dead time) and maximum
signal are stored.

Uncorrected hourly counts for signals stronger than 0.22 uV

```
| October 2000
UT | 04 05 06 07 08 09 10 16 17 18 19 20 21 22 23 24
```

```
----+-<--------DRACONIDS------->----<--------------ORIONIDS---------->
00h| - 298 375 370 316 396 336 - 249 314 323 344 353 345 355 267
01 | - 304 387 372 363 451 336 - 278 344 389 351 422 425 367 372
02 | - 405 459 429 452 * 397 - 344 446 * 449 462 457 424 394
03 | - 427 474 438 493 441 451 - 299 423 * 440 459 556 449 401
04 | - 355 421 435 489 417 469 - 283 383 * 435 359 467 386 354
05 | - * 440 351 389 417 411 - 311 341 346 389 352 346 358 356
06 | - * 453 333 372 363 407 - 350 342 397 375 328 421 390 *
07 | - * 428 343 384 415 383 - 320 340 407 * 364 411 469 383
08 | - * 465 408 451 468 267 - 394 375 454 367 383 331 454 418
09 | - * 409 437 456 419 468 - 348 322 377 359 449 288 438 345
10 | - * 440 458 383 357 408 - * 328 343 285 314 193 * 340
11 | - 402 * 401 382 323 310 - 274 248 244 250 266 202 328 250
12 | - 323 312 331 366 314 335 - 235 278 186 258 256 196 236 270
13 | - 369 312 285 296 258 301 - 184 229 182 249 266 176 226 263
14 | - 346 221 282 257 228 251 - 179 203 232 * 251 256 236 254
15 | - 313 248 230 214 202 238 - 199 183 194 129 192 209 211 208
16 | - 237 165 193 189 165 190 - 140 124 191 174 171 208 168 160
17 | - 177 154 152 150 160 143 - 136 142 161 143 143 155 * 136
18 | - 179 145 169 127 131 122 - 153 143 166 186 153 157 150 -
19 | - 146 237 156 169 230 - - 168 175 * 188 204 195 197 -
20 | - 231 235 214 250 238 - 175 191 243 193 191 235 260 * -
21 |279 286 329 * 338 255 - 235 235 244 215 241 267 277 253 -
22 |285 326 345 313 364 317 - 235 273 312 256 259 337 306 269 -
23 |320 384 355 321 354 356 - 237 293 319 328 321 345 308 282 -
----+-<--------DRACONIDS------->----<--------------ORIONIDS---------->
UT | 04 05 06 07 08 09 10 16 17 18 19 20 21 22 23 24
| October 2000
```

Notes:
. - no observations
. * affected by ionospheric or tropospheric propagation

Ton Schoenmaker

Observer: Dave Swan
Location: Christchurch UK (50.47 N 1.44 W)
Receiver: Pro 2006 (modified to give a carrier detected
output for Chessell 301 pen recorder).
Sensitivity NFM: 0.5 uV (S+N)/N = 20 dB Dev: 3 kHz
at 1 kHz BW 9 kHz. Calibrated: 1/05/00
Antenna: 4 element Yagi broadband design for 50-70 MHz Gain 9.2 dBi.
Azimuth 95deg elevation 8 deg. Two 3 stage constant K
filters fitted after the antenna, (High and Low pass)
to reduce out of band interference and
intermodulation products causing spurious meteor counts.
Frequency: 66.62 MHz
Transmitter: Budapest 100 kW 24 hrs
Computer: Olivetti 386 Notebook with Meteor v 4.0 software

```
| October 2000
UT | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
---+-----------------------------------------------------------
00 | 9 16 9 5 14 16 8 6 8 14 13 11 7 15 5
01 | 4 9 5 13 14 12 11 19 12 7 10 10 11 8 10
02 | 12 12 10 7 2 6 9 7 12 15 14 13 14 14 18
03 | 19 14 13 6 8 8 12 12 13 18 10 3 5 10 18
04 | 10 4 6 12 10 14 17 10 16 11 15 18 20 16 9
05 | 13 8 10 18 11 15 13 17 16 12 12 14 12 20 12
06 | 8 9 4 10 20 9 10 14 10 10 9 17 22 11 11
07 | 11 11 11 7 12 10 10 18 5 14 11 8 12 16 10
08 | 11 11 13 15 14 10 14 14 6 12 18 11 5 14 7
09 | 6 7 12 14 16 14 7 19 6 7 7 15 12 20 7
10 | 7 18 14 7 10 14 7 11 13 14 9 17 13 18 14
11 | 13 13 9 9 6 11 11 9 12 18 11 11 8 19 11
12 | 12 16 9 10 13 14 11 12 13 9 14 13 14 15 10
13 | 13 9 16 14 11 8 9 12 10 13 13 14 15 7 7
14 | 9 9 6 7 7 12 12 3 11 14 11 15 17 8 13
15 | 15 13 15 9 15 9 8 14 6 8 13 9 10 13 13
16 | 7 10 4 16 11 15 19 1 17 10 10 8 13 10 13
17 | 12 12 12 17 8 10 13 14 12 15 11 9 11 12 14
18 | 11 9 9 9 15 8 9 8 3 14 8 10 14 16 3
19 | 15 13 15 16 12 9 16 10 13 10 10 15 12 9 15
20 | 10 10 9 14 4 8 10 13 13 12 13 10 7 20 12
21 | 17 11 13 12 12 13 11 5 7 10 17 10 7 12 9
22 | 9 22 8 12 10 15 15 14 16 8 8 13 9 14 13
23 | 3 9 12 11 15 9 9 15 9 12 19 10 11 14 12
---+-----------------------------------------------------------
UT | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
| October 2000
```

```
| October 2000
UT | 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
---+---------------------------------------------------------------
00 | 5 15 10 9 F 17 16 22 10 11 F 13 13 14 6 13
01 | 14 14 13 10 F 16 13 8 14 16 F 16 10 13 15 9
02 | 14 8 15 10 F 15 13 13 10 10 F 14 19 9 12 6
03 | 14 6 21 14 F 10 18 15 8 16 F 15 23 14 10 6
04 | 9 17 3 11 F 16 11 18 6 0 F 16 17 11 15 4
05 | 18 12 15 10 F 8 21 11 4 14 F 6 14 12 13 4
06 | 13 6 16 19 F 13 12 13 15 20 F 21 19 17 12 6
07 | 13 13 7 13 2 20 23 13 19 11 F 19 11 8 7 1
08 | 10 14 7 17 12 15 15 13 8 19 F 9 14 10 14 3
09 | 9 7 16 4 10 15 12 24 13 14 F 11 15 8 25 7
10 | 9 12 12 3 20 15 4 11 12 13 8 6 11 10 14 3
11 | 15 12 13 15 14 17 11 10 11 13 16 14 12 18 21 12
12 | 9 5 12 13 12 16 8 10 10 16 5 18 15 12 19 8
13 | 10 6 13 16 9 14 4 3 15 16 1 25 12 12 15 7
14 | 18 9 12 13 17 21 15 10 15 15 5 12 12 21 8 5
15 | 8 11 9 15 12 18 10 11 8 F 5 11 11 10 4 5
16 | 10 16 12 11 13 9 11 8 14 F 9 17 12 11 2 3
```

```
17 | 10 11 11 9 10 17 13 10 12 F 7 17 10 18 10 4
18 | 14 4 13 7 18 22 30 6 22 F 13 13 15 15 12 2
19 | 13 9 8 12 12 19 22 14 22 F 10 13 27 20 7 10
20 | 9 12 10 12 11 14 11 8 7 F 9 10 20 20 4 5
21 | 8 11 9 10 9 18 10 7 16 F 15 21 18 11 2 12
22 | 7 8 11 F 19 14 12 10 12 F 11 14 9 19 8 6
23 | 16 14 13 F 13 10 7 8 18 F 12 10 8 22 5 4
---+------------------------------------------------------------
UT | 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
| October 2000
```

Note:
. computer failure (F) resulted in loss of data 19/20 and 25/26 Oct.
Back up system has been in operation from the 20 October: Rx AOR 3000A,
5 element Yagi Az 95 deg El 10 deg, 486 and Meteorv4.

Dave Swan

Observer: Pierre Terrier
Location: Canet, France (3 36'E, 43 41' N)
Frequencies: 96.8 MHz (changed since previous report)
Antenna: 6-element Yagi FM, horizontal polar.
azimuth 0 deg (N-S), elevation 90 deg. (zenith)
Pre-amplifier: home made, gain 15 dB, Nf < 2 dB
Receiver: Tuner FM Continental Edison digital synthesiser TU 9945
Observing method: Electronic interface on LINE output audio signal are fed in
COM1: of PC IBM 386 25 MHz.
METEOR v 4.0 version processes the signal and records on
hard disk the time of the events.
METEOR parameters: THRESHOLD = 16
COLORGRAMME v 1.5 generates RMOB bulletin automatically

```
| October 2000
UT | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
---+-----------------------------------------------------
0h| 6 15 8 21 27 18 16 17 9 22 18 10 9 10 27
1 | 11 16 8 16 16 18 12 26 17 18 22 16 12 11 19
2 | 21 24 4 26 22 27 12 25 23 28 18 12 6 12 18
3 | 25 36 15 23 23 20 19 20 15 25 15 8 12 12 20
4 | 18 40 16 17 35 30 19 26 14 11 10 10 18 21 21
5 | 20 28 15 29 27 33 14 26 15 12 13 14 7 14 33
6 | 13 12 13 19 25 28 18 20 19 13 18 21 8 10 35
7 | 24 11 11 26 23 25 18 12 15 10 10 12 8 14 16
8 | 14 9 16 24 25 23 14 17 22 5 10 11 7 9 21
9 | 13 13 13 16 22 15 15 11 19 14 13 13 4 13 20
10 | 10 11 19 15 27 15 11 10 12 10 15 19 7 9 11
11 | 9 10 11 21 16 16 6 4 9 8 7 7 8 10 11
12 | 16 10 13 14 18 13 12 9 14 5 13 9 5 8 9
13 | 12 9 10 8 6 8 7 10 3 3 6 11 7 10 9
14 | 7 2 7 10 11 8 9 6 8 7 5 12 1 7 7
```

```
15 | 7 7 2 7 14 9 7 3 3 3 7 2 3 2 4
16 | 5 6 5 6 6 12 7 7 5 7 4 3 8 5 6
17 | 5 8 5 2 8 8 6 3 4 1 2 2 6 7 6
18 | 9 4 9 11 8 12 6 8 4 4 4 5 7 7 5
19 | 11 12 12 6 12 13 7 10 2 6 8 5 8 6 5
20 | 16 12 16 10 13 12 7 8 14 8 7 6 7 9 5
21 | 11 12 16 13 22 16 14 10 9 3 6 8 13 15 8
22 | 9 4 13 17 17 19 10 14 18 9 5 13 11 18 9
23 | 25 7 12 17 23 11 17 6 10 14 10 6 9 18 14
---+------------------------------------------------------------
UT | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
| October 2000

| October 2000
UT | 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
---+------------------------------------------------------------
0h| 11 22 19 17 18 23 18 19 11 16 11 16 12 22 22
1 | 16 20 14 17 33 33 14 30 15 18 20 11 13 22 18
2 | 20 11 19 25 34 36 23 18 13 17 17 8 17 34 11
3 | 24 14 20 18 27 20 14 20 5 14 16 19 18 27 18
4 | 17 17 10 20 28 29 14 23 12 29 13 15 9 32 19
5 | 16 17 14 12 21 23 18 16 9 30 10 14 10 31 14
6 | 9 15 17 19 18 14 11 25 14 15 17 12 14 25 21
7 | 16 7 15 16 16 7 10 12 14 12 12 9 15 25 12
8 | 12 9 15 18 19 17 11 17 11 14 15 11 13 14 4
9 | 14 9 13 16 18 9 16 12 6 12 11 10 20 12 17
10 | 13 15 11 14 23 6 8 17 11 7 16 13 12 14 16
11 | 9 8 13 11 13 9 7 12 7 5 13 8 7 9 16
12 | 11 15 6 8 10 8 2 7 6 10 1 6 12 8 13
13 | 6 9 7 9 6 4 8 7 7 10 4 7 7 12 5
14 | 8 6 10 7 9 3 8 4 7 6 13 5 13 5 6
15 | 6 7 6 8 3 6 4 3 5 9 6 10 8 7 5
16 | 3 6 5 4 6 5 7 2 6 3 4 6 8 6 1
17 | 1 7 6 3 5 1 7 3 2 2 4 11 2 3 6
18 | 4 6 5 7 12 9 4 1 9 6 5 17 11 5 6
19 | 14 6 14 2 8 6 8 4 5 5 6 10 7 7 8
20 | 7 11 10 10 7 5 7 9 12 6 9 12 10 8 11
21 | 15 14 10 7 17 7 6 1 18 7 18 13 21 14 5
22 | 9 12 11 10 17 8 11 12 18 13 11 17 26 9 6
23 | 13 18 13 10 18 6 12 7 18 16 7 10 20 12 12
---+------------------------------------------------------------
UT | 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
| October 2000
```

Note: data are not corrected for Sporadic E.

Pierre Terrier

Observer: Garfield Tsao (BM2EQB)
Location: LonTan Observatory

LonTan, TauYan, Taiwan R.O.C. (121 14'37" E, 24 52'54" N by GPS)
Frequency: 50.0169 MHz USB mode 3 kHz width.
Antenna: Comet made 50 MHz Yagi HB 4 element (gain 10.3 dBi)
astronomical azimuth 225 deg (=NE), elevation 7 deg.
Transmitter: MIYAZAKI University Japan, USB mode, 50 W (24 hours),
distance about 1225 km from Lon Tan.
Receiver: Icon PCR-1000 computer controlled all band receiver
Sensitivity: 0.25 uV for 10 dB S/N for USB mode
Observing method: the beacon 920 Hz voice signal (by FFTDSP) is
received by a low frequency filter (900 Hz)and fed into
the D/A converter and computer in real time.
Data sampling system: using an 8 bits A/D card to PC/AT and Qbasic program
with 1/8 second sampling interval to store the> 1.0 s reflections.

October 2000

2000|00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23LT
Oct|16 17 18 19 20 21 22 23 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15UT
----+--
2 | - 6 7 6 8 8 6 - - 5 5 6 8 5 - - - - - - - - - -

7 | - - - - - - - - - - - - - - - - - E 6 5 3 3 6 4
8 | 3 6 8 6 7 6 6 4 12 5 4 5 4 5 6 - - - - - - - - -

14 | - 4 3 5
15 | 5 5 6 6 5 5 3 3 4 7 6 E - - - - - - - - - - -

21 | - - - - - - - - - - - - - - - - E 8 E E E 10 11 12 13
22 | - 8 18 14 16 9 14 13 12 11 6 6 7 12 7 - - - - - - - - -

27 | - 3 8 6 5 5

28 | 7 8 10 12 11 10 9 10 10 8 6 7 6 7 8 6 10 7 6 5 5 5 8 11
29 |12 16 17 26 15 18 10 12 8 13 9 8 11 12 7 - - - - - - - - -

----+--
Oct|16 17 18 19 20 21 22 23 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15UT
2000|00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23LT

October strong and long lasting echoes list

LT strength duration
dBi s
Oct 21 02h40m > 120
07h15m > 60
29 00h11m > 20
03h07m > 20
03h27m > 20
03h38m > 20
05h00m > 20

Notes:
. "E" = weak E layer
. "I" = background noise interference affected the normal echoes

. this month, there were less total echoes and long lasting echoes
than during the same month of last year.

Garfield Tsao

Observer: Ilkka Yrj&#65533;l&#65533;
Location: Finland (26 35' E, 60 54' N)
Frequency: 88.7 + 88.8 MHz
Receiver: Salora SRP-22 modified, narrow band FM (B=15 kHz)?
detected signal level >-122 dBm.
FM detection, no pulse noise rejection required.
Antenna: 2-el. Yagi, G=4 dBd to SW, azimuth 45 deg (SW), polarisation H.
Data sampling system: threshold triggering, sampling rate 32 ms.
Computer logs total hourly elapsed reflection time, number of
triggers for the hour, the longest time the signal was
continuously above detection level for the hour.
Data on major showers available in the Compact MS-Soft format.
Software for viewing available from
www.saunalahti.fi/~oh5iy/radio50.zip (754 K).

Orionids 2000

UT	18 Oct	19 Oct	20 Oct	21 Oct
0	205	150		
1	153	130	211	144
2	144	168	163	152
3	100	175	161	205
4	120	124	120	132
5	237	120		
6	186	148		
7	139	163	153	
8	214	120	242	163
9	321	161	109	88
10	152	152	128	
11	305	281	98	
12	103	100	152	
13	98	122	124	105
14	131	137	113	98
15	80	98	115	96
16	82	92	105	100
17	279	122	334	113
18	117	111	124	65
19	132	132	36	
20	328	115	172	
21	338	86	40	
22	119	168	173	
23	107	148	182	144
UT	18 Oct	19 Oct	20 Oct	21 Oct

Note:
. Since an Estonian local radio came on the air just before the Orionids peak (Oct 16) on the better FM band frequency wiping out the channel with strong signals (88.8 MHz), the data is taken only from the weaker channel and seems to be not
scaled too well (loo low), and it suffered from short periods of tropo.
Since I have been forced to change the setup again, I do not have much motivation
to re-scaling just Orionids data, because of the temporary nature of the situation
during Orionids. I do not know on any outburst from this year's Orionids and suspect it behaved in normal fashion.

Ilkka Yrj�l�

2. ABOUT THE RMOB

The RMOB is an independent initiative of some workers in the field of radio meteor scatter observations and data reduction. It started in August 1993 in order to spread rapidly the Perseid results via E-mail. Since then, it has appeared monthly, and it has gradually been expanded. In regularly publishing summaries of observations, potential radio observers are kept up to date of existing installations, possibilities and limitations of radio meteor observations. In the long run, there should be sufficient observing stations to cover the whole globe, allowing to detect stream outbursts which may remain unnoticed visually.

RMOB contains typically: summaries of recent observations, equipment data, first results of stream activity by radio methods, relations between radio and optical meteors, references to other publications in the field of meteor astronomy and radio scatter techniques, announcements of meetings, short questions and answers, non-commercial (second hand) sale of radio equipment, available software.

Contributors are mentioned, and interested persons are asked to contact them directly.

RMOB can be copied freely in unabridged and unmodified form. Extracts should indicate the source (Radio Meteor Obs Bulletin, month and year).

If you want to subscribe (or un-subscribe) to the E-mail distribution list, please send a message to C. Steyaert.
Those not having access to E-mail can obtain a printed copy free of charge from J. Van Wassenhove (current or back-issues).

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http://www.sci.fi/~oh5iy/
Call: OH5IY, packet radio: OH5IY@OH5RBG.#KVL.FIN.EU

--
Christian Steyaert (RMOB0010) 8 November 2000
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2731. Re: VHF air-to-ground on USA East coast too...

Newsgroup: rec.radio.amateur.space
Date: 2000-11-08 00:00:00 UTC
From: Jim Kingdon <kingdon@panix.com>
Message-ID: <p4w4s1ij92h.fsf@panix2.panix.com>
Source record: 7917
Cross-posted to: sci.space.station,rec.radio.amateur.space

> >During those silence portions, NASA TV commentator would make comments that
> >telemetry was being transmitted via the Unity early communications system.

For more information see
http://www.flatoday.com/space/explore/stories/2000b/110500d.htm - the
Unity early communications system uses TDRSS and can transmit
telemetry or low-quality audio/video but not both at the same time.

After 5A (or thereabouts) they'll be able to activate a newer antenna
which went up in 3A and is mounted on the Z-1 truss. This will
provide higher bandwidth communications via TDRSS.

2732. WTB ICOM UX-98 MODULE (2.4 GHZ IC970)

Newsgroup: rec.radio.amateur.space
Date: 2000-11-08 00:00:00 UTC
From: Joe Leikhim <jleikhim@nettally.com>
Message-ID: <3A0A20FE.81755EFB@nettally.com>
Source record: 7918
Cross-posted to: rec.radio.swap,rec.radio.amateur.space

> > > Subject says it all. I have cash ready. Please respond via e-mail with
> > > condition, price, phone number and particulars.
>

--
Joe Leikhim K4SAT
Jleikhim@nettally.com

"tv dinner by the pool,
i'm so glad i finished school" -F.Zappa 1967

"The Revolution will NOT be televised" -Gil Scott Heron

"Whats he building in there?"- Tom Waits

WARNING TO UNSOLICITED SPAMMERS!!!

Pursuant to U.S. Code, title 47, Chapter 5, Subchapter II,
"Any and all non-solicited commercial E-mail (SPAM) sent to
this address is subject to a download and archival fee of
$500.00 U.S."! E-mailing denotes acceptance of these terms.

2733. Re: SatTrak won't compile

Newsgroup: rec.radio.amateur.space
Date: 2000-11-08 01:05:18 UTC
From: Jim Jerzycke <kq6ea@amsat.org>
Message-ID: <3A08A6CE.8B368C85@amsat.org>
Source record: 7909

Well, I'm running SuSE 6.4 on one machine, and 7.0 on another. I haven't
(tried to!) compiled it quite a while so I don't recall the error msgs,
but the hint about the makefile is probably where the problem is.
Would "make config" then "make" followed by "make install" work? I've
tried this on other progs that were reluctant to compile and it worked.
I REALLY don't feel like hand editing a makefile.....NOT one of my
strong suits!
TIA, Jim KQ6EA

2734. Re: SatTrak won't compile

Newsgroup: rec.radio.amateur.space
Date: 2000-11-08 01:42:15 UTC
From: marsgal42@hotmail.com
Message-ID: <8uab1mhqt1@nnrp1.deja.com>
Source record: 7910

In article <3A08A6CE.8B368C85@amsat.org>,
Jim Jerzycke <kq6ea@amsat.org> wrote:
> Well, I'm running SuSE 6.4 on one machine, and 7.0 on another. I
haven't
> (tried to!) compiled it quite a while so I don't recall the error
msgs,
> but the hint about the makefile is probably where the problem is.
> Would "make config" then "make" followed by "make install" work? I've
> tried this on other progs that were reluctant to compile and it
worked.

No. There are no such targets in the makefile.

I had no problem with mine: tell it which system to compile for,
tell it what components to include, and tell it where the X
files are.

> I REALLY don't feel like hand editing a makefile.....NOT one of my
> strong suits!

That's how you do it with this program. Sorry. The edits
are really pretty minor: just uncommenting some lines and
commenting others out.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..." - Hospital/Shafte

Sent via Deja.com http://www.deja.com/
Before you buy.

2735. Re: ISS on 143.625

Newsgroup: rec.radio.amateur.space
Date: 2000-11-09 00:00:00 UTC
From: Pulse Laser God <ve6ajd@freenet.edmonton.ab.ca>
Message-ID: <3a0a6464@ecn.ab.ca>
Source record: 7923
Cross-posted to: rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.misc,alt.ham-radio.vhf-uhf

How about we all just monitor the Frequency and then when we hear something we post it instead of arguing about when the best time to listen is. You listen when you can!

2736. Re: ISS on 143.625

Newsgroup: rec.radio.amateur.space
Date: 2000-11-09 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn90kqnr.953.nomail@linux.pe1chl.ampr.org>
Source record: 7924
Cross-posted to: rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.misc,alt.ham-radio.vhf-uhf

Pulse Laser God <ve6ajd@freenet.edmonton.ab.ca> wrote:

>How about we all just monitor the Frequency and then when we hear something
>we post it instead of arguing about when the best time to listen is. You
>listen when you can!

It is only useful to listen when the station is both above your horizon and
visible to one of the wellknown groundstations. When it isn't, it simply
won't transmit.

I can hear the station before it becomes visible to the Soviet stations,
and I can hear them switch on right at the moment when the groundstation
knows (from their orbit calculations) they become in range, and call them.

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

2737. Re: SatTrak won't compile

Newsgroup: rec.radio.amateur.space
Date: 2000-11-09 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn90kr0u.953.nomail@linux.pe1chl.ampr.org>
Source record: 7925

Jim Jerzycke <kq6ea@amsat.org> wrote:
>Thanks, Laura for the tips, and thanks Rob for the config info. I'll
>download it again and be more careful.
>Even though I've been running Linux for over four years, I guess I've
>been spoiled by how easy it's gotten to just download an rpm or system
>specific tarball, and just let it rip.

Good luck... it is not that difficult but you should be a bit persistant.
The earlier versions were much trickier because he used a different
make utility with complicated makefiles that GNU Make would not parse
correctly... maybe your tries are from that era.

You could also send a mail to SuSE support asking them to include an rpm in
a future release. There are several Ham Radio rpm's on SuSE CD's, and when
even Debian includes it on their distribution there should be no problem at
all with any distribution limitations :-)

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

2738. Re: WTB ICOM UX-98 MODULE (2.4 GHZ IC970)

Newsgroup: rec.radio.amateur.space
Date: 2000-11-09 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn90kr28.953.nomail@linux.pe1chl.ampr.org>
Source record: 7926
Cross-posted to: rec.radio.swap,rec.radio.amateur.space

Joe Leikhim <jleikhim@nettally.com> wrote:
>> > > Subject says it all. I have cash ready. Please respond via e-mail with
>> > > condition, price, phone number and particulars.

>Pursuant to U.S. Code, title 47, Chapter 5, Subchapter II,
>"Any and all non-solicited commercial E-mail (SPAM) sent to
>this address is subject to a download and archival fee of
>$500.00 U.S."! E-mailing denotes acceptance of these terms.

Can I cash my $500 US for your spamming, please?

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

2739. Re: sat.tracking program for linux

Newsgroup: rec.radio.amateur.space
Date: 2000-11-09 00:00:00 UTC
From: magne@superoffice.no
Message-ID: <8FE795681magne@148.122.208.74>
Source record: 7927

marsgal42@hotmail.com wrote in <8u7972lr1@nnrp1.deja.com>:

>If you want a graphical display, predict provides the hooks
>to roll your own. Look in the documentation about "server mode".
>There is a cute X Windows-based graphical display program
>available that uses predict's UDP socket. A client for svgalib
>would be straightforward.

I used that code to make a rotor controller interface for
my club stations 2m/70cm antenna array. So now Predict controls
our antenna system.. Took me about 30 minutes of coding or so..

The protocol could be improved, and perhaps I'll do that
one day.. I'd also like to be able to get the Sun and Moon
data out on the socket for EME-tracking.

--Magne / la1bfa / la1k

2740. $6 Deal

Newsgroup: rec.radio.amateur.space
Date: 2000-11-09 00:00:00 UTC
From: djsims65@hotmail.COM
Message-ID: <OE50Zz02H67yRLVbNDN00000305@hotmail.com>
Source record: 7928
Body handling: HTML body converted to readable text

This is a multi-part message in MIME format.

------=_NextPart_000_0110_01C04A3E.C76B4E20

charset="iso-8859-1"

Subject: $$$$$$$$$

Date: 10/12/00 3:22 PM Pacific Standard Time

From: GOATSrKOOL14369

Message-id: <20001012192250.28280.00001837@ng-fe1.aol.com>

Subject: $6 Deal=20

Date: 10-01-2000=20

Poster: Railsplitter

Message=20

A while back, I was browsing these newsgroups, just like you are now,=20
and came across an article similar to this that said you could make=20
thousands of CASH within weeks with only an initial investment of=20
$6.00 plus stamps! So I thought, "Yeah, right, this must be a scam!"=20
But like most of us I was curious and kept reading. It said that if=20
you send $1.00 to each of the 6 names and addresses listed in the=20
article, you could make thousands in a very short period of time. You=20
then place your own name and address at the bottom of the list at #6,=20
and post the article to at least 300 newsgroups. (There are about=20
32,000 of them out there and that's quite a large market pool). No=20
catch, that was it. Even though the investment was a measly $6, I had=20
three questions that needed to be answered before I could get involved=20
in this sort of thing.=20
1. IS THIS REALLY LEGAL?=20
I called a lawyer first. The lawyer was a little sceptical that I would=20

actually make any CASH but he said it WAS LEGAL if I wanted to try it.=20
I told him it sounded a lot like a chain letter but the details of the=20
system (SEE BELOW) actually made it a legitimate legal business.=20
2. IS OK WITH THE POST OFFICE OR IS IT MAIL FRAUD? I called them:=20
1-800-725-2161 and they confirmed THIS IS ABSOLUTELY LEGAL! (See 18,=20
h sections1302 NS 1341 of Postal Lottery Laws). This clarifies the=20
program of collecting names and addresses for a mailing list.=20
3. IS IT RIGHT? Well, everyone who sends me a buck has a good chance of=20
getting A LOT of CASH ... a much better chance than buying a lottery=20
ticket!!!=20
So, having these questions answered, I invested EXACTLY $7.92 ... six=20
$1.00 bills and six 32 cent postage stamps ... and boy am I glad I did!=20
Within 7 days, I started getting CASH in the mail! I was shocked! I=20
figured it would end soon and didn't give it another thought. But the=20
CASH continued coming in. In my first week I made between $20 to $30.=20
By the end of the second week I had a made a total of $1,000.00. In the=20
third week I had over $10,000.00 and it was still growing. This is now=20
my fourth week and I have made a total of just over $42,000 and it's=20
still coming in ..... It's certainly worth $6.00 and 6 stamps !!!=20
Also, make sure you print a copy of this article NOW, so you can get=20
the information off of it as you need it. I promise you that if you=20
follow the directions exactly, that you will start making more CASH=20
than you thought possible by doing something so easy!=20
Suggestion: Read this entire message carefully! (print it out or=20
download it.) Follow the simple directions and watch the CASH come in!=20
It's easy. It's legal. And your investment is only $6.00 (plus postage)=20
IMPORTANT: This is NOT a rip-off; it is NOT indecent; it is NOT=20
illegal; and it is virtually no risk - it really works!!!! If all of=20
the following instructions are adhered to, you will receive=20
extraordinary dividends.=20
PLEASE NOTE:=20

Please follow these directions EXACTLY, and $50,000 or more can be=20
yours in 20 to 60 days. This program remains successful because of the=20
honesty and integrity of the participants. Please continue its success=20
by carefully adhering to the instructions. You will now become part of=20
the Mail Order business. In this business your product is not solid and=20
tangible, it's a service. You are in the business of developing Mailing=20
Lists. Many large corporations are happy to pay big bucks for quality=20
lists. However, the CASH made from the mailing lists is secondary to=20
the income which is made from people like you and me asking to be=20
included in that list.=20
Here are the 4 easy steps to success:=20
STEP 1: Get 6 separate pieces of paper and write the following on each=20
piece of paper "PLEASE PUT ME ON YOUR MAILING LIST." Now get 6 US $1.00=20
bills and place ONE inside EACH of the 6 pieces of paper so the bill=20
will not be seen through the envelope (to prevent thievery). Place one=20
paper in each of the 6 envelopes and seal them. You should now have 6=20
sealed envelopes, each with a piece of paper stating the above phrase,=20
your name and address, and a $1.00 bill. What you are doing is creating=20
a service. THIS IS ABSOLUTELY LEGAL! You are requesting a legitimate=20
service and you are paying for it! Like most of us I was a little=20
skeptical and a little worried about the legal aspects of it all. So I
checked it out with the U.S. Post Office (1-800-725-2161) and they
confirmed that it is indeed legal! Mail the 6 envelopes to the
following addresses:
#1) M. Weber=20
801 Oaklands Dr=20
Round Rock, TX 78681=20
#2) S. Patti=20
1808 Ponderosa St.
Cocoa, Fl.,32926
#3) Gill=20

58 Moross

Mt. Clemens Mi. 48043=20

#4) Ryan Dick

7603 Canyon Dr.

Meridian, ID 83642

#5) Y.S.

2702 A Jenner Dr.

Baltimore, MD 21209

#6) D. Sims

905 Burning Bush Drive

Loganville, GA 30052

step 2: Now take the #1 name off the list that you see above, move the =
other=20

names up (6 becomes 5, 5 becomes 4, etc...) and add YOUR Name as number =
6 on=20

the list.

STEP 3: Change anything you need to, but try to keep this article as=20

close to original as possible. Now, post your amended article to at=20

least 300 newsgroups. (I think there are close to 32,000 groups) All=20

you need is 300, but remember, the more you post, the more CASH you=20

make! This is perfectly legal! If you have any doubts, refer to 18=20

Sec. 1302 & 1341 of the Postal lottery laws. Keep a copy of these=20

steps for yourself and, whenever you need CASH, you can use it again,=20

and again.=20

PLEASE REMEMBER that this program remains successful because of the=20

honesty and integrity of the participants and by their carefully=20

adhering to the directions. Look at it this way. If you are a person=20

of integrity, the program will continue and the CASH that so many=20

others have received will come your way.=20

NOTE: You may want to retain every name and address sent to you,=20

either on a computer or hard copy and keep the notes people send you.=20

This VERIFIES that you are truly providing a service. (Also, it might=20
be a good idea to wrap the $1 bill in dark paper to reduce the risk of=20
mail theft.) So, as each post is downloaded and the directions=20
carefully followed, six members will be reimbursed for their=20
participation as a List Developer with one dollar each. Your name will=20
move up the list geometrically so that when your name reaches the #1=20
position you will be receiving thousands of CASH in CASH!!! What an=20
opportunity for only $6.00 ($1.00 for each of the first six people=20
listed above) Send it now, add your own name to the list and you're in=20
business!=20
---DIRECTIONS ----- FOR HOW TO POST TO NEWSGROUPS=20
Step 1) You do not need to re-type this entire letter to do your own=20
posting. Simply put your cursor at the beginning of this letter and=20
drag your cursor to the bottom of this letter, and select 'copy' from=20
the edit menu. This will copy the entire letter into the computer's=20
memory.=20
Step 2) Open a blank 'notepad' file and place your cursor at the top=20
of the blank page. From the 'edit' menu select 'paste'. This will paste=20
a copy of the letter into notepad so that you can add your name to the=20
list.=20
Step 3) Save your new notepad file as a .txt file. If you want to do=20
your postings in different settings, you'll always have this file to=20
go back to.=20
Step 4) Use Netscape or Internet explorer and try searching for=20
various newsgroups (on-line forums, message boards, chat sites,=20
discussions.)=20
Step 5) Visit these message boards and post this article as a new=20
message by highlighting the text of this letter and selecting paste=20
from the edit menu. Fill in the Subject, this will be the header=20
that everyone sees as they scroll through the list of postings in a=20
particular group, click the post message button.=20

You're done with your first one! Congratulations...THAT'S IT! All you=20
have to do is jump to different newsgroups and post away, after you=20
get the hang of it, it will take about 30 seconds for each newsgroup!=20
**REMEMBER, THE MORE NEWSGROUPS YOU POST IN, THE=20
MORE CASH YOU WILL MAKE!! BUT YOU HAVE TO POST A=20
minimum of 300**
That's it! You will begin receiving CASH from around the world within=20
days! You may eventually want to rent a P.O.Box due to the large=20
amount of mail you will receive. If you wish to stay anonymous, you=20
can invent a name to use, as long as the postman will deliver it.=20
JUST MAKE SURE ALL THE ADDRESSES ARE CORRECT.=20
Now the WHY part:=20
Out of 300 postings, say I receive only 7 replies (a very low example).=20
So then I made $7.00 with my name at #6 on the letter. Now, each of the=20
7 persons who just sent me $1.00 make the MINIMUM 300 postings, each=20
with my name at #5 and only 7 persons respond to each of the 7 original=20
7, that is another $49.00 for me, now those 49 each make 300 MINIMUM=20
posts with my name at #4 and only 7 replies each, I will bring in an=20
additional $343.00! Now, those 343 persons turn around and post the=20
MINIMUM 300 with my name at #3 and only receive 7 replies each, I will=20
make an additional $2401.00! OK, now here is the fun part, each of=20
those 2401 persons post a MINIMUM 300 letters with my name at #2 and=20
they each only receive 7 replies, that just made me $16,807.00!!!=20
Those 16807 persons will all deliver this message to 300 newsgroups=20
with my name at #1 and if still 7 persons per 300 Newsgroups react I=20
will receive $117,649.00! With an original investment of only $6.00!=20
And some stamps. AMAZING! When your name is no longer on the list, you=20
just take the latest posting in the newsgroups, and send out another=20
$6.00 to names on the list, putting your name at number 6 again. And=20
start posting again. The thing to remember is: do you realize that=20
thousands of people all over the world are joining the internet and=20

reading these articles everyday? JUST LIKE YOU are now!! So, can you=20
afford $6.00 and see if it really works?? I think so...=20
People have said, "what if the plan is played out and no one sends you=20
the CASH? So what! What are the chances of that happening when there=20
are tons of new honest users and new honest people who are joining the=20
internet and newsgroups everyday and are willing to give it a try?=20
Estimates are at 20,000 to 50,000 new users, every day, with thousands=20
of those joining the actual internet.=20
Remember, play FAIRLY and HONESTLY and this will really work.=20
** By the way, if you try to deceive people by posting the messages=20
with your name in the list and not sending the CASH to the rest of the=20
people already on the list, you will NOT get as much. Someone I talked=20
to knew someone who did that and he only made about $150.00, and that's=20
after seven or eight weeks! Then he sent the 6 $1.00 bills, people=20
added him to their lists, and in 4-5 weeks he had over $10k.=20
This is the fairest and most honest way I have ever seen to share the=20
wealth of the world without costing anything but our time!!! You also=20
may want to buy mailing and e-mail lists for future CASH. Make sure=20
you print this article out RIGHT NOW! Also, try to keep a list of every=20
one that sends you CASH and always keep an eye on the newsgroups to=20
make sure everyone is playing fairly. Remember, HONESTY IS THE BEST=20
POLICY. You don't need to cheat the basic idea to make the CASH!! GOOD=20
LUCK to all and please play fairly and reap the huge rewards from this,=20
which is tons of extra CASH.=20
Please remember to declare your extra income. Thanks once again...=20
"People have asked me if this is really legal. Well, it is! You are=20
using the Internet to advertise your business. What is that business?=20
You are creating a mailing list of people who are interested in home=20
based computer and online business and methods of generating income at=20
home. Remember, people send you a small fee to be added to your mailing=20
list. It is legal. what will you do with your list of thousands of=20

names?=20

That's up to you." So, build your mailing list, keep good accounts,=20

declare the income and pay your taxes. By doing this you prove your=20

business intentions. Keep an eye on the newsgroups and when the cash=20

has stopped coming (that means your name is no longer on the list),=20

you just take the latest posting at the newsgroups, send another $6.00=20

to the names stated on the list, make your corrections (put your name=20

at #6) and start posting again.=20

NOTES:=20

*1. In some countries, the export of the country's exchange is illegal.=20

But you can get the license to do this from the post office, explaining=20

the above statements (that you have an online business, etc. You may=20

have to pay an extra tax, but that's OK, the amount of the incoming=20

CASH is HUGE! And as I said, a few countries have that restriction.=20

*2. You may want to buy mailing and e-mail lists for future CASH. (Or=20

Database or Spreadsheet software.)=20

*3. If you're really not sure or still think this can't be for real,=20

please print a copy of this article and give it to someone who really=20

needs the CASH, and see what happens.=20

*4. You will start getting responses within 1-2 weeks, it depends.=20

ALSO REMEMBER=20

SEND YOUR $1 OUT TO EVERYONE ON THE LIST,=20

EVEN IF THEY ARE NOT FROM THE U.S.=20

WHAT ARE YOU WAITING FOR???=20

$$$!!!$$$!!!$$$!!!$$$!!!$$$!!!$$$!!!$$$!!!$$$!!!$$$!!!=20

GOOD LUCK!!!=20

------=_NextPart_000_0110_01C04A3E.C76B4E20

charset="iso-8859-1"

Subject: $$$$$$$$$

Date: 10/12/00 3:22 PM Pacific Standard Time

From: GOATSrKOOL14369

Message-id: <20001012192250.28280.00001837@ng-fe1.aol.com>

Subject: $6 Deal

Date: 10-01-2000

Poster: Railsplitter

Message

A while back, I was browsing these newsgroups, just like you are now, =

and came across an article similar to this that said you could make =

thousands of CASH within weeks with only an initial investment of =

$6.00 plus stamps! So I thought, "Yeah, right, this must be a scam!" =

But like most of us I was curious and kept reading. It said that if =

you send $1.00 to each of the 6 names and addresses listed in the =

article, you could make thousands in a very short period of time. You =

then place your own name and address at the bottom of the list at #6, =

and post the article to at least 300 newsgroups. (There are about =

32,000 of them out there and that's quite a large market pool). No =

catch, that was it. Even though the investment was a measly $6, I had =

three questions that needed to be answered before I could get =
involved

in this sort of thing.

1. IS THIS REALLY LEGAL?

I called a lawyer first. The lawyer was a little sceptical that I =
would

actually make any CASH but he said it WAS LEGAL if I wanted to try =
it.

I told him it sounded a lot like a chain letter but the details of =
the

system (SEE BELOW) actually made it a legitimate legal business.

2. IS OK WITH THE POST OFFICE OR IS IT MAIL FRAUD? I called them: =

1-800-725-2161 and they confirmed THIS IS ABSOLUTELY LEGAL! (See 18, =

h sections1302 NS 1341 of Postal Lottery Laws). This clarifies the =

program of collecting names and addresses for a mailing list.

3. IS IT RIGHT? Well, everyone who sends me a buck has a good chance =
of

getting A LOT of CASH ... a much better chance than buying a lottery =

ticket!!!

So, having these questions answered, I invested EXACTLY $7.92 ... six =

$1.00 bills and six 32 cent postage stamps ... and boy am I glad I =
did!

Within 7 days, I started getting CASH in the mail! I was shocked! I =

figured it would end soon and didn't give it another thought. But the =

CASH continued coming in. In my first week I made between $20 to $30. =

By the end of the second week I had a made a total of $1,000.00. In =
the

third week I had over $10,000.00 and it was still growing. This is =
now

my fourth week and I have made a total of just over $42,000 and it's =

still coming in ..... It's certainly worth $6.00 and 6 stamps !!! =

Also, make sure you print a copy of this article NOW, so you can get =

the information off of it as you need it. I promise you that if you =

follow the directions exactly, that you will start making more CASH =

than you thought possible by doing something so easy!

Suggestion: Read this entire message carefully! (print it out or

download it.) Follow the simple directions and watch the CASH come =
in!

It's easy. It's legal. And your investment is only $6.00 (plus =
postage)

IMPORTANT: This is NOT a rip-off; it is NOT indecent; it is NOT

illegal; and it is virtually no risk - it really works!!!! If all of =

the following instructions are adhered to, you will receive

extraordinary dividends.

PLEASE NOTE:

Please follow these directions EXACTLY, and $50,000 or more can be =

yours in 20 to 60 days. This program remains successful because of =
the

honesty and integrity of the participants. Please continue its =
success

by carefully adhering to the instructions. You will now become part = of

the Mail Order business. In this business your product is not solid = and

tangible, it's a service. You are in the business of developing = Mailing

Lists. Many large corporations are happy to pay big bucks for quality =

lists. However, the CASH made from the mailing lists is secondary to =

the income which is made from people like you and me asking to be =

included in that list.

Here are the 4 easy steps to success:

STEP 1: Get 6 separate pieces of paper and write the following on = each

piece of paper "PLEASE PUT ME ON YOUR MAILING LIST." Now get 6 US = $1.00

bills and place ONE inside EACH of the 6 pieces of paper so the bill =

will not be seen through the envelope (to prevent thievery). Place = one

paper in each of the 6 envelopes and seal them. You should now have 6 =

sealed envelopes, each with a piece of paper stating the above = phrase,

your name and address, and a $1.00 bill. What you are doing is = creating

a service. THIS IS ABSOLUTELY LEGAL! You are requesting a legitimate =

service and you are paying for it! Like most of us I was a little =

skeptical and a little worried about the legal aspects of it all. So = I

checked it out with the U.S. Post Office (1-800-725-2161) and = they

confirmed that it is indeed legal! Mail the 6 envelopes to the

following addresses:

#1) M. Weber

801 Oaklands Dr

Round Rock, TX 78681

#2) S. Patti

1808 Ponderosa St.

Cocoa, Fl.,32926

#3) Gill

58 Moross

Mt. Clemens Mi. 48043

#4) Ryan Dick

7603 Canyon Dr.

Meridian, ID 83642

#5) Y.S.

2702 A Jenner Dr.

Baltimore, MD 21209

#6) D. Sims

905 Burning Bush Drive

Loganville, GA 30052

step 2: Now take the #1 name off the list that you see above, move = the other=20

names up (6 becomes 5, 5 becomes 4, etc...) and add YOUR Name as = number 6 on=20

the list.

STEP 3: Change anything you need to, but try to keep this article as =

close to original as possible. Now, post your amended article to at =

least 300 newsgroups. (I think there are close to 32,000 groups) All =

you need is 300, but remember, the more you post, the more CASH you =

make! This is perfectly legal! If you have any doubts, refer to 18 =

Sec. 1302 & 1341 of the Postal lottery laws. Keep a copy of these =

steps for yourself and, whenever you need CASH, you can use it again, =

and again.

PLEASE REMEMBER that this program remains successful because of the =

honesty and integrity of the participants and by their carefully

adhering to the directions. Look at it this way. If you are a person =

of integrity, the program will continue and the CASH that so many =

others have received will come your way.

NOTE: You may want to retain every name and address sent to you,

either on a computer or hard copy and keep the notes people send you. =

This VERIFIES that you are truly providing a service. (Also, it might =

be a good idea to wrap the $1 bill in dark paper to reduce the risk =
of

mail theft.) So, as each post is downloaded and the directions

carefully followed, six members will be reimbursed for their

participation as a List Developer with one dollar each. Your name =
will

move up the list geometrically so that when your name reaches the #1 =

position you will be receiving thousands of CASH in CASH!!! What an =

opportunity for only $6.00 ($1.00 for each of the first six people =

listed above) Send it now, add your own name to the list and you're =
in

business!

---DIRECTIONS ----- FOR HOW TO POST TO NEWSGROUPS

Step 1) You do not need to re-type this entire letter to do your own =

posting. Simply put your cursor at the beginning of this letter and =

drag your cursor to the bottom of this letter, and select 'copy' from =

the edit menu. This will copy the entire letter into the computer's =

memory.

Step 2) Open a blank 'notepad' file and place your cursor at the top =

of the blank page. From the 'edit' menu select 'paste'. This will =
paste

a copy of the letter into notepad so that you can add your name to =
the

list.

Step 3) Save your new notepad file as a .txt file. If you want to do =

your postings in different settings, you'll always have this file to =

go back to.

Step 4) Use Netscape or Internet explorer and try searching for

various newsgroups (on-line forums, message boards, chat sites,

discussions.)

Step 5) Visit these message boards and post this article as a new =

message by highlighting the text of this letter and selecting paste =

from the edit menu. Fill in the Subject, this will be the header

that everyone sees as they scroll through the list of postings in a =

particular group, click the post message button.

You're done with your first one! Congratulations...THAT'S IT! All you =

have to do is jump to different newsgroups and post away, after you =

get the hang of it, it will take about 30 seconds for each newsgroup! =

**REMEMBER, THE MORE NEWSGROUPS YOU POST IN, THE

MORE CASH YOU WILL MAKE!! BUT YOU HAVE TO POST A

minimum of 300**

That's it! You will begin receiving CASH from around the world within =

days! You may eventually want to rent a P.O.Box due to the large

amount of mail you will receive. If you wish to stay anonymous, you =

can invent a name to use, as long as the postman will deliver it. =

JUST MAKE SURE ALL THE ADDRESSES ARE CORRECT.

Now the WHY part:

Out of 300 postings, say I receive only 7 replies (a very low =
example).

So then I made $7.00 with my name at #6 on the letter. Now, each of =
the

7 persons who just sent me $1.00 make the MINIMUM 300 postings, each =

with my name at #5 and only 7 persons respond to each of the 7 =
original

7, that is another $49.00 for me, now those 49 each make 300 MINIMUM =

posts with my name at #4 and only 7 replies each, I will bring in an =

additional $343.00! Now, those 343 persons turn around and post the =

MINIMUM 300 with my name at #3 and only receive 7 replies each, I =
will

make an additional $2401.00! OK, now here is the fun part, each of =

those 2401 persons post a MINIMUM 300 letters with my name at #2 and =

they each only receive 7 replies, that just made me $16,807.00!!! =

Those 16807 persons will all deliver this message to 300 newsgroups =

with my name at #1 and if still 7 persons per 300 Newsgroups react I =

will receive $117,649.00! With an original investment of only $6.00! =

And some stamps. AMAZING! When your name is no longer on the list, =
you

just take the latest posting in the newsgroups, and send out another =

$6.00 to names on the list, putting your name at number 6 again. And =

start posting again. The thing to remember is: do you realize that =

thousands of people all over the world are joining the internet and =

reading these articles everyday? JUST LIKE YOU are now!! So, can you =

afford $6.00 and see if it really works?? I think so...

People have said, "what if the plan is played out and no one sends =
you

the CASH? So what! What are the chances of that happening when there =

are tons of new honest users and new honest people who are joining =
the

internet and newsgroups everyday and are willing to give it a try? =

Estimates are at 20,000 to 50,000 new users, every day, with =
thousands

of those joining the actual internet.

Remember, play FAIRLY and HONESTLY and this will really work.

** By the way, if you try to deceive people by posting the messages =

with your name in the list and not sending the CASH to the rest of =
the

people already on the list, you will NOT get as much. Someone I =
talked

to knew someone who did that and he only made about $150.00, and =
that's

after seven or eight weeks! Then he sent the 6 $1.00 bills, people =

added him to their lists, and in 4-5 weeks he had over $10k.

This is the fairest and most honest way I have ever seen to share the =

wealth of the world without costing anything but our time!!! You also =

may want to buy mailing and e-mail lists for future CASH. Make sure =

you print this article out RIGHT NOW! Also, try to keep a list of =
every

one that sends you CASH and always keep an eye on the newsgroups to =

make sure everyone is playing fairly. Remember, HONESTY IS THE BEST =

POLICY. You don't need to cheat the basic idea to make the CASH!! =
GOOD

LUCK to all and please play fairly and reap the huge rewards from =
this,

which is tons of extra CASH.

Please remember to declare your extra income. Thanks once again... =

"People have asked me if this is really legal. Well, it is! You are =

using the Internet to advertise your business. What is that business? =

You are creating a mailing list of people who are interested in home =

based computer and online business and methods of generating income =
at

home. Remember, people send you a small fee to be added to your =
mailing

list. It is legal. what will you do with your list of thousands of =

names?

That's up to you." So, build your mailing list, keep good accounts, =

declare the income and pay your taxes. By doing this you prove your =

business intentions. Keep an eye on the newsgroups and when the cash =

has stopped coming (that means your name is no longer on the list), =

you just take the latest posting at the newsgroups, send another =
$6.00

to the names stated on the list, make your corrections (put your name =

at #6) and start posting again.

NOTES:

*1. In some countries, the export of the country's exchange is =
illegal.

But you can get the license to do this from the post office, =
explaining

the above statements (that you have an online business, etc. You may =

have to pay an extra tax, but that's OK, the amount of the incoming =

CASH is HUGE! And as I said, a few countries have that restriction. =

*2. You may want to buy mailing and e-mail lists for future CASH. (Or =

Database or Spreadsheet software.)

*3. If you're really not sure or still think this can't be for real, =

please print a copy of this article and give it to someone who really =

needs the CASH, and see what happens.

*4. You will start getting responses within 1-2 weeks, it depends. =

ALSO REMEMBER

SEND YOUR $1 OUT TO EVERYONE ON THE LIST,

EVEN IF THEY ARE NOT FROM THE U.S.

WHAT ARE YOU WAITING FOR???

$$$!!!$$$!!!$$$!!!$$$!!!$$$!!!$$$!!!$$$!!!$$$!!!$$$!!!

GOOD LUCK!!!

------=_NextPart_000_0110_01C04A3E.C76B4E20--

2741. Re: RS-15 question?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-09 00:00:00 UTC
From: "R.L. Tannehill, P.E." <rickw7rt@firstinter.net>
Message-ID: <3A0AD1D4.91313BBA@firstinter.net>
Source record: 7929

wb2rxf@my-deja.com wrote:
>
> I'm wondering why I cant hear anyone operating on this bird, I can hear
> the beacon fairly well. Im using a g5rv-jr in a v/config with a rs-
> dx394 reciever from radio shaft. Im gettin the same results with AO-10 I
> was thinkin on just listen to stations on AO-10 but all I hear is the
> beacon and I've tried 3 seperate occasions scanning, Im using a kenwood
> 751A on 2meters vit a 13b2 100' up, dipoles up there too.. Im new to
> the sats, and just tryin to spread my wings a bit instead of stickin to
> the fm birds. "Maybe I need a preamp? any suggestions would be
> appreciated....
> Thanks From wb2rxf
>
The beacon on RS15 is about 10 dB stronger than the transponder. It
takes an Oscar 10/13 class station to get a decent signal through this
bird. (high gain directional tracking antennas) It's operation also
seems to be intermittent.

Oscar 10 (AO10) is getting harder to work every day. It is now tumbling
as well as rotating, which makes for a very unpredictable and bizarre
QSB situation. It only seems to be workable within about 20,000 KM of
earth, with high gain VHF/UHF antennas, and typically for only about 30
seconds at a time. Due to varying sunlight, it also FM's a lot making
frequency tracking a difficult job. It's beacon is not stronger than
transponder signals however. This old crippled bird will be largely
deserted when P3D becomes operational. It's brain dead, battery dead,
and now tumbling.

Rick Tannehill
W7RT

> Sent via Deja.com http://www.deja.com/
> Before you buy.

2742. Re: ISS on 143.625

Newsgroup: rec.radio.amateur.space
Date: 2000-11-09 00:00:00 UTC
From: dentronman
Message-ID: <cXFO5.68$gJ.16975@newsfeed.intelenet.net>
Source record: 7930
Cross-posted to: rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.misc,alt.ham-radio.vhf-uhf

I agree stop your whining Jesus!
"Pulse Laser God" <ve6ajd@freenet.edmonton.ab.ca> wrote in message
news:3a0a6464@ecn.ab.ca...
> How about we all just monitor the Frequency and then when we hear
something
> we post it instead of arguing about when the best time to listen is. You
> listen when you can!
>
>

2743. Re: ISS on 143.625

Newsgroup: rec.radio.amateur.space
Date: 2000-11-09 00:00:00 UTC
From: Tim <tthomps@nospam.erols.com>
Message-ID: <8ufn1n$40j$1@bob.news.rcn.net>
Source record: 7931
Cross-posted to: rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.misc,alt.ham-radio.vhf-uhf,alt.radio.scanner

Hawkeye wrote in message <3a0b5a23.291496109@news.gl.centurytel.net>...
>Heard the ISS clearly on Thursday 11/9 in Northern Ohio from 1937 to
>1942 GMT. I heard Two different voices, one signal stronger than the
>other, both in Russian, seemingly in conversation. I wouldn't think
>that I could hear the groundstation from here. Does anyone know the
>locations of groundstations in the USA authorized to talk to ISS? Is
>it possible that I was hearing module-to-module communication on that
>frequency? Possibly was it an EVA event I was hearing?

The VHF ground stations in the US are at Wallops Island VA, White Sands NM,
and Dryden CA (near Edwards Air Force Base).

Tim

2744. Re: SatTrak won't compile

Newsgroup: rec.radio.amateur.space
Date: 2000-11-09 00:24:14 UTC
From: Jim Jerzycke <kq6ea@amsat.org>
Message-ID: <3A09EEAE.597FEA6E@amsat.org>
Source record: 7919

Thanks, Laura for the tips, and thanks Rob for the config info. I'll download it again and be more careful.
Even though I've been running Linux for over four years, I guess I've been spoiled by how easy it's gotten to just download an rpm or system specific tarball, and just let it rip.
Time to get back to my root(s)!
73, Jim

2745. Re: Use of Ham Callsign on CB

Newsgroup: rec.radio.amateur.space
Date: 2000-11-09 00:26:21 UTC
From: Jim Jerzycke <kq6ea@amsat.org>
Message-ID: <3A09EF2D.39A8FA49@amsat.org>
Source record: 7920
Cross-posted to: rec.radio.amateur.policy,rec.radio.amateur.space

Moral to the story....Be nice to your Nurse, since she's pobably your
primary care giver!
Regards, Jim

2746. RS-15 question?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-09 03:05:22 UTC
From: wb2rxf@my-deja.com
Message-ID: <8ud49frjl1@nnrp1.deja.com>
Source record: 7921

I'm wondering why I cant hear anyone operating on this bird, I can hear the beacon fairly well. Im using a g5rv-jr in a v/config with a rs-dx394 reciever from radio shaft. Im gettin the same results with AO-10 I was thinkin on just listen to stations on AO-10 but all I hear is the beacon and I've tried 3 seperate occasions scanning, Im using a kenwood 751A on 2meters vit a 13b2 100' up, dipoles up there too.. Im new to the sats, and just tryin to spread my wings a bit instead of stickin to the fm birds. "Maybe I need a preamp? any suggestions would be appreciated....
Thanks From wb2rxf

Sent via Deja.com http://www.deja.com/
Before you buy.

2747. Re: RS-15 question?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-09 04:18:37 UTC
From: treynolds@email.exide.com
Message-ID: <8ud8ipuqu1@nnrp1.deja.com>
Source record: 7922

RS15 is non-functional most of the time so many sat guys don't bother to listen. (I have been hearing the beacon lately also). Regarding AO-10 try listening during the next few days during the evening. There is usually a few stations on the bird (near the middle of the passband) during passes when it dips below 12000 KM while it passes over the US. It will shut off as soon as the bird passes into darkness but it will be in the light for a couple hours after the US is in darkness.

RS13 is the most popular bird. It just switched to mode KT (15 mtrs up, 10 and 2 mtrs down). FO20 and FO29 are my favorites. You will hear a few stations on those birds every weekend.

Tom

In article <8ud49frjl1@nnrp1.deja.com>,
wb2rxf@my-deja.com wrote:
> I'm wondering why I cant hear anyone operating on this bird, I can hear
> the beacon fairly well. Im using a g5rv-jr in a v/config with a rs-
> dx394 reciever from radio shaft. Im gettin the same results with AO-10 I
> was thinkin on just listen to stations on AO-10 but all I hear is the
> beacon and I've tried 3 seperate occasions scanning, Im using a kenwood
> 751A on 2meters vit a 13b2 100' up, dipoles up there too.. Im new to
> the sats, and just tryin to spread my wings a bit instead of stickin to
> the fm birds. "Maybe I need a preamp? any suggestions would be
> appreciated....
> Thanks From wb2rxf
>
> Sent via Deja.com http://www.deja.com/
> Before you buy.
>

Sent via Deja.com http://www.deja.com/
Before you buy.

2748. Re: ISS on 143.625

Newsgroup: rec.radio.amateur.space
Date: 2000-11-10 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn90ng3e.nqp.nomail@linux.pe1chl.ampr.org>
Source record: 7936
Cross-posted to: rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.misc,alt.ham-radio.vhf-uhf,alt.radio.scanner

Hawkeye <aa1339@yahoo.com> wrote:
>Heard the ISS clearly on Thursday 11/9 in Northern Ohio from 1937 to
>1942 GMT. I heard Two different voices, one signal stronger than the
>other, both in Russian, seemingly in conversation. I wouldn't think
>that I could hear the groundstation from here. Does anyone know the
>locations of groundstations in the USA authorized to talk to ISS? Is
>it possible that I was hearing module-to-module communication on that
>frequency? Possibly was it an EVA event I was hearing?

The communication is fullduplex, the groundstation is on another frequency.
So even when you are close to it, you won't hear it when you are on
143.625. What you are hearing is the audio feedback.

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

2749. Re: SatTrak won't compile

Newsgroup: rec.radio.amateur.space
Date: 2000-11-10 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn90nhd6.nqp.nomail@linux.pe1chl.ampr.org>
Source record: 7937

Jim Jerzycke <kq6ea@amsat.org> wrote:
>BINGO! The parsing errors were the ones I saw. Is the code on the AMSAT
>website current, or is there a better place to find it?
>TIA, Jim

The version on the AMSAT site seems to be 3.1.5
Typing "sattrack 3.1.6" in a search engine (like www.google.com) will yield
many sites where it can be downloaded.

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

2750. ARISS Installation update

Newsgroup: rec.radio.amateur.space
Date: 2000-11-10 00:00:00 UTC
From: Will Marchant <kc6rol@amsat.org>
Message-ID: <3A0C40E2.AA53AB6E@amsat.org>
Source record: 7938
Cross-posted to: rec.radio.amateur.space,sci.space.station

2000-11-10 18:00 UTC: The ARISS team has just been informed by Mission Control in Moscow that the crew confirmed that they had installed the amateur radio hardware in the FGB. Several engineering test passes need to be performed before general ham radio operations can commence. This is a major step forward for amateur radio in human spaceflight.

The ARISS web pages are at http://ariss.gsfc.nasa.gov/

--
Will Marchant
marchant@ssl.berkeley.edu http://chips.ssl.berkeley.edu/~marchant/
kc6rol@amsat.org New==>http://home.earthlink.net/~willmarchant/

2751. NASA TV

Newsgroup: rec.radio.amateur.space
Date: 2000-11-10 00:00:00 UTC
From: paddyjoe <pjk@paddyjoe.freeserve.co.uk>
Message-ID: <8uhgts$96u$1@news5.svr.pol.co.uk>
Source record: 7939

Hi all,
can anyone tell me if it is possible to receive NASA tv in the UK
via satellite rather having to suffer using the net with its inherent
network jams and expense?
if already asked and answered my apologies - and could you direct me to the
answers if alredy given!
Cheers and 73s
patrick

--
I was born to catch dragons in their dens
And pick flowers
To tell tales and laugh away the morning
To drift and dream like a lazy stream
And walk barefoot across sunshine days.

2752. Re: ISS on 143.625

Newsgroup: rec.radio.amateur.space
Date: 2000-11-10 00:00:00 UTC
From: N1RZ <n1rz@timhavens.com>
Message-ID: <MTYO5.3400$Ag1.92061@e420r-sjo2.usenetserver.com>
Source record: 7940
Cross-posted to: rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.misc,alt.ham-radio.vhf-uhf,alt.radio.scanner

The current team has performed no EVA's since arrival on station.

However the lower voice you heard possibly was the ground control being heard in close proximty to the mike one of the team was using....? That's my best guess....I've heard that too...and assumed it was ground station via the ISS station's mike. If not that, perhaps it's the second Russian team member but I would ahve expected his voice to be the same level.

Tim

"Hawkeye" <aa1339@yahoo.com> wrote in message news:3a0b585e.291043097@news.gl.centurytel.net...
> Heard the ISS clearly in Northern Ohio on Thursday from 1937-1942 GMT.
> I heard two voices, seemingly in conversation with each other, one
> signal more distinct than the other. I wouldn't think that I could
> hear the ground station from here- is it possible that they were
> communicating from module to module over this frequency? Or, perhaps
> there was an EVA going on? Since I don't speak Russian, I couldn't
> follow the actual conversation. Does anyone know the location of
> groundstations in the USA that are authorized to talk to ISS?

2753. Re: NASA TV

Newsgroup: rec.radio.amateur.space
Date: 2000-11-10 00:00:00 UTC
From: Eavesdropper <ian@eavesdropper.worldonline.co.uk>
Message-ID: <3a0c5d0d@news.server.worldonline.co.uk>
Source record: 7941

afraid not it is too far over the horizon !, shame that.

you can get the ESA's digital trans on Eutelsat if you have a free to air
sat receiver.
they often replay Nasa TV bits other than that watch it via net

cheers

ian k.
"paddyjoe" <pjk@paddyjoe.freeserve.co.uk> wrote in message
news:8uhgts$96u$1@news5.svr.pol.co.uk...
> Hi all,
> can anyone tell me if it is possible to receive NASA tv in the UK
> via satellite rather having to suffer using the net with its inherent
> network jams and expense?
> if already asked and answered my apologies - and could you direct me to
the
> answers if alredy given!
> Cheers and 73s
> patrick
>
> --
> I was born to catch dragons in their dens
> And pick flowers
> To tell tales and laugh away the morning
> To drift and dream like a lazy stream
> And walk barefoot across sunshine days.
>
>
>

2754. Possibility of 2m ISSa ctivity as of saturday

Newsgroup: rec.radio.amateur.space
Date: 2000-11-10 00:00:00 UTC
From: Eavesdropper <ian@eavesdropper.worldonline.co.uk>
Message-ID: <3a0c5d2e@news.server.worldonline.co.uk>
Source record: 7942

read this on the latest status reports.

The only significant activity on tap for Saturday calls for the crew to
begin the setup of ham radio equipment in Zarya. ISS crews will use that
gear to talk to schools and other ham radio operators throughout the world
as they orbit the Earth.

regards

ian k.

2755. Installing UI-View on a different computer

Newsgroup: rec.radio.amateur.space
Date: 2000-11-10 00:00:00 UTC
From: jflanders2@home.com
Message-ID: <3a0c6da3.1905718745@news>
Source record: 7943

Hi Guys

I have downloaded UIView (uisfx232.exe from ..propnet/beaconnet/level-2) onto my internet computer. File size is around 1.9 megs.

I have to install UIView on my ham radio computer in another room, which is not on the internet. Normally I can transfer files via floppy, but this one is too big.

I tried to open uisfx232.exe to just copy and transfer the individual files, but it doesn't seem to simply unzip the files - it wants to install directly from the exe.

I thought maybe I could break it up using winzip, but winzip says it doesn't recognize it.

Is there any way to somehow use a 1.44 MB floppy transfer system with this?

Any ideas?

Jerry W4UK

2756. Re: NASA TV

Newsgroup: rec.radio.amateur.space
Date: 2000-11-10 00:00:00 UTC
From: paddyjoe <pjk@paddyjoe.freeserve.co.uk>
Message-ID: <8uhr1a$jf7$1@news7.svr.pol.co.uk>
Source record: 7944

hi Ian,
cheers for that, have enquired about ESA tv at local Satellite
shop...just hoped i could justify the price to 'er indoors with a few other
channels!! apparently there's only Turkish tv on Eutelsat2....whooppeee!
cheers
patrick
Eavesdropper <ian@eavesdropper.worldonline.co.uk> wrote in message
news:3a0c5d0d@news.server.worldonline.co.uk...
> afraid not it is too far over the horizon !, shame that.
>

2757. Re: Installing UI-View on a different computer

Newsgroup: rec.radio.amateur.space
Date: 2000-11-10 00:00:00 UTC
From: "Edgar J. Kaiser" <edgar.kaiser@t-online.de>
Message-ID: <3A0C6F75.F913846D@t-online.de>
Source record: 7945

try good old MSDOS Backup and Restore.

Edgar

Jerry Flanders wrote:

> Hi Guys
>
> I have downloaded UIView (uisfx232.exe from
> ..propnet/beaconnet/level-2) onto my internet computer. File size is
> around 1.9 megs.
>
> I have to install UIView on my ham radio computer in another room,
> which is not on the internet. Normally I can transfer files via
> floppy, but this one is too big.
>
> I tried to open uisfx232.exe to just copy and transfer the individual
> files, but it doesn't seem to simply unzip the files - it wants to
> install directly from the exe.
>
> I thought maybe I could break it up using winzip, but winzip says it
> doesn't recognize it.
>
> Is there any way to somehow use a 1.44 MB floppy transfer system with
> this?
>
> Any ideas?
>
> Jerry W4UK

2758. Re: ISS on 143.625

Newsgroup: rec.radio.amateur.space
Date: 2000-11-10 02:19:14 UTC
From: aa1339@yahoo.com
Message-ID: <3a0b5a23.291496109@news.gl.centurytel.net>
Source record: 7932
Cross-posted to: rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.misc,alt.ham-radio.vhf-uhf,alt.radio.scanner

Heard the ISS clearly on Thursday 11/9 in Northern Ohio from 1937 to 1942 GMT. I heard Two different voices, one signal stronger than the other, both in Russian, seemingly in conversation. I wouldn't think that I could hear the groundstation from here. Does anyone know the locations of groundstations in the USA authorized to talk to ISS? Is it possible that I was hearing module-to-module communication on that frequency? Possibly was it an EVA event I was hearing?

2759. Re: ISS on 143.625

Newsgroup: rec.radio.amateur.space
Date: 2000-11-10 02:31:18 UTC
From: Stephen Verbil <sverbil@usa.net>
Message-ID: <3A0B5DF7.E4E95573@usa.net>
Source record: 7933
Cross-posted to: rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.misc,alt.ham-radio.vhf-uhf,alt.radio.scanner

I heard the same stuff at the same time (approximately) here in Connecticut. It was clear that they're running full duplex - you could hear the other guy (ground) in Russian but in the background - much lower. The mix was either audio - you could actually hear the microphone 'creak' at one point --- or there's just a little 'sidetone' built into the system.

---Steve

Hawkeye wrote:

> Heard the ISS clearly on Thursday 11/9 in Northern Ohio from 1937 to
> 1942 GMT. I heard Two different voices, one signal stronger than the
> other, both in Russian, seemingly in conversation. I wouldn't think
> that I could hear the groundstation from here. Does anyone know the
> locations of groundstations in the USA authorized to talk to ISS? Is
> it possible that I was hearing module-to-module communication on that
> frequency? Possibly was it an EVA event I was hearing?

--
--
--Stephen Verbil
--
-- "The opinions expressed here do not necessarily represent the opinions of anyone I'm working with or for."

2760. Re: SatTrak won't compile

Newsgroup: rec.radio.amateur.space
Date: 2000-11-10 06:23:09 UTC
From: Jim Jerzycke <kq6ea@amsat.org>
Message-ID: <3A0B944D.A025C0CA@amsat.org>
Source record: 7934

BINGO! The parsing errors were the ones I saw. Is the code on the AMSAT website current, or is there a better place to find it?
TIA, Jim

2761. Re: ISS on 143.625

Newsgroup: rec.radio.amateur.space
Date: 2000-11-10 06:40:57 UTC
From: aa1339@yahoo.com
Message-ID: <3a0b585e.291043097@news.gl.centurytel.net>
Source record: 7935
Cross-posted to: rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.misc,alt.ham-radio.vhf-uhf,alt.radio.scanner

Heard the ISS clearly in Northern Ohio on Thursday from 1937-1942 GMT.
I heard two voices, seemingly in conversation with each other, one
signal more distinct than the other. I wouldn't think that I could
hear the ground station from here- is it possible that they were
communicating from module to module over this frequency? Or, perhaps
there was an EVA going on? Since I don't speak Russian, I couldn't
follow the actual conversation. Does anyone know the location of
groundstations in the USA that are authorized to talk to ISS?

2762. Re: SatTrak won't compile

Newsgroup: rec.radio.amateur.space
Date: 2000-11-11 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn90q4e7.nqp.nomail@linux.pe1chl.ampr.org>
Source record: 7950

Hamish Moffatt VK3SB <hamish@cloud.net.au> wrote:
>Rob Janssen <nomail@rob.knoware.nl> wrote:
>> You could also send a mail to SuSE support asking them to include an rpm in
>> a future release. There are several Ham Radio rpm's on SuSE CD's, and when
>> even Debian includes it on their distribution there should be no problem at
>> all with any distribution limitations :-)

>What do you mean "when even Debian includes it"? Debian has a good
>selection of ham radio packages.

I mean that Debian won't include something when there is the slightest sign
of non-freeness. SuSE is much more liberal, and even includes sample
versions or licensed versions if binary-only commercial packages.

Some packages are not included with some distributions because the
licenses somehow conflict with the taste of the distributor. But that
should not be a problem in this case, I wanted to indicate.

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

2763. Re: ISS on 143.625

Newsgroup: rec.radio.amateur.space
Date: 2000-11-11 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn90q4j1.nqp.nomail@linux.pe1chl.ampr.org>
Source record: 7951
Cross-posted to: rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.misc,alt.ham-radio.vhf-uhf,alt.radio.scanner

TomR@astro.net <TomR@astro.net> wrote:
> My guess is that we're hearing a bit of what's in the headphones.
>You DO hear one of the other guys in the background though I believe
>from time to time. Maybe listening in to what Russian ground control
>is saying, you know, being in on what's being said from the ground.

It seems like the crew in the station is not using headphones, but a
speaker. The groundstation probably uses headphones.

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

2764. Re: Would this reciever be useful for starting amateur SETI?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-11 00:00:00 UTC
From: jlazio@patriot.net
Message-ID: <m2g0kybtfz.fsf@patriot.net>
Source record: 7952
Cross-posted to: sci.astro.seti,alt.sci.seti,rec.radio.amateur.space

>>>>> "AAA" == Alfred A Aburto <aburto@cts.com> writes:

>> "T. Joseph W. Lazio" <jlazio@patriot.net> wrote in message
>> news:m2bsvshdoa.fsf@patriot.net...

AAA> I'd add though that there is the possiblity too that a
AAA> civilization that "really" (REALLY) wanted to make themselves
AAA> known to others in the Galaxy would transmit a powerful signal
AAA> detectable easily by even a 3 or 5 meter dish. They wouldn't make
AAA> it hard to detect!

I've left this paragraph because it's what started all of this. As
you know from writing the portion of the sci.astro FAQ, such a
civilization would have enormous amounts of power at its disposal to
transmit such a powerful signal. Even our most powerful radars would
just be detectable over interstellar distances to a 3--5 meter
antenna. To be detectable over 1000 light years or more to a 3--5
meter dish requires *lots* of power, hence my focus on supercivs.

AAA> The independent variables are space, time, and frequency.

I think some people add polarization to this list.

AAA> If you look at all space at once then P1 = 1 (...). Even if you
AAA> look at all the sky at once you still have the time factor (how
AAA> long to look) to worry about. How long to look depends on how
AAA> many civilizations are out there "pinging" away, the duration of
AAA> the "ping", the time it takes their beam to sweep past the Earth,
AAA> and the repetition rate (...).

AAA> META did not look at all the sky at once. It takes one year to
AAA> cover the sky. There were(are) plenty of opportunities to miss a
AAA> signal momentarily directed at Earth.

Right, and if you read Section 5 of Horowitz & Sagan (1993), you'll
see that they actually phrase their limits in terms of the product of
the transmitted power and duration of transmission.

AAA> I think assuming a continuous transmission directly to Earth is
AAA> being too optimistic. To assume continuous transmission and then
AAA> deduce on a negative result that there are "no
AAA> supercivilizations" out there is just wrong.

Nonetheless, the most simple assumption is that the transmitter is on
100% of the time. I think that is the assumption behind the notion of
interstellar beacons, certainly if those beacons are being used by

advanced civs in an effort to transmit an Encyclopedia Galactica to
less advanced civs (as some have speculated).

--
Lt. Lazio, HTML police | e-mail: jlazio@patriot.net
No means no, stop rape. | http://patriot.net/%7Ejlazio/
sci.astro FAQ at http://sciastro.astronomy.net/sci.astro.html

2765. RADIO

Newsgroup: rec.radio.amateur.space
Date: 2000-11-11 00:00:00 UTC
From: Kenneth McKenzie <tennek@home.com>
Message-ID: <7pcP5.607245$8u4.8810819@news1.rdc1.bc.home.com>
Source record: 7953

Thomas Edison describes in his patent application for the wireless telegraph in May of 1885 as follows;
For receiving signals I locate in said circuit between condensing surface and the ground a diaphragm sounder which is preferably one of my electro motograph telephone receivers.

The first wireless telegraph picked up the telegraph signals with a loud speaking telephone. De Forest patented his triode in 1907 twenty two years later. For his first radio he used an Edison loud speaking telephone.

Edison's Patent and an essay about wireless transmission can be seen on my site at www.geocities.com/starapex Click on the radio

Cheers
Ken McKenzie

2766. Re: ISS on 143.625

Newsgroup: rec.radio.amateur.space
Date: 2000-11-11 00:00:00 UTC
From: Pulse Laser God <ve6ajd@freenet.edmonton.ab.ca>
Message-ID: <3a0d607b@ecn.ab.ca>
Source record: 7954
Cross-posted to: rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.misc,alt.ham-radio.vhf-uhf

Where would I be able to download a tracker program for the ISS.

I do not need a tracker that controls the antennas just a real simple tracking program that will tell me when the ISS is coming into range and for how long it will be in range. That kind of thing.

As well I know that you can listen to ISS, I think it is listen only, on 143.625, but are there any other frequencies that are available for communication with them??

Thanx. I am kind of new to the satellite communication thing so I do need a little help sometimes!

2767. Re: ISS on 143.625

Newsgroup: rec.radio.amateur.space
Date: 2000-11-11 00:00:00 UTC
From: ed <edholmes@renc.igs.net>
Message-ID: <3A0D725B.90A24AC0@renc.igs.net>
Source record: 7955
Cross-posted to: rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.misc,alt.ham-radio.vhf-uhf
Body handling: Binary attachment payload not displayed: edholmes.vcf

Try www.heavens-above.com for the program and to check for the times.

Pulse Laser God wrote:
>
> Where would I be able to download a tracker program for the ISS.
>
> I do not need a tracker that controls the antennas just a real simple
> tracking program that will tell me when the ISS is coming into range and for
> how long it will be in range. That kind of thing.
>
> As well I know that you can listen to ISS, I think it is listen only, on
> 143.625, but are there any other frequencies that are available for
> communication with them??
>
> Thanx. I am kind of new to the satellite communication thing so I do need a
> little help sometimes!

[One or more binary attachments are retained only in the source text.]

2768. Re: ISS on 143.625

Newsgroup: rec.radio.amateur.space
Date: 2000-11-11 00:00:00 UTC
From: Markus Buttinger <m.buttinger@xpoint.at>
Message-ID: <XveP5.733$G7.28148@news.cwxpoint.at>
Source record: 7956
Cross-posted to: rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.misc,alt.ham-radio.vhf-uhf

try
http://spaceflight.nasa.gov/realdata/tracking/index.html
--
Markus Buttinger
Salzburg,Austria

"Pulse Laser God" <ve6ajd@freenet.edmonton.ab.ca> wrote in
news:3a0d607b@ecn.ab.ca...
> Where would I be able to download a tracker program for the ISS.

2769. Re: Installing UI-View on a different computer

Newsgroup: rec.radio.amateur.space
Date: 2000-11-11 00:00:00 UTC
From: Alena and Chet <alena@mediaone.net>
Message-ID: <xleP5.1687$M51.719118@typhoon.ne.mediaone.net>
Source record: 7957

Do you have a zip drive? Try either that, or when you download the file and
it asks you where do you want to save it, choose the floppy drive
"Jerry Flanders" <jflanders2@home.com> wrote in message
news:3a0c6da3.1905718745@news...
> Hi Guys
>
> I have downloaded UIView (uisfx232.exe from
> ..propnet/beaconnet/level-2) onto my internet computer. File size is
> around 1.9 megs.
>
> I have to install UIView on my ham radio computer in another room,
> which is not on the internet. Normally I can transfer files via
> floppy, but this one is too big.
>
> I tried to open uisfx232.exe to just copy and transfer the individual
> files, but it doesn't seem to simply unzip the files - it wants to
> install directly from the exe.
>
> I thought maybe I could break it up using winzip, but winzip says it
> doesn't recognize it.
>
> Is there any way to somehow use a 1.44 MB floppy transfer system with
> this?
>
> Any ideas?
>
> Jerry W4UK

2770. Re: ISS on 143.625

Newsgroup: rec.radio.amateur.space
Date: 2000-11-11 00:00:00 UTC
From: TomR@astro.net
Message-ID: <3a0d80dd.454038540@news.idsi.net>
Source record: 7958
Cross-posted to: rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.misc,alt.ham-radio.vhf-uhf

On Sat, 11 Nov 2000 08:05:27 -0700, "Pulse Laser God"
<ve6ajd@freenet.edmonton.ab.ca> wrote:

>Where would I be able to download a tracker program for the ISS.

For STSOrbit Plus:
http://www.dransom.com/

For element sets:
http://celestrak.com/NORAD/elements/index.html

>I do not need a tracker that controls the antennas just a real simple
>tracking program that will tell me when the ISS is coming into range and for
>how long it will be in range. That kind of thing.

See above...

>As well I know that you can listen to ISS, I think it is listen only, on
>143.625, but are there any other frequencies that are available for
>communication with them??

143.625 is the Russian ground control freq. DO NOT TRANSMIT there,
it's not a ham frequency.

"The initial station gear--already aboard the ISS--will be installed
temporarily in the Zarya Functional Cargo Block of the ISS and will
permit operation only on 2 meters--FM voice and packet. Tentative
operating frequencies are: Worldwide downlink for voice and packet,
145.80 MHz; worldwide packet uplink, 145.99 MHz; Region 1 (Europe)
voice uplink: 145.20 MHz; Region 2 and 3 voice uplink, 144.49 MHz. Yet
to be determined is the ARISS operating schedule, which will depend on
the crew's schedules. The ARISS Team eventually anticipates multiband,
multimode operations with the crew and regularly schedule expected to
be very busy with basic housekeeping duties to prepare for their
four-month-long mission, Marchant explained. "The crew has expressed a
high level of interest in beginning Amateur Radio operations early in
the mission," he said. Crew members may use their personal call signs
or one of the "club station" call signs issued for ISS use--NA1SS,
RZ3DZR, or DL0ISS. QSLs and SWL reports will be processed via the ARRL
or Radio Amateurs of Canada. The card design is being finalized, but
it should be ready for distribution early next year.
The Expedition 1 crew will work on UTC, with their day expected to
begin around 0800 UTC and end near 1900 UTC (with a possible "lunch
break" near 1200 UTC). The crew also is off from 1200 UTC on Saturday
until the end of the day on Sunday. "

>Thanx. I am kind of new to the satellite communication thing so I do need a
>little help sometimes!

No problem!

73,

Tom - KB2SMS

2771. Re: ISS on 143.625

Newsgroup: rec.radio.amateur.space
Date: 2000-11-11 00:00:00 UTC
From: Pervert_Extraordinaire <valued_customer@att.com>
Message-ID: <3A0DB97F.C8436858@att.com>
Source record: 7959
Cross-posted to: rec.radio.scanner,rec.radio.amateur.space

ed wrote:
> Try www.heavens-above.com for the program and to check for the times.
(This is a GREAT site, thanks)

I left my RS2006 on last night (143.6250) and was awoken
when my squelch opened up, but there were no voices.

I waited for the ISS to overfly my location today (I used
http://spaceflight.nasa.gov/realdata/tracking/index.html) however,
I never heard it.

Do I select AM, NFM, or WFM? When using WFM I think I heard
a series of squelch breaks which sounded somewhat like a
conversation... speculation is running wild here ;-)

Do I need an antenna besides the standard one?
TIA

2772. Re: ISS on 143.625

Newsgroup: rec.radio.amateur.space
Date: 2000-11-11 00:00:00 UTC
From: Markus Buttinger <m.buttinger@xpoint.at>
Message-ID: <KpgP5.739$G7.28088@news.cwxpoint.at>
Source record: 7960
Cross-posted to: rec.radio.scanner,rec.radio.amateur.space

it's NFM and I copy the ISS perfectly with an indoor discone
but also found my handheld's supplied rubber ant. to be good
enough for fair reception (as long as it is passing right
overhead)

73
--
Markus Buttinger
Salzburg,Austria

"Pervert_Extraordinaire" <valued_customer@att.com> wrote in
news:3A0DB97F.C8436858@att.com...
> ed wrote:

> Do I select AM, NFM, or WFM?

2773. Re: ISS on 143.625

Newsgroup: rec.radio.amateur.space
Date: 2000-11-11 00:00:00 UTC
From: Pervert_Extraordinaire <valued_customer@att.com>
Message-ID: <3A0DC5AD.314233D1@att.com>
Source record: 7961
Cross-posted to: rec.radio.scanner,rec.radio.amateur.space

Markus Buttinger wrote:
>
> it's NFM and I copy the ISS perfectly with an indoor discone
> but also found my handheld's supplied rubber ant. to be good
> enough for fair reception (as long as it is passing right
> overhead)

Thanks!. I am just now hearing it. It's over the West Coast
and I'm in Indiana. A bit scratchy but understandable.
(Except for the Russian thing :-))

2774. Re: ISS on 143.625

Newsgroup: rec.radio.amateur.space
Date: 2000-11-11 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn90qveu.fuf.nomail@linux.pe1chl.ampr.org>
Source record: 7962
Cross-posted to: rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.misc,alt.ham-radio.vhf-uhf

Pulse Laser God <ve6ajd@freenet.edmonton.ab.ca> wrote:
>Where would I be able to download a tracker program for the ISS.

>I do not need a tracker that controls the antennas just a real simple
>tracking program that will tell me when the ISS is coming into range and for
>how long it will be in range. That kind of thing.

Several tracking programs are available on www.amsat.org

>As well I know that you can listen to ISS, I think it is listen only, on
>143.625, but are there any other frequencies that are available for
>communication with them??

The entire story has recently been posted on rec.radio.amateur.space

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

2775. Re: Installing UI-View on a different computer

Newsgroup: rec.radio.amateur.space
Date: 2000-11-11 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn90qvga.fuf.nomail@linux.pe1chl.ampr.org>
Source record: 7963

```
Alena and Chet <alena@mediaone.net> wrote:
>Do you have a zip drive? Try either that, or when you download the file and
>it asks you where do you want to save it, choose the floppy drive

Did you even read the original article???

Rob
--
+---------------------------------+-------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+---------------------------------+-------------------------------------+
```

2776. Re: Installing UI-View on a different computer

Newsgroup: rec.radio.amateur.space
Date: 2000-11-11 00:00:00 UTC
From: Ralph Mowery <rmowery@dialpoint.net>
Message-ID: <3A0E14E7.68D85E56@dialpoint.net>
Source record: 7964

Instead of trying to unzip it, just try zipping that file to a floppy.

I have a cd writer I usually use and use to transfer the large files
with a rw disc.

I also have a network card in each computer and connect them that way
sometimes.

At the price of some modems when they are on sale you could just get one
of the cheap ones. I have bought them for about $ 10 after the rebate
and did see one for about $ 5 after a rebate in the paper theother day.

> I have downloaded UIView (uisfx232.exe from
> ..propnet/beaconnet/level-2) onto my internet computer. File size is
> around 1.9 megs.
>
> I have to install UIView on my ham radio computer in another room,
> which is not on the internet. Normally I can transfer files via
> floppy, but this one is too big.
>
> I tried to open uisfx232.exe to just copy and transfer the individual
> files, but it doesn't seem to simply unzip the files - it wants to
> install directly from the exe.
>
> I thought maybe I could break it up using winzip, but winzip says it
> doesn't recognize it.
>
>

2777. Re: Would this reciever be useful for starting amateur SETI?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-11 00:00:00 UTC
From: "Alfred A. Aburto Jr." <aburto@cts.com>
Message-ID: <8ul5qq$77c$1@thoth.cts.com>
Source record: 7965
Cross-posted to: sci.astro.seti,alt.sci.seti,rec.radio.amateur.space

Joseph,

> "T. Joseph W. Lazio" <jlazio@patriot.net> wrote in message
news:m2g0kybtfz.fsf@patriot.net...
> >>>>> "AAA" == Alfred A Aburto <aburto@cts.com> writes:
>
> >> "T. Joseph W. Lazio" <jlazio@patriot.net> wrote in message
> >> news:m2bsvshdoa.fsf@patriot.net...
>
> AAA> I'd add though that there is the possiblity too that a
> AAA> civilization that "really" (REALLY) wanted to make themselves
> AAA> known to others in the Galaxy would transmit a powerful signal
> AAA> detectable easily by even a 3 or 5 meter dish. They wouldn't make
> AAA> it hard to detect!
>
> I've left this paragraph because it's what started all of this. As
> you know from writing the portion of the sci.astro FAQ, such a
> civilization would have enormous amounts of power at its disposal to
> transmit such a powerful signal. Even our most powerful radars would
> *just* be detectable over interstellar distances to a 3--5 meter
> antenna. To be detectable over 1000 light years or more to a 3--5
> meter dish requires *lots* of power, hence my focus on supercivs.

Yes, it would require lots of raw power!

If the power is "beamed" then it may not be so difficult though, even for
a "primitive" civilization. For example a really fine 12ft dish antenna
system could just barely detect a narrowband signal at 1.42GHz at a
range of 1500LY from a transmitter with an EIRP of 2000 Terrawatts
(2*10^15W) :-}. I used a bandwidth of 0.01Hz, Tsys = 20, and 200
seconds integration time (I know I'm pushing the limits, but it is not
impossible! Far from it). This (2*10^15W) is huge I admit, but
Arecibo's 305m dish antenna has a gain of 2*10^7 so the actual raw
power required would be only 100 Megawatts. This is doable, even
by us perhaps. If a transmitter 3000m in diameter were used then it
would have a gain of about 2*10^9 so that only 1Megawatt of power
would be required. It might get costly though to transmit continuously.
A supercivilization could do it easily I admit ...

It might be that "super civilizations" do not care to communicate with
lesser civilizations. It could be embarrassing too! Imagine me trying
to communicate with an ant :-)

It is disturbing to me that there does not appear (appear) to be any
evidence, except perhaps for the Universe itself, of super technology

out there. Maybe it is just because we have so much more to learn?
Maybe intelligent life is so rare only one in 10 galaxies has intelligent
life in it? Who knows?

Did you read the article by Eric Schulman "Where Are They" in the
Nov/Dec Mercury magazine? At about 400BC the Greek mathematician
and philosopher Metrodorus wrote: "It goes against nature in a large field
to grow only one shaft of wheat, and in an infinite universe to have
only one living world". There might be infinite civilizations out there,
like
a field of wheat, but the nearest civilization (shaft of wheat) may be in
the
next Galaxy or even farther beyond.

It is disturbing that we don't see evidence of super technology "out there",
but I'm sure they are out there nonetheless.

I guess I got worried because I thought you were saying META showed
that there were no supercivilizations out there. I apologize if I
misunderstood ...

>
>
> AAA> The independent variables are space, time, and frequency.
>
> I think some people add polarization to this list.

Yes, that is another factor ...

>
> AAA> If you look at all space at once then P1 = 1 (...). Even if you
> AAA> look at all the sky at once you still have the time factor (how
> AAA> long to look) to worry about. How long to look depends on how
> AAA> many civilizations are out there "pinging" away, the duration of
> AAA> the "ping", the time it takes their beam to sweep past the Earth,
> AAA> and the repetition rate (...).
>
> AAA> META did not look at all the sky at once. It takes one year to
> AAA> cover the sky. There were(are) plenty of opportunities to miss a
> AAA> signal momentarily directed at Earth.
>
> Right, and if you read Section 5 of Horowitz & Sagan (1993), you'll
> see that they actually phrase their limits in terms of the product of
> the transmitted power and duration of transmission.

Yes, I see that ...

>
> AAA> I think assuming a continuous transmission directly to Earth is
> AAA> being too optimistic. To assume continuous transmission and then
> AAA> deduce on a negative result that there are "no
> AAA> supercivilizations" out there is just wrong.
>

> Nonetheless, the most simple assumption is that the transmitter is on
> 100% of the time. I think that is the assumption behind the notion of
> interstellar beacons, certainly if those beacons are being used by
> advanced civs in an effort to transmit an Encyclopedia Galactica to
> less advanced civs (as some have speculated).

Think of a light house. The beacon is on all the time, but only a fraction of the sky gets illuminated at any instant. It flashes by. If you record it you'll see a blip and that is all. The META search is like a beacon too. They look all the time but only briefly at one spot in the sky at once. It takes one year to view the whole sky (the blip rate with META is 2 minutes per year... so reverse that and think of the blip rate for an equivalent META transmitter ... it might be similar, 2 minutes per year thats all we'll get).

The META results just say, in my opinion, that no one is transmitting continuously during the time period that META has looked. It doesn't mean they are not out there.

I think it is tremendously optimistic to assume a super civilization will transmit unimaginable power omnidirectionally for long periods of time! It would be foolhardy! Why should they? Think of that analogy of a super civilization trying to communicate with an ant (imagine trying to get funding from Congress for that) ...

All I'm saying is that it doesn't seem all that odd that META didn't find anything in 5 years. It is not wasted effort! We need to keep looking and improve the search ... no one says the "signals" have to repeat! We just need to accumulate more data and statistics just like seti@home is doing now ...

Al

>
> --
> Lt. Lazio, HTML police | e-mail: jlazio@patriot.net
> No means no, stop rape. | http://patriot.net/%7Ejlazio/
> sci.astro FAQ at http://sciastro.astronomy.net/sci.astro.html

2778. Re: ARISS Installation update

Newsgroup: rec.radio.amateur.space
Date: 2000-11-11 00:25:51 UTC
From: Eavesdropper <ian@eavesdropper.worldonline.co.uk>
Message-ID: <3a0c9212@news.server.worldonline.co.uk>
Source record: 7946
Cross-posted to: rec.radio.amateur.space,sci.space.station

This is fantastic news Bill, cannot wait to get started !

ian k.

"Will Marchant" <kc6rol@amsat.org> wrote in message
news:3A0C40E2.AA53AB6E@amsat.org...
> 2000-11-10 18:00 UTC: The ARISS team has just been informed by Mission
> Control in Moscow that the crew confirmed that they had installed the
> amateur radio hardware in the FGB. Several engineering test passes need
> to be performed before general ham radio operations can commence. This
> is a major step forward for amateur radio in human spaceflight.
>
> The ARISS web pages are at http://ariss.gsfc.nasa.gov/
>
> --
> Will Marchant
> marchant@ssl.berkeley.edu http://chips.ssl.berkeley.edu/~marchant/
> kc6rol@amsat.org New==>http://home.earthlink.net/~willmarchant/

2779. Re: SatTrak won't compile

Newsgroup: rec.radio.amateur.space
Date: 2000-11-11 01:11:17 UTC
From: hamish@cloud.net.au
Message-ID: <V01P5.10541$Xx3.44775@news1.eburwd1.vic.optushome.com.au>
Source record: 7947

Rob Janssen <nomail@rob.knoware.nl> wrote:
> You could also send a mail to SuSE support asking them to include an rpm in
> a future release. There are several Ham Radio rpm's on SuSE CD's, and when
> even Debian includes it on their distribution there should be no problem at
> all with any distribution limitations :-)

What do you mean "when even Debian includes it"? Debian has a good
selection of ham radio packages.

When you consider the number of officially supported packages (in all areas,
not just ham radio), from Debian, Red Hat, SuSE etc I suspect Debian has
far more than all the others.

Debian has been around for quite a few years. We just don't see
the need to play the version numbers game Red Hat, SuSE and Mandrake
are playing.

Hamish
--
Hamish Moffatt VK3SB <hamish@debian.org> <hamish@cloud.net.au>

2780. Re: ISS on 143.625

Newsgroup: rec.radio.amateur.space
Date: 2000-11-11 01:23:20 UTC
From: TomR@astro.net
Message-ID: <3a0c9ede.396174339@news.idsi.net>
Source record: 7948
Cross-posted to: rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.misc,alt.ham-radio.vhf-uhf,alt.radio.scanner

On Fri, 10 Nov 2000 15:17:11 -0500, "N1RZ" <n1rz@timhavens.com> wrote:

>The current team has performed no EVA's since arrival on station.
>
>However the lower voice you heard possibly was the ground control being
>heard in close proximty to the mike one of the team was using....? That's
>my best guess....I've heard that too...and assumed it was ground station via
>the ISS station's mike. If not that, perhaps it's the second Russian team
>member but I would ahve expected his voice to be the same level.
>
>Tim

My guess is that we're hearing a bit of what's in the headphones.
You DO hear one of the other guys in the background though I believe
from time to time. Maybe listening in to what Russian ground control
is saying, you know, being in on what's being said from the ground.

Tom - KB2SMS

>"Hawkeye" <aa1339@yahoo.com> wrote in message
>news:3a0b585e.291043097@news.gl.centurytel.net...
>> Heard the ISS clearly in Northern Ohio on Thursday from 1937-1942 GMT.
>> I heard two voices, seemingly in conversation with each other, one
>> signal more distinct than the other. I wouldn't think that I could
>> hear the ground station from here- is it possible that they were
>> communicating from module to module over this frequency? Or, perhaps
>> there was an EVA going on? Since I don't speak Russian, I couldn't
>> follow the actual conversation. Does anyone know the location of
>> groundstations in the USA that are authorized to talk to ISS?
>
>
>
>

2781. simple map drawning program

Newsgroup: rec.radio.amateur.space
Date: 2000-11-11 05:25:55 UTC
From: Serge Kourdakov <kourdak@mail.magelan.ru>
Message-ID: <8uil74$b33$1@news247.cnt.ru>
Source record: 7949

During development of OrbSat freeware program
I developed a very simple tool for Windows to view NASA shorelines data.
The program goes with source code so you could extend it for your needs.

Take it here
http://members.nbci.com/kourdakov/mapwalker.htm

Serge Kourdakov
http://members.nbci.com/kourdakov/the_site.htm

2782. Re: SatTrak won't compile

Newsgroup: rec.radio.amateur.space
Date: 2000-11-12 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn90ssqc.fuf.nomail@linux.pe1chl.ampr.org>
Source record: 7970

Hamish Moffatt VK3SB <hamish@cloud.net.au> wrote:
>Rob Janssen <nomail@rob.knoware.nl> wrote:
>> Some packages are not included with some distributions because the
>> licenses somehow conflict with the taste of the distributor. But that
>> should not be a problem in this case, I wanted to indicate.

>Debian has a very clear policy on what's an acceptable license,
>so that there is no need for subjectivity. See the Debian Free Software
>Guidelines at http://www.debian.org/social_contract

I know they have a clear policy, I just don't agree with it.
But I am using SuSE Linux, so that doesn't matter.

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

2783. Re: SatTrak won't compile

Newsgroup: rec.radio.amateur.space
Date: 2000-11-12 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn90st54.fuf.nomail@linux.pe1chl.ampr.org>
Source record: 7971

Jim Jerzycke <kq6ea@amsat.org> wrote:
>I found two versions of 3.1.6 which were rpm's converted from .deb
>packages (took the cowards way out!). One was sattrack-x11-3.1.1, and
>the other was just sattrack-3.1.6.
>Now I get an error about "tlex.dat not found". Do I have to pre-load it
>with Keps in the proper directory before it will run?

Now you will have to read the manual... It is named "sattrack.doc" and
it originally lived in a doc subdirectory of the source archive. It will
probably have been placed somewhere under /usr/doc by the rpm.

The tlex.dat is basically just a 2-line keps file. There are several
scripts included with sattrack that build this and other files from
downloaded data, but they are a bit complicated and too much hard-wired
to specific situations (like the 129.92.1.66 ftp server that no longer
exists). You will have to do some editing, or use another method to
collect 2-line keps.

I could post my version of gettle (converted to bash shell) but you would
need to edit it as well.

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

2784. Why do two sources for ISS location differ ?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-12 00:00:00 UTC
From: Pervert_Extraordinaire <valued_customer@att.com>
Message-ID: <3A0ECFB5.AB80D881@att.com>
Source record: 7972

I am trying to receive the 143.6250 frequency from the ISS.

I've been tracking the location of the ISS via the following:

Punch hole 1)
http://liftoff.msfc.nasa.gov/temp/StationLoc.html

Punch hole 2)
http://spaceflight.nasa.gov/realdata/tracking/index.html

Why do these two sources differ (for me). Presently the
first link places the ISS just east of Africa. The
second link places the ISS just west of Africa.

FYI, I'm in that odd part of Indiana that doesn't go
to daylight savings time, and I understand these links
use the PC system clock.

Any suggestions?

2785. Re: Why do two sources for ISS location differ ?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-12 00:00:00 UTC
From: Eavesdropper <ian@eavesdropper.worldonline.co.uk>
Message-ID: <3a0ec335@news.server.worldonline.co.uk>
Source record: 7973

it may well be that they do not update the keplarian elements at the same time or they are basing their tracking base station time differently. ie. one GMT and one a different time although usually they all base on GMT. and don't forget inetrnet lag that may differ from each of them if they are real time.

ian k.

"Pervert_Extraordinaire" <valued_customer@att.com> wrote in message news:3A0ECFB5.AB80D881@att.com...
> I am trying to receive the 143.6250 frequency from the ISS.
>
> I've been tracking the location of the ISS via the following:
>
> Punch hole 1)
> http://liftoff.msfc.nasa.gov/temp/StationLoc.html
>
> Punch hole 2)
> http://spaceflight.nasa.gov/realdata/tracking/index.html
>
> Why do these two sources differ (for me). Presently the
> first link places the ISS just east of Africa. The
> second link places the ISS just west of Africa.
>
> FYI, I'm in that odd part of Indiana that doesn't go
> to daylight savings time, and I understand these links
> use the PC system clock.
>
> Any suggestions?

2786. Re: ISS on 143.625

Newsgroup: rec.radio.amateur.space
Date: 2000-11-12 00:00:00 UTC
From: aa1339@yahoo.com
Message-ID: <3a0ebf05.513930162@news.gl.centurytel.net>
Source record: 7974
Cross-posted to: rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.misc,alt.ham-radio.vhf-uhf,alt.radio.scanner

On Saturday 11/11 from Northern Ohio, at 1248 GMT I heard an ISS crewman say a few words, then there was a few seconds of dead air, then instant static- sounded like they shut the transmitter off. As they passed over three orbits later, at 1738 GMT, the transmitter was still silent. One orbit after that, at 1913 GMT, I heard the signal come on, a voice said "Hallo- hallo- hallo-" then some ensuing chatter in Russian.

So what was this all about? A sleep period perhaps, or maybe transmitter maintenance?

Just for the record, I track satelites using SatSpy 3.03, I get element sets from the NASA Orbital Information Group at http://oig1.gsfc.nasa.gov/scripts/foxweb.exe/app01? and monitored the frequency on an Alinco DJX10 attached to a mobile mount 2M antenna.

2787. Re: Why do two sources for ISS location differ ?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-12 00:00:00 UTC
From: Pervert_Extraordinaire <valued_customer@att.com>
Message-ID: <3A0F032E.9C77E98B@att.com>
Source record: 7975

Eavesdropper wrote:
> it may well be that they do not update the keplarian elements at the same
> time or they are basing their tracking base station time differently. ie.
> one GMT and one a different time although usually they all base on GMT. and
> don't forget inetrnet lag that may differ from each of them if they are real
> time.

Thanks Ian, I added ~6 minute offset to mt PC clock and they came
closer.
Apparently the http://spaceflight.nasa.gov/realdata/tracking/index.html
site uses the system clock. I was amazed how much distance is
'traveled'
in a six minute 'offset'.

This leads me to question which is 'right'? Is there some definitive
method of tracking the ISS?

> > Why do these two sources differ (for me). Presently the
> > first link places the ISS just east of Africa. The
> > second link places the ISS just west of Africa.

2788. Re: Why do two sources for ISS location differ ?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-12 00:00:00 UTC
From: Peter Hodgson <va3pkh@rac.ca>
Message-ID: <3A0ED57A.AE470894@rac.ca>
Source record: 7976

By going back and forth between pages
they appear to be 40 sec different in UTC.
They are not using your PC clock but they do appear to be using
either two different clocks or their connection speeds to "the" clock
are varying in speed.

Either way it doesn't make much difference to the location.

Pervert_Extraordinaire wrote:
>
> I am trying to receive the 143.6250 frequency from the ISS.
>
> I've been tracking the location of the ISS via the following:
>
> Punch hole 1)
> http://liftoff.msfc.nasa.gov/temp/StationLoc.html
>
> Punch hole 2)
> http://spaceflight.nasa.gov/realdata/tracking/index.html
>
> Why do these two sources differ (for me). Presently the
> first link places the ISS just east of Africa. The
> second link places the ISS just west of Africa.
>
> FYI, I'm in that odd part of Indiana that doesn't go
> to daylight savings time, and I understand these links
> use the PC system clock.
>
> Any suggestions?

2789. Re: Why do two sources for ISS location differ ?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-12 00:00:00 UTC
From: Pervert_Extraordinaire <valued_customer@att.com>
Message-ID: <3A0F03E8.3C8F40DF@att.com>
Source record: 7977

Peter Hodgson wrote:
>
> By going back and forth between pages
> they appear to be 40 sec different in UTC.
> They are not using your PC clock but they do appear to be using
> either two different clocks or their connection speeds to "the" clock
> are varying in speed.

The http://spaceflight.nasa.gov/realdata/tracking/index.html site
appears to be affected by changing my system clock. I can't seem
to get them to agree sufficiently to trust either?

Sorry 'bout my ignorance.

> Either way it doesn't make much difference to the location.

2790. Re: SatTrak won't compile

Newsgroup: rec.radio.amateur.space
Date: 2000-11-12 00:00:00 UTC
From: Jim Jerzycke <kq6ea@amsat.org>
Message-ID: <3A0EDF8F.E9FAA2D3@amsat.org>
Source record: 7978

I ran maketlex, and got an error about no directory being found. I manually made the directory, and the next time I ran "sattrack", it came up. The keps were out of date (Duh!), but at least it came up, in text mode. I guess I have to READ all the docs, and figure out where I went wrong to get it in graphical mode.
Thanks, Jim

2791. Re: Would this reciever be useful for starting amateur SETI?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-12 00:00:00 UTC
From: jlazio@patriot.net
Message-ID: <m2u29d82yn.fsf@patriot.net>
Source record: 7979
Cross-posted to: sci.astro.seti,alt.sci.seti,rec.radio.amateur.space

>>>>> "AAA" == Alfred A Aburto <aburto@cts.com> writes:

AAA> All I'm saying is that it doesn't seem all that odd that META
AAA> didn't find anything in 5 years. It is not wasted effort! We need
AAA> to keep looking and improve the search ... no one says the
AAA> "signals" have to repeat! We just need to accumulate more data
AAA> and statistics just like seti@home is doing now ...

Oh, we agree essentially completely. META, and SETI in general, are
not wasted efforts. However, we cannot ignore the results of META.
If there are supercivs in the Milky Way, they are not falling all over
themselves to make themselves known to less civilizations like us.

--
Lt. Lazio, HTML police | e-mail: jlazio@patriot.net
No means no, stop rape. | http://patriot.net/%7Ejlazio/
sci.astro FAQ at http://sciastro.astronomy.net/sci.astro.html

2792. What did I hear on 145.850?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-12 00:00:00 UTC
From: Glenn Butzlaff <gbutzlaff@voyager.net>
Message-ID: <3a0eebe8$0$99041$726baab@news.execpc.com>
Source record: 7980

Saturday night right before dark I heard a lot of activity on 145.850 that did'nt appear to be strictly uplink. I was hearing stations from all over the US and some XE's as well. Surely I wasnt hearing uplinks, so Im wondering what satellite was using 145.850 as a downlink Any info would be appreciated. TIA.

Glenn Butzlaff, WE9K

2793. Re: Why do two sources for ISS location differ ?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-12 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn90tmhn.fuf.nomail@linux.pe1chl.ampr.org>
Source record: 7981

Pervert_Extraordinaire <valued_customer@att.com> wrote:
>Thanks Ian, I added ~6 minute offset to mt PC clock and they came
>closer.
>Apparently the http://spaceflight.nasa.gov/realdata/tracking/index.html
>site uses the system clock. I was amazed how much distance is
>'traveled'
>in a six minute 'offset'.

>This leads me to question which is 'right'? Is there some definitive
>method of tracking the ISS?

You certainly need an accurate clock. Something that you manually set plus
or minus 6 minutes is not accurate enough for good results.
I use a DCF77 receiver, but that only works in Europe. Similar
possibilities exist in the US.

Even then, the keplerian elements are not very accurate when they are not
frequently updated. And even with very recent elements I get positions
that differ by (up to) a couple of degrees when compared to the screens
shown at NASA TV.

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

2794. Re: SatTrak won't compile

Newsgroup: rec.radio.amateur.space
Date: 2000-11-12 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn90tv0b.fuf.nomail@linux.pe1chl.ampr.org>
Source record: 7982

```
Jim Jerzycke <kq6ea@amsat.org> wrote:
>I ran maketlex, and got an error about no directory being found. I
>manually made the directory, and the next time I ran "sattrack", it came
>up. The keps were out of date (Duh!), but at least it came up, in text
>mode. I guess I have to READ all the docs, and figure out where I went
>wrong to get it in graphical mode.

- make sure you are running X
- press the 'g' key while it is running in display mode

Reading the docs is a good plan.

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+
```

2795. Re: What did I hear on 145.850?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-12 00:00:00 UTC
From: frg9600 <frg9600@home.com>
Message-ID: <mKEP5.415587$i5.7095915@news1.frmt1.sfba.home.com>
Source record: 7983

http://www.101science.com/amsatfreqchart.htm

Glenn Butzlaff <gbutzlaff@voyager.net> wrote in message
news:3a0eebe8$0$99041$726baab@news.execpc.com...
> Saturday night right before dark I heard a lot of activity on 145.850 that
> did'nt appear to be strictly uplink. I was hearing stations from all over
> the US and some XE's as well. Surely I wasnt hearing uplinks, so Im
> wondering what satellite was using 145.850 as a downlink Any info would be
> appreciated. TIA.
>
> Glenn Butzlaff, WE9K
>
>

2796. Finding passes 7-10 days in advance

Newsgroup: rec.radio.amateur.space
Date: 2000-11-12 00:00:00 UTC
From: sbcmusic@aol.com
Message-ID: <20001112183937.12082.00001128@ng-bg1.aol.com>
Source record: 7984

Hi all, I'm getting ready to take a vacation to the Great Smoky Mountains, and am needing ot find pass times for spacecraft 7-10 days in advance......is there a web site or other way I can do that? I won't have a computer with me, so can't check daily.

Thanks for any info,
Rick N9GSU

2797. Re: Finding passes 7-10 days in advance

Newsgroup: rec.radio.amateur.space
Date: 2000-11-12 00:00:00 UTC
From: Ralph Mowery <rmowery@dialpoint.net>
Message-ID: <3A0F2DEA.D02CC496@dialpoint.net>
Source record: 7985

There are several programs that will let you run the passes in advance.
Look at amsat.org to see if they have any free or sharewear programs
that might work for you.

SBCmusic wrote:
>
> Hi all, I'm getting ready to take a vacation to the Great Smoky Mountains, and
> am needing ot find pass times for spacecraft 7-10 days in advance......is there
> a web site or other way I can do that? I won't have a computer with me, so
> can't check daily.
>
> Thanks for any info,
> Rick N9GSU

2798. Re: Why do two sources for ISS location differ ?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-12 00:00:00 UTC
From: Tim <tthomps@nospam.erols.com>
Message-ID: <8unns9$797$1@bob.news.rcn.net>
Source record: 7986

Hawkeye wrote in message <3a0f4ea3.550696459@news.gl.centurytel.net>...
>I've been using SatSpy for several years and it hasn't failed to show
>the exact position of any Earth orbit object I've tried to track.
>From their website (www.satspy.com) you can download a shareware
>version. The registered version is $40, well worth the investment.
>
>Another critical item is your element sets. The most current I've
>found are at the NASA Orbital Information Group:
>http://oig1.gsfc.nasa.gov/scripts/foxweb.exe/app01?
>The elements change daily, make sure you always have a fresh set.
>
>Lastly, you need an accurate watch, one you can set to the second via
>WWV. Make sure you set the watch and your computer clock accurately
>and frequently.

Excellent comments. I've recently done some work generating Two-line Elements (TLEs) and comparing them with high quality spacecraft ephemerides. For a spacecraft in a very low orbit like ISS (I used TRMM), I was able to generate TLEs that predicted the orbit to within about 30 km after two days. Near the TLE epoch, the agreement is typically less than 1 km (sometimes as low as 250 meters!).

The element sets generally reflect maneuvers only after the maneuver has occurred. Consequently a one or two day old element set can give predictions significantly in error if a maneuver occurred after they were generated. Other factors can greatly affect the ISS orbit, such as solar flares. Although it is massive, atmospheric drag is the second most significant force acting on it (after gravity).

Tim

2799. Re: SatTrak won't compile

Newsgroup: rec.radio.amateur.space
Date: 2000-11-12 00:38:51 UTC
From: Jim Jerzycke <kq6ea@amsat.org>
Message-ID: <3A0DE69B.E6D433C4@amsat.org>
Source record: 7966

I found two versions of 3.1.6 which were rpm's converted from .deb
packages (took the cowards way out!). One was sattrack-x11-3.1.1, and
the other was just sattrack-3.1.6.
Now I get an error about "tlex.dat not found". Do I have to pre-load it
with Keps in the proper directory before it will run?
Guess I'll just keep looking for the source, use your graciously
provided makefile, and try it that way.
At least I'm getting closer!
73, Jim

2800. Re: ISS on 143.625

Newsgroup: rec.radio.amateur.space
Date: 2000-11-12 01:33:46 UTC
From: Pervert_Extraordinaire <valued_customer@att.com>
Message-ID: <3A0E1DCC.BE292327@att.com>
Source record: 7967
Cross-posted to: rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.misc

Rob Janssen wrote:

> The entire story has recently been posted on rec.radio.amateur.space

Many thanks Rob. Us newby's need these hints. This is an area of
scanning I really finding facinating.

2801. Re: SatTrak won't compile

Newsgroup: rec.radio.amateur.space
Date: 2000-11-12 03:27:35 UTC
From: hamish@cloud.net.au
Message-ID: <H6oP5.10741$Xx3.45378@news1.eburwd1.vic.optushome.com.au>
Source record: 7968

Jim Jerzycke <kq6ea@amsat.org> wrote:
> I found two versions of 3.1.6 which were rpm's converted from .deb
> packages (took the cowards way out!). One was sattrack-x11-3.1.1, and
> the other was just sattrack-3.1.6.
> Now I get an error about "tlex.dat not found". Do I have to pre-load it
> with Keps in the proper directory before it will run?
> Guess I'll just keep looking for the source, use your graciously
> provided makefile, and try it that way.

Those RPMs are converted from my Debian package (by me).

You need to run "maketlex" after installation (as root).
There are some keps provided (although they're a bit old now).
The Debian package runs maketlex upon installation automatically,
but the converted RPMs don't.

hamish
--
Hamish Moffatt VK3SB <hamish@debian.org> <hamish@cloud.net.au>

2802. Re: SatTrak won't compile

Newsgroup: rec.radio.amateur.space
Date: 2000-11-12 03:29:03 UTC
From: hamish@cloud.net.au
Message-ID: <38oP5.10742$Xx3.45378@news1.eburwd1.vic.optushome.com.au>
Source record: 7969

Rob Janssen <nomail@rob.knoware.nl> wrote:
> Some packages are not included with some distributions because the
> licenses somehow conflict with the taste of the distributor. But that
> should not be a problem in this case, I wanted to indicate.

Debian has a very clear policy on what's an acceptable license,
so that there is no need for subjectivity. See the Debian Free Software
Guidelines at http://www.debian.org/social_contract

Hamish
--
Hamish Moffatt VK3SB <hamish@debian.org> <hamish@cloud.net.au>

2803. Re: ISS on 143.625

Newsgroup: rec.radio.amateur.space
Date: 2000-11-13 00:00:00 UTC
From: Patrik Norqvist <nor@cd.chalmers.se>
Message-ID: <3A101023.90A91D87@cd.chalmers.se>
Source record: 7849
Cross-posted to: rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.misc,alt.ham-radio.vhf-uhf,alt.radio.scanner

Tim Moore skrev:
>
> I have listened to 143.625 for a week now. That freq is a full duplex
> downlink. The uplink freq is a different freq and I am not sure what it
> is(should be 144.95).

[cut]

In the frequency file (stsplus.frq from 11 november 2000) for the
STSPLUS tracking software the uplink fq is stated to be 139,2080 with
the downlink fq 143,6250 for "ISS-VHF1". There are also a number of
other fq:s available for the ISS, but I don't know if they are used at
this time or not.

Regards
/Patrik

2804. Re: Installing UI-View on a different computer

Newsgroup: rec.radio.amateur.space
Date: 2000-11-13 00:00:00 UTC
From: Art Norman <artn@xetron.com>
Message-ID: <3a101ddb$1@news.xetron.com>
Source record: 7850

Another option would be to use the Windows "direct cable connection" . You
may have to add it (under
accessories/communications) to your system, and make up a cable long enough
to reach, but it does the job.
Art N2ERI

"Jerry Flanders" <jflanders2@home.com> wrote in message
news:3a0c6da3.1905718745@news...
> Hi Guys
>
> I have downloaded UIView (uisfx232.exe from
> ..propnet/beaconnet/level-2) onto my internet computer. File size is
> around 1.9 megs.
>
> I have to install UIView on my ham radio computer in another room,
> which is not on the internet. Normally I can transfer files via
> floppy, but this one is too big.
>
> I tried to open uisfx232.exe to just copy and transfer the individual
> files, but it doesn't seem to simply unzip the files - it wants to
> install directly from the exe.
>
> I thought maybe I could break it up using winzip, but winzip says it
> doesn't recognize it.
>
> Is there any way to somehow use a 1.44 MB floppy transfer system with
> this?
>
> Any ideas?
>
> Jerry W4UK

2805. 9600 baud Pacsat HT or mobiles?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-13 00:00:00 UTC
From: Ken Harris <KHarri4@attglobal.net>
Message-ID: <3A103349.CF601EF7@attglobal.net>
Source record: 7851
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.space

Are there any mobiles (or HTs) that can do 9600 baud pacsat?
I noticed the Kenwood TM-D700A says, "Satellite packet ready",
but it looks a bit bulky and expensive.
Seems to me that they need at least 3 things:

1. 9600 baud
2. 2m/70cm full duplex (separate antenna connectors would be nice)
3. fairly fine frequency control to compensate for doppler

I noticed that the Alinco DJ-G5TH (HT) says, "full duplex".
I suppose this is designed for the AO27.

The Yausu FT90R says, "9600 baud". It looks real small
and is not too expensive.

2806. Re: ISS on 143.625

Newsgroup: rec.radio.amateur.space
Date: 2000-11-13 00:00:00 UTC
From: Reed Park <reedpark@nbnet.nb.ca>
Message-ID: <3A103600.86365B88@nbnet.nb.ca>
Source record: 7852
Cross-posted to: rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.misc,alt.ham-radio.vhf-uhf,alt.radio.scanner

143.625 is the Beacon frequency.

Uplink is 144.900 with downlink of 145.800

7 3
Reed

--

ARROW Research (Avro CF-105)
Reed Park
252 Gauvin Road
Dieppe, New Brunswick
Canada E1A1M1

Amateur Radio VE1NU
WW II, # 19 SET user
I.C.Q. # 4138282

2807. Re: ISS on 143.625

Newsgroup: rec.radio.amateur.space
Date: 2000-11-13 00:00:00 UTC
From: Pervert_Extraordinaire <valued_customer@att.com>
Message-ID: <3A106FBB.3A2861C0@att.com>
Source record: 7853
Cross-posted to: rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.misc,alt.ham-radio.vhf-uhf,alt.radio.scanner

Reed Park wrote:
>
> 143.625 is the Beacon frequency.
>
> Uplink is 144.900 with downlink of 145.800

Can you elaborate on this? I've heard them once on
143.6250. It was very scratchy but understandable.
(except for the Russian thing) ;-)

Should we scan 144.900 and 145.800 too?

2808. AMSAT Phase 3D H.F. Launch Nets.

Newsgroup: rec.radio.amateur.space
Date: 2000-11-13 00:00:00 UTC
From: vlfiscus@mcn.net
Message-ID: <t10ibqp29lrkb7@news.supernews.com>
Source record: 7854
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

The launch is scheduled for 11/15/00 01:07UTC Tuesday evening U.S. time.

The Launch Information Net also will be carried by key HF stations, led by the Goddard Amateur Radio Club's WA3NAN (http://garc.gsfc.nasa.gov/www/retransmission/retrans_status.html). WA3NAN expects to be on the air an hour prior to launch and will re-transmit on its shuttle frequencies, 3.860, 7.185, 14.295, 21.395, and 147.45 MHz. W5RRR at the Johnson Space Center in Texas - or its alternates - will use 3.840, 7.279, and 14.282 MHz.

The Radio Club of Kourou FY5KE also has announced plans to broadcast the Phase 3D launch on 14.315 MHz in French "and probably in English."

2809. Re: AMSAT Phase 3D H.F. Launch Nets.

Newsgroup: rec.radio.amateur.space
Date: 2000-11-13 00:00:00 UTC
From: "D. Stussy" <kd6lvw@bde-arc.ampr.org>
Message-ID: <Pine.LNX.4.10.10011132007360.8497-100000@exp.bde-arc.ampr.org>
Source record: 7855
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.space,rec.radio.shortwave

On Mon, 13 Nov 2000, Vince Fiscus, KB7ADL wrote:
> The launch is scheduled for 11/15/00 01:07UTC Tuesday evening U.S. time.
>
> The Launch Information Net also will be carried by key HF stations, led
> by the Goddard Amateur Radio Club's WA3NAN
> (http://garc.gsfc.nasa.gov/www/retransmission/retrans_status.html).
> WA3NAN expects to be on the air an hour prior to launch
> and will re-transmit on its shuttle frequencies, 3.860, 7.185, 14.295,
> 21.395, and 147.45 MHz. W5RRR at the Johnson Space Center in Texas - or
> its alternates - will use 3.840, 7.279, and 14.282 MHz.
>
> The Radio Club of Kourou FY5KE also has announced plans to broadcast the
> Phase 3D launch on 14.315 MHz in French "and probably in English."

Any indication of satellite coverage? Some repeaters have satellite downlinks
attached (for NASA feeds, etc.).

2810. Re: ISS on 143.625

Newsgroup: rec.radio.amateur.space
Date: 2000-11-13 00:00:00 UTC
From: N1RZ <n1rz@timhavens.com>
Message-ID: <foYP5.3330$r63.30839@e420r-sjo2.usenetserver.com>
Source record: 7856
Cross-posted to: rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.misc,alt.ham-radio.vhf-uhf,alt.radio.scanner

Please read the following URLs. The information Reed has supplied is not correct as far as I'm aware.

143.625 is NOT a beacon frequency. It is the Russian Downlink from ISS to the Russian Ground Control.

http://ariss.gsfc.nasa.gov/ExpeditionOne/

For Ham Radio Tentative Frequencies are:
Initial operations will only take place on the 2m band.

Here are the tentative frequencies for Expedition One operations: Worldwide downlink for voice and packet: 145.80
Worldwide packet uplink: 145.99
Region 1 voice uplink: 145.20
Region 2 & 3 voice uplink: 144.49

Reed, please quote your source or correct your comments.

Tim

"Reed Park" <reedpark@nbnet.nb.ca> wrote in message news:3A103600.86365B88@nbnet.nb.ca...
> 143.625 is the Beacon frequency.
>
> Uplink is 144.900 with downlink of 145.800
>
> 7 3
> Reed

2811. Re: AMSAT Phase 3D H.F. Launch Nets.

Newsgroup: rec.radio.amateur.space
Date: 2000-11-13 00:00:00 UTC
From: N1RZ <n1rz@timhavens.com>
Message-ID: <imYP5.2240$Ds3.29713@e420r-sjo3.usenetserver.com>
Source record: 7857
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Any comments on where to find first signals to monitor for after the launch?

N1RZ

2812. Re: AMSAT Phase 3D H.F. Launch Nets.

Newsgroup: rec.radio.amateur.space
Date: 2000-11-13 00:00:00 UTC
From: fotoralf@gmx.de
Message-ID: <1ek20pq.ezoc9y1j2ckk9N%fotoralf@gmx.de>
Source record: 7858
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.space,rec.radio.shortwave

D. Stussy <kd6lvw@bde-arc.ampr.org> wrote:

> Any indication of satellite coverage? Some repeaters have satellite
> downlinks
> attached (for NASA feeds, etc.).

European readers may want to note that the launch will be covered live
on German Bayern 3 TV available via Astra in analog as well as digital
format.

73,
Ralf

--
Ralf R. Radermacher - DL9KCG - Kï¿½ln/Cologne, Germany
http://www.free-photons.de

e-mail from trash accounts (deja, yahoo) automatically rejected

2813. Re: What did I hear on 145.850?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-13 00:00:00 UTC
From: "mews.span.ch" <pourquoipasmoi15@hotmail.com>
Message-ID: <8uplo4al1@news1.span.ch>
Source record: 7859

I have hear QSO on 145.850 FM ! 2 or 3 time the last Week !

In Switzerland !

But not in the ISS Pass ...

i dont now what is it ???

HB9VAF - 73 de Marco

hb9vaf"nospam"@uska.ch

"Glenn Butzlaff" <gbutzlaff@voyager.net> a crit dans le message news:
3a0eebe8$0$99041$726baab@news.execpc.com...
> Saturday night right before dark I heard a lot of activity on 145.850 that
> did'nt appear to be strictly uplink. I was hearing stations from all over
> the US and some XE's as well. Surely I wasnt hearing uplinks, so Im
> wondering what satellite was using 145.850 as a downlink Any info would be
> appreciated. TIA.
>
> Glenn Butzlaff, WE9K
>
>

2814. Re: Would this reciever be useful for starting amateur SETI?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-13 00:00:00 UTC
From: "Alfred A. Aburto Jr." <aburto@cts.com>
Message-ID: <8upluq$1b37$1@thoth.cts.com>
Source record: 7860
Cross-posted to: sci.astro.seti,alt.sci.seti,rec.radio.amateur.space

Naw :)

> "Kate Martin" <ktee@_REMOVEME_chariot.net.au> wrote in message
news:3A100EF2.9424FB51@_REMOVEME_chariot.net.au...
>
> When you go to the zoo...
>
> Do you try to "contact" the lizards?
>
> Kate
> :)
>
>
> "Alfred A. Aburto Jr." wrote:
> >
> > Yes, it seems true ...
> >
> > I don't want to be discouraged though. Not yet.
> > It is too soon. I want to die an old man still thinking
> > there is alot more out there than we can see right
> > now ...
> >
> > I'm positive there is ...
> >
> > > "T. Joseph W. Lazio" <jlazio@patriot.net> wrote in message
> > news:m2u29d82yn.fsf@patriot.net...
> > > >>>>> "AAA" == Alfred A Aburto <aburto@cts.com> writes:
> > > >
> > > > AAA> All I'm saying is that it doesn't seem all that odd that META
> > > > AAA> didn't find anything in 5 years. It is not wasted effort! We need
> > > > AAA> to keep looking and improve the search ... no one says the
> > > > AAA> "signals" have to repeat! We just need to accumulate more data
> > > > AAA> and statistics just like seti@home is doing now ...
> > > >
> > > > Oh, we agree essentially completely. META, and SETI in general, are
> > > > not wasted efforts. However, we cannot ignore the results of META.
> > > > If there are supercivs in the Milky Way, they are not falling all over
> > > > themselves to make themselves known to less civilizations like us.
> > > >
> > > > --
> > > > Lt. Lazio, HTML police | e-mail: jlazio@patriot.net
> > > > No means no, stop rape. | http://patriot.net/%7Ejlazio/
> > > > sci.astro FAQ at http://sciastro.astronomy.net/sci.astro.html

2815. Phase 3 D

Newsgroup: rec.radio.amateur.space
Date: 2000-11-13 00:00:00 UTC
From: cesare <cecaprar@tin.it>
Message-ID: <8upm0n$ib9$1@nslave3.tin.it>
Source record: 7861

Ken, many thanks for the info. I provided to disseminate your message in my country. All of us are looking forward to hear the bird from the space. Personally i was working the AO10, AO13 and it is 6 years I'm waiting for this new one ! All the best and hope to contact you sometime in the near future on Phase 3 D ! Cesare I2JZ i2jz@amsat.org cecaprar@tin.it

2816. Re: Phase 3 D

Newsgroup: rec.radio.amateur.space
Date: 2000-11-13 00:00:00 UTC
From: cesare <cecaprar@tin.it>
Message-ID: <8upm0s$ib9$2@nslave3.tin.it>
Source record: 7862

cesare ha scritto nel messaggio ...
>Hope to contact you soon on the bird. Wow ! It's great endeed !! 73 de I2JZ
>i2jz@amsat.org
>
>
>
>

2817. Re: Why do two sources for ISS location differ ?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-13 00:00:00 UTC
From: Pervert_Extraordinaire <valued_customer@att.com>
Message-ID: <3A109BDC.9CB19503@att.com>
Source record: 7863

<Several suggestions snipped>

Thanks to all who responded to my thread! I understood
about 80% of the issues. I think I'll subscribe to
tlelist-subscribe@idb.com.au , download SATSPY, and ATOMTIME.

Perhaps after I get a bit more familiar with the topic
I can ask (relatively) intelligent questions. This sounds
like a extremely interesting hobby/activity. Listing to the
ISS was really neat.

Final query: Any suggestion for web site reources?
Sat tracking for dummies?

TIA

2818. Re: ISS on 143.625

Newsgroup: rec.radio.amateur.space
Date: 2000-11-13 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn910jn4.tfn.nomail@linux.pe1chl.ampr.org>
Source record: 7864
Cross-posted to: rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.misc,alt.ham-radio.vhf-uhf,alt.radio.scanner

Pervert_Extraordinaire <valued_customer@att.com> wrote:
>Reed Park wrote:
>>
>> 143.625 is the Beacon frequency.
>>
>> Uplink is 144.900 with downlink of 145.800

>Can you elaborate on this? I've heard them once on
>143.6250. It was very scratchy but understandable.
>(except for the Russian thing) ;-)

He is confused between amateur radio and regular operations.

143.625 is the regular downlink (corresponding uplink is 139.208), you
may use it as a beacon when you are in a groundstation coverage area.

145.800 is the amateur radio downlink. Of course you may want to scan
uplinks for curiosity, but it is not really useful.

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

2819. Re: What did I hear on 145.850?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-13 00:00:00 UTC
From: ke4qkn@aol.com
Message-ID: <20001113181008.15908.00002842@ng-fi1.aol.com>
Source record: 7865

>I have hear QSO on 145.850 FM ! 2 or 3 time the last Week !
>
>In Switzerland !
>
>But not in the ISS Pass ...
>
>i dont now what is it ???

Isnt this the MIR frequency as well? Possible you heard something coming from there......

Mark
KE4QKN

2820. Re: AMSAT Phase 3D H.F. Launch Nets.

Newsgroup: rec.radio.amateur.space
Date: 2000-11-13 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn910u5k.tfn.nomail@linux.pe1chl.ampr.org>
Source record: 7866
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.space,rec.radio.shortwave

Ralf R. Radermacher <fotoralf@gmx.de> wrote:
>European readers may want to note that the launch will be covered live
>on German Bayern 3 TV available via Astra in analog as well as digital
>format.

Yes, there must be some space addicts working there :-)

Sometimes I watch it (via Astra) when I'm awake after 01:00. It would be
nice if they had a less rigid schedule...

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

2821. Re: What did I hear on 145.850?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-13 00:00:00 UTC
From: N1RZ <n1rz@timhavens.com>
Message-ID: <3m0Q5.4673$r63.72337@e420r-sjo2.usenetserver.com>
Source record: 7867

No one is on MIR right now I doubt it's coming from that.....

> Isnt this the MIR frequency as well? Possible you heard something coming
from
> there......
>
> Mark
> KE4QKN
>

2822. FW: ARLS018 ISS crew completes installation of Amateur Radio hardware

Newsgroup: rec.radio.amateur.space
Date: 2000-11-13 00:00:00 UTC
From: N1RZ <n1rz@timhavens.com>
Message-ID: <qc0Q5.3057$Ds3.56304@e420r-sjo3.usenetserver.com>
Source record: 7868

SB SPACE @ ARL $ARLS018
ARLS018 ISS crew completes installation of Amateur Radio hardware

ZCZC AS18
QST de W1AW
Space Bulletin 018 ARLS018
>From ARRL Headquarters
Newington, CT November 13, 2000
To all radio amateurs

SB SPACE ARL ARLS018
ARLS018 ISS crew completes installation of Amateur Radio hardware

According to Will Marchant, KC6ROL, the International Space Station crew has completed installation of the Amateur Radio hardware in the Functional Cargo Block.

With the successful execution of engineering tests today, the Amateur Radio on the International Space Station (ARISS) project has passed a significant milestone. The initial two passes were tested at the Gagarin Cosmonaut Training Center (GCTC) ham shack R3K in Star City near Moscow. The control operators were Sergej Samburov, RV3DR, and Vladimir Zagainov, UA3DKR. Sergej is the Russian delegate to the ARISS team.

Subsequent tests at the NN1SS station at the Goddard Space Flight Center (Greenbelt, MD) and the W5RRR station at Johnson Space Center (Houston, TX) were equally successful. Engineering tests with the packet rig still need to be organized.

The crew, while still very busy, expressed their interest and support of Amateur Radio activities on the ISS. It seems likely that over the next few weeks, as the crew's schedule settles out, amateurs may be able to look forward to more Amateur Radio activity from humanity's latest foothold in space.
NNNN
/EX

2823. Re: Would this reciever be useful for starting amateur SETI?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-13 00:00:00 UTC
From: Christopher C Parrish <ccparrish@pdq.net>
Message-ID: <01F90151BB512391.3041B203C3372ACC.3A4BF7F163C8A128@lp.airnews.net>
Source record: 7869
Cross-posted to: sci.astro.seti,alt.sci.seti,rec.radio.amateur.space

What is META?

CCParrish

2824. Re: AMSAT Phase 3D H.F. Launch Nets.

Newsgroup: rec.radio.amateur.space
Date: 2000-11-13 00:00:00 UTC
From: Gary Sanford <sanford1@sprynet.com>
Message-ID: <sc811tskqs95a5mkq5s5qfbr9dtne7vpl0@4ax.com>
Source record: 7870
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Try : http://www.spaceflightnow.com./tracking/index.html for really
good launch coverage.

~~~~~~~~~~~~~~~~
Gary Sanford
sanford1@spectradyne.com (pgp public key available)
~~~~~~~~~~~~~~~~

2825. Re: Would this reciever be useful for starting amateur SETI?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-13 00:00:00 UTC
From: "Alfred A. Aburto Jr." <aburto@cts.com>
Message-ID: <8uq862$1vf3$1@thoth.cts.com>
Source record: 7871
Cross-posted to: sci.astro.seti,alt.sci.seti,rec.radio.amateur.space

META stands for "Megachannel ExtraTerrestrial Assay". It is
a SETI program conducted at Harvard University by Prof Paul
Horowitz and his students. A very innovative project using
MC68000 CPU's to do FFT's over a 400KHz band. The
bin spacing is 0.05 Hz. The project is sponsored by the
Planetary Society. The project began operations in late 1985
using the Harvard's 26 meter dish radio telescope. At 1.42GHz
the beamwidth is about 0.5 degrees. It performs a transit
search of the sky. It is moved in declination by 1/2 beamwidth
each day until the sky from -30 deg to +60 deg declination is
covered. It takes about one year to cover the whole sky. They
ran for a number of years until (I think) a big wind blew the
dish antenna down (last year). The Planetary Society is currently
raising funds to help get the telescope back in operation.

Harvard also runs project BETA (billion channels). The Planetary
Society provides support both to Harvard and an Argentina BETA
survey.

Check the Planetary Society web pages for more information
(http://www.planetary.org/html/UPDATES/seti/index.html) or
the Harvard SETI web site (http://mc.harvard.edu/seti/) ...

Projects META, and BETA, have covered the whole sky a number
of times already without any positive results. A paper was published
in 1993 by Horowitz and Sagan in the Astrophysical Journal
describing results after five years of looking.

Joseph summerized the results well. If there were any supercivilizations
out there putting any high level energy over long periods of time in the
waterhole region, during the time that they looked, then META/BETA
would have detected that. They found nothing really. There were a
number (37) really high level spikes detected but they did not repeat
so not much could be said about them. The highest level signals did
show up in the Milky Way region though. Still, if they don't repeat you
really can't have high confidence in them.

The evidence seems to be building up that there are no super civilizations
out there using extreme technology and energy (capable of harnassing the
power of planets or stars or even whole galaxies). The META/BETA
radio search in the waterhole region is another added piece of evidence ...

Much more work needs to be done though before we write
supercivilizations off ...

Al

> "Christopher C Parrish" <ccparrish@pdq.net> wrote in message
news:01F90151BB512391.3041B203C3372ACC.3A4BF7F163C8A128@lp.airnews.net...
> What is META?
>
> CCParrish
>
>

2826. Re: Why do two sources for ISS location differ ?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-13 00:00:00 UTC
From: Gary Sanford <sanford1@sprynet.com>
Message-ID: <gfa11t07gu92dciq39ihff6ugj4g46urki@4ax.com>
Source record: 7872

On Mon, 13 Nov 2000 11:43:57 -0000, "Eavesdropper"
<ian@eavesdropper.worldonline.co.uk> wrote:

>I can also reccomend a programme called Atomtime for computer clock keeping
>this syncrinises your PC clock to an atomic clock via the internet.(for
>those who do not know about it.)
>
>
>regards

I use an old freeware version of SocketWatch (1.2) that works
flawlessly to sync time on the PC.

~~~~~~~~~~~~~~~~
Gary Sanford
sanford1@spectradyne.com (pgp public key available)
~~~~~~~~~~~~~~~~

2827. Re: Why do two sources for ISS location differ ?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-13 00:00:00 UTC
From: Gary Sanford <sanford1@sprynet.com>
Message-ID: <m9b11t06b600h3bn8upi0l5du3s0pnct21@4ax.com>
Source record: 7873

On Mon, 13 Nov 2000 22:54:47 GMT, Pervert_Extraordinaire
<valued_customer@att.com> wrote:

><Several suggestions snipped>
>
>Thanks to all who responded to my thread! I understood
>about 80% of the issues. I think I'll subscribe to
>tlelist-subscribe@idb.com.au , download SATSPY, and ATOMTIME.
>
>Perhaps after I get a bit more familiar with the topic
>I can ask (relatively) intelligent questions. This sounds
>like a extremely interesting hobby/activity. Listing to the
>ISS was really neat.
>
>Final query: Any suggestion for web site reources?
>Sat tracking for dummies?
>
>TIA

Try:
http://liftoff.msfc.nasa.gov/RealTime/JTrack/Spacecraft.html

~~~~~~~~~~~~~~~~
Gary Sanford
sanford1@spectradyne.com (pgp public key available)
~~~~~~~~~~~~~~~~

2828. Re: Why do two sources for ISS location differ ?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-13 00:00:00 UTC
From: Gary Sanford <sanford1@sprynet.com>
Message-ID: <amb11t4udgjh19v4ur2hj0aj31f375ukum@4ax.com>
Source record: 7874

On Mon, 13 Nov 2000 22:11:16 -0500, Gary Sanford
<sanford1@sprynet.com> wrote:

>Try:
>http://liftoff.msfc.nasa.gov/RealTime/JTrack/Spacecraft.html
>
>~~~~~~~~~~~~~~~~
>Gary Sanford
>sanford1@spectradyne.com (pgp public key available)

Try this one too :
http://liftoff.msfc.nasa.gov/realtime/jtrack/

KG4DAG

~~~~~~~~~~~~~~~~
Gary Sanford
sanford1@spectradyne.com (pgp public key available)
~~~~~~~~~~~~~~~~

2829. Phase 3D IR Laser

Newsgroup: rec.radio.amateur.space
Date: 2000-11-13 00:00:00 UTC
From: Dale Ireland <direland@drdale.com>
Message-ID: <15857BAE43FCA2C7.F899DF5D7314C198.7244E644CD76E72B@lp.airnews.net>
Source record: 7875

Hello
Would someone direct me to some online info about the Phase 3D IR Laser. All I can find on AMSAT is the frequency and power. I would like more specs and details about how it will be used and viewed.
Dale

2830. Re: Why do two sources for ISS location differ ?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-13 00:00:00 UTC
From: Eavesdropper <ian@eavesdropper.worldonline.co.uk>
Message-ID: <3a0fd3f9@news.server.worldonline.co.uk>
Source record: 7992

Same here Tom, I use Nova and satspy and at a horribly early hour this morning I visibly clocked both a Lacrosse milsat and a cosmos nav sat to the second and with regard to satspy I have it accurate to the nearest star, ie. as it is going past a star on the screen it is in the exact same place in the heavens. It makes life so much easier when you take great care to setup a tracking programme properly and keep keps well up to date and tim ebang on.

I can also reccomend a programme called Atomtime for computer clock keeping this syncrinises your PC clock to an atomic clock via the internet.(for those who do not know about it.)

regards

ian koenig

<TomR@astro.net> wrote in message news:3a0f5da7.576114873@news.idsi.net...
> On Sun, 12 Nov 2000 17:37:41 GMT, Pervert_Extraordinaire
> <valued_customer@att.com> wrote:
>
> >Eavesdropper wrote:
> >> it may well be that they do not update the keplarian elements at the same
> >> time or they are basing their tracking base station time differently. ie.
> >> one GMT and one a different time although usually they all base on GMT. and
> >> don't forget inetrnet lag that may differ from each of them if they are real
> >> time.
> >
> >Thanks Ian, I added ~6 minute offset to mt PC clock and they came
> >closer.
> >Apparently the http://spaceflight.nasa.gov/realdata/tracking/index.html
> >site uses the system clock. I was amazed how much distance is
> >'traveled'
> >in a six minute 'offset'.
> >
> >This leads me to question which is 'right'? Is there some definitive
> >method of tracking the ISS?
>
> I'll also add that you should set your system clock to WWV or a GPS
> unit and keep it accurate that way...if you want the plots/data to be
> on target. My ISS tracking plots match almost to the second to the
> downlinks I hear from the station.

>
> Tom - KB2SMS
>

2831. Re: Why do two sources for ISS location differ ?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-13 00:00:00 UTC
From: Eavesdropper <ian@eavesdropper.worldonline.co.uk>
Message-ID: <3a0fd4a4@news.server.worldonline.co.uk>
Source record: 7993

I can also reccomend Satspt it is an excellent programme if you set it up correctly always bang on time and prediction, I only wish that the Author would include a button to turn the screen to night vision instantly (like skymap etc) after all it seems silly that the purpose of the programme is for seeing satellite at night when your night vision is so important the occasion may get spoiled by the gare of the screen.

Author please take note ;-).

other than that excellent !!

ian k

.
"Hawkeye" <aa1339@yahoo.com> wrote in message
news:3a0f4ea3.550696459@news.gl.centurytel.net...
> I've been using SatSpy for several years and it hasn't failed to show
> the exact position of any Earth orbit object I've tried to track.
> From their website (www.satspy.com) you can download a shareware
> version. The registered version is $40, well worth the investment.
>
> Another critical item is your element sets. The most current I've
> found are at the NASA Orbital Information Group:
> http://oig1.gsfc.nasa.gov/scripts/foxweb.exe/app01?
> The elements change daily, make sure you always have a fresh set.
>
> Lastly, you need an accurate watch, one you can set to the second via
> WWV. Make sure you set the watch and your computer clock accurately
> and frequently.

2832. Re: ISS on 143.625

Newsgroup: rec.radio.amateur.space
Date: 2000-11-13 00:00:00 UTC
From: N1RZ <n1rz@timhavens.com>
Message-ID: <D3SP5.26625$Ag1.467126@e420r-sjo2.usenetserver.com>
Source record: 7994
Cross-posted to: rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.misc,alt.ham-radio.vhf-uhf,alt.radio.scanner

The crew has been granted the entire weekend off. ;-) SO who knows what it might have been. As far as I'm aware they had nothing scheduled with ground control for the whole weekend. I can't remember if they were supposed to have today off too or not...(Monday?)...seems like I heard that...but I don't clearly remember. This was the first long break they've had since arriving on station.

I got this info from watching NasaTV.

Tim (N1RZ)

"Hawkeye" <aa1339@yahoo.com> wrote in message
news:3a0ebf05.513930162@news.gl.centurytel.net...
> On Saturday 11/11 from Northern Ohio, at 1248 GMT I heard an ISS
> crewman say a few words, then there was a few seconds of dead air,
> then instant static- sounded like they shut the transmitter off. As
> they passed over three orbits later, at 1738 GMT, the transmitter was
> still silent. One orbit after that, at 1913 GMT, I heard the signal
> come on, a voice said "Hallo- hallo- hallo-" then some ensuing chatter
> in Russian.
>
> So what was this all about? A sleep period perhaps, or maybe
> transmitter maintenance?
>
> Just for the record, I track satelites using SatSpy 3.03, I get
> element sets from the NASA Orbital Information Group at
> http://oig1.gsfc.nasa.gov/scripts/foxweb.exe/app01?
> and monitored the frequency on an Alinco DJX10 attached to a mobile
> mount 2M antenna.
>

2833. Re: ISS on 143.625

Newsgroup: rec.radio.amateur.space
Date: 2000-11-13 00:00:00 UTC
From: Tim Moore <Tim@TM52.com>
Message-ID: <3A0FFDC5.695B044@TM52.com>
Source record: 7995
Cross-posted to: rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.misc,alt.ham-radio.vhf-uhf,alt.radio.scanner

I have listened to 143.625 for a week now. That freq is a full duplex downlink. The uplink freq is a different freq and I am not sure what it is(should be 144.95). The chatter I hear sounds like a discussion and not just rag chew. I think its a full time downlink comm freq to their controllers. I hope to hear them talking English to the only American onboard sometime but so far only Russian. I assume the Russians are doing the controlling of the ISS at this point. They use the 143.625 alot and they are on it on every pass over the US so far this week.

Hawkeye wrote:

> On Saturday 11/11 from Northern Ohio, at 1248 GMT I heard an ISS
> crewman say a few words, then there was a few seconds of dead air,
> then instant static- sounded like they shut the transmitter off. As
> they passed over three orbits later, at 1738 GMT, the transmitter was
> still silent. One orbit after that, at 1913 GMT, I heard the signal
> come on, a voice said "Hallo- hallo- hallo-" then some ensuing chatter
> in Russian.
>
> So what was this all about? A sleep period perhaps, or maybe
> transmitter maintenance?
>
> Just for the record, I track satelites using SatSpy 3.03, I get
> element sets from the NASA Orbital Information Group at
> http://oig1.gsfc.nasa.gov/scripts/foxweb.exe/app01?
> and monitored the frequency on an Alinco DJX10 attached to a mobile
> mount 2M antenna.

--
Tim Moore
Transmitting to you "Live" from Fredericksburg, VA
tim@tm52.com - K4JAR@arrl.net

2834. Re: Would this reciever be useful for starting amateur SETI?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-13 00:00:00 UTC
From: "Alfred A. Aburto Jr." <aburto@cts.com>
Message-ID: <8uoulpnur1@thoth.cts.com>
Source record: 7996
Cross-posted to: sci.astro.seti,alt.sci.seti,rec.radio.amateur.space

Yes, it seems true ...

I don't want to be discouraged though. Not yet.
It is too soon. I want to die an old man still thinking
there is alot more out there than we can see right
now ...

I'm positive there is ...

> "T. Joseph W. Lazio" <jlazio@patriot.net> wrote in message
news:m2u29d82yn.fsf@patriot.net...
> >>>>> "AAA" == Alfred A Aburto <aburto@cts.com> writes:
>
> AAA> All I'm saying is that it doesn't seem all that odd that META
> AAA> didn't find anything in 5 years. It is not wasted effort! We need
> AAA> to keep looking and improve the search ... no one says the
> AAA> "signals" have to repeat! We just need to accumulate more data
> AAA> and statistics just like seti@home is doing now ...
>
> Oh, we agree essentially completely. META, and SETI in general, are
> not wasted efforts. However, we cannot ignore the results of META.
> If there are supercivs in the Milky Way, they are not falling all over
> themselves to make themselves known to less civilizations like us.
>
> --
> Lt. Lazio, HTML police | e-mail: jlazio@patriot.net
> No means no, stop rape. | http://patriot.net/%7Ejlazio/
> sci.astro FAQ at http://sciastro.astronomy.net/sci.astro.html

2835. Thanks to everyone who worked on P3D

Newsgroup: rec.radio.amateur.space
Date: 2000-11-13 00:00:00 UTC
From: Cathryn Mataga <cathryn@junglevision.com>
Message-ID: <3A100BB0.BB9508BC@junglevision.com>
Source record: 7997

Man, this is intense. It's really happening. Wow.
This is one of the the greatest projects for ham radio ever.
Imo.

Anyway, I just feel the need to say thank you now,
before the launch. Just so that maybe a few people will
know that they are appreciated however this goes.
(Hopefully well -- knock on wood.)

2836. AMSAT Phase 3D pre-launch element set.

Newsgroup: rec.radio.amateur.space
Date: 2000-11-13 00:00:00 UTC
From: vlfiscus@mcn.net
Message-ID: <t103larb71jq9d@news.supernews.com>
Source record: 7998
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

From: "Kenneth J. Ernandes" <n2wwd@mindspring.com>
Subject: [amsat-bb] Updated Phase 3D Orbital Data Estimates
Date: Sun, 12 Nov 2000 19:52:01 -0500

Below is the estimated State Vector and Keplerian Elements for
the AMSAT Phase 3D spacecraft. The vector data was computed from
Arianespace orbital parameters at the time Phase 3D is scheduled
to separate from the Ariane 5 upper stage. The Keplerian Elements
were computed, in turn, from the vector.

Vector format = 10107
Satellite Name: Phase 3D
Catalog Number: 93400
Epoch MET: 0.02983771991
0/00:42:57.979 MET
EFG E: 4321.19714449 km
F: 10857.07279003 km
G: -1323.50573459 km
Edot: -3.1484853319 km/s
Fdot: 5.7556066452 km/s
Gdot: -0.5488001613 km/s
ndot/2 (drag): 0.00000000771 rev/day^2
nddt/6: 0.00000E+00 rev/day^3
Bstar: 1.25668E-05 1/Earth Radii
Elset #: 1
Rev @ Epoch: 1.52588079822

Launch Window Opens: 2000-NOV-15 / 0107 UTC
Phase 3D separation: Launch + 0042:57.979

The following Keplerian elements were computed from this vector and
the scheduled date and time of the launch window opening. Updated
Keplerian elements will be computed from the vector, based on changes
to the scheduled or actual launch time.

Phase 3D
1 93400U 00320.07636550 .00000001 00000-0 12567-4 0 13
2 93400 6.5034 246.6469 7357988 175.9296 13.3886 2.02435417 17

Satellite: Phase 3D
Catalog number: 93400
Epoch time: 00320.07636550
Element set: 1
Inclination: 6.5034 deg
RA of node: 246.6469 deg

Eccentricity: 0.7357988
Arg of perigee: 175.9296 deg
Mean anomaly: 13.3886 deg
Mean motion: 2.02435417 rev/day
Decay rate: 7.71000e-09 rev/day^2
Epoch rev: 1
Checksum: 283

Note that "93400" is a temporary Catalog Number. A Permanent Catalog Number and International Designator will be assigned when Phase 3D is launched. The satellite name will also be updated with the next sequential "OSCAR" designator.

These Keplerian elements represent a pre-launch estimate of Phase 3D's initial orbit. The orbit will change significantly over the first year the spacecraft is on orbit. Updates will be provided for significant orbital changes.

The Phase 3D launch team will be publishing a similar set of Keplerian elements. The data provided by the launch team will be "osculating" parameters, compatible with AMSAT command station software. The osculating elements are the exact physical representation of the orbit as opposed to the "mean" parameters provided in this bulletin. I provide these mean elements as they are fully compatible with the NORAD SGP4/SDP4 orbit propagation algorithms. Tracking software that uses the NORAD propagators should use the "mean" Keplerian elements provided herein for the most accurate result. Tracking software using non-NORAD orbit propagation methods should use the "osculating" elements provided by the Phase 3D launch team.

Ken Ernandes, N2WWD
n2wwd@amsat.org

2837. Re: Finding passes 7-10 days in advance

Newsgroup: rec.radio.amateur.space
Date: 2000-11-13 01:13:58 UTC
From: Eavesdropper <ian@eavesdropper.worldonline.co.uk>
Message-ID: <3a0f4059@news.server.worldonline.co.uk>
Source record: 7987

if you know the appx latitude and longiture for where you are going then
look no further than this excellent website...

http://www.heavens-above.com/

enter your lat and lone and away you go, it's accuracy is very good and
almost identical to a perfectly setup copy of satspy.

have fun

ian

"SBCmusic" <sbcmusic@aol.com> wrote in message
news:20001112183937.12082.00001128@ng-bg1.aol.com...
> Hi all, I'm getting ready to take a vacation to the Great Smoky Mountains,
and
> am needing ot find pass times for spacecraft 7-10 days in advance......is
there
> a web site or other way I can do that? I won't have a computer with me,
so
> can't check daily.
>
> Thanks for any info,
> Rick N9GSU

2838. Re: Why do two sources for ISS location differ ?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-13 02:24:34 UTC
From: aa1339@yahoo.com
Message-ID: <3a0f4ea3.550696459@news.gl.centurytel.net>
Source record: 7988

I've been using SatSpy for several years and it hasn't failed to show
the exact position of any Earth orbit object I've tried to track.
From their website (www.satspy.com) you can download a shareware
version. The registered version is $40, well worth the investment.

Another critical item is your element sets. The most current I've
found are at the NASA Orbital Information Group:
http://oig1.gsfc.nasa.gov/scripts/foxweb.exe/app01?
The elements change daily, make sure you always have a fresh set.

Lastly, you need an accurate watch, one you can set to the second via
WWV. Make sure you set the watch and your computer clock accurately
and frequently.

2839. Re: Why do two sources for ISS location differ ?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-13 02:30:27 UTC
From: aa1339@yahoo.com
Message-ID: <3a0f5166.551403055@news.gl.centurytel.net>
Source record: 7989

Addendum to my last posting:

Another item you need to know- your exact latitude and longitude to the second. If you can't get it from a map, use a GPS.

With the right data- element set, time, and location, just about any object you want to track will show up at the exact second you expect it to.

2840. Re: Why do two sources for ISS location differ ?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-13 03:18:25 UTC
From: TomR@astro.net
Message-ID: <3a0f5d2e.575993389@news.idsi.net>
Source record: 7990

On Sun, 12 Nov 2000 17:37:41 GMT, Pervert_Extraordinaire
<valued_customer@att.com> wrote:

>Eavesdropper wrote:
>> it may well be that they do not update the keplarian elements at the same
>> time or they are basing their tracking base station time differently. ie.
>> one GMT and one a different time although usually they all base on GMT. and
>> don't forget inetrnet lag that may differ from each of them if they are real
>> time.
>
>Thanks Ian, I added ~6 minute offset to mt PC clock and they came
>closer.
>Apparently the http://spaceflight.nasa.gov/realdata/tracking/index.html
>site uses the system clock. I was amazed how much distance is
>'traveled'
>in a six minute 'offset'.
>
>This leads me to question which is 'right'? Is there some definitive
>method of tracking the ISS?

E-mail list for Mir, HST and ISS orbital elements: There is a fairly
new e-mail list to get the LATEST orbital data for MIR, HST and the
ISS! Here's how to join: send an EMPTY e-mail message (nothing typed
in the subject line or message body) to: tlelist-subscribe@idb.com.au
You will get a message back, simply reply to it following it's
instructions, and you'll be all set and sent another confirmation/info
message.

I get new elements (all 3 in one e-mail) just about every single
day. Excellent service!

73,

Tom - KB2SMS

2841. Re: Why do two sources for ISS location differ ?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-13 03:21:14 UTC
From: TomR@astro.net
Message-ID: <3a0f5da7.576114873@news.idsi.net>
Source record: 7991

On Sun, 12 Nov 2000 17:37:41 GMT, Pervert_Extraordinaire
<valued_customer@att.com> wrote:

>Eavesdropper wrote:
>> it may well be that they do not update the keplarian elements at the same
>> time or they are basing their tracking base station time differently. ie.
>> one GMT and one a different time although usually they all base on GMT. and
>> don't forget inetrnet lag that may differ from each of them if they are real
>> time.
>
>Thanks Ian, I added ~6 minute offset to mt PC clock and they came
>closer.
>Apparently the http://spaceflight.nasa.gov/realdata/tracking/index.html
>site uses the system clock. I was amazed how much distance is
>'traveled'
>in a six minute 'offset'.
>
>This leads me to question which is 'right'? Is there some definitive
>method of tracking the ISS?

I'll also add that you should set your system clock to WWV or a GPS
unit and keep it accurate that way...if you want the plots/data to be
on target. My ISS tracking plots match almost to the second to the
downlinks I hear from the station.

Tom - KB2SMS

2842. Re: Would this reciever be useful for starting amateur SETI?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-13 15:55:30 UTC
From: Kate Martin <ktee@_REMOVEME_chariot.net.au>
Message-ID: <3A100EF2.9424FB51@_REMOVEME_chariot.net.au>
Source record: 7876
Cross-posted to: sci.astro.seti,alt.sci.seti,rec.radio.amateur.space

When you go to the zoo...

Do you try to "contact" the lizards?

Kate
:)

"Alfred A. Aburto Jr." wrote:
>
> Yes, it seems true ...
>
> I don't want to be discouraged though. Not yet.
> It is too soon. I want to die an old man still thinking
> there is alot more out there than we can see right
> now ...
>
> I'm positive there is ...
>
> > "T. Joseph W. Lazio" <jlazio@patriot.net> wrote in message
> news:m2u29d82yn.fsf@patriot.net...
> > >>>>> "AAA" == Alfred A Aburto <aburto@cts.com> writes:
> > >
> > > AAA> All I'm saying is that it doesn't seem all that odd that META
> > > AAA> didn't find anything in 5 years. It is not wasted effort! We need
> > > AAA> to keep looking and improve the search ... no one says the
> > > AAA> "signals" have to repeat! We just need to accumulate more data
> > > AAA> and statistics just like seti@home is doing now ...
> > >
> > Oh, we agree essentially completely. META, and SETI in general, are
> > not wasted efforts. However, we cannot ignore the results of META.
> > If there are supercivs in the Milky Way, they are not falling all over
> > themselves to make themselves known to less civilizations like us.
> > >
> > --
> > Lt. Lazio, HTML police | e-mail: jlazio@patriot.net
> > No means no, stop rape. | http://patriot.net/%7Ejlazio/
> > sci.astro FAQ at http://sciastro.astronomy.net/sci.astro.html

2843. Amsat Phase 3D launch delayed 24 Hours. to 11/16/00 0107UTC

Newsgroup: rec.radio.amateur.space
Date: 2000-11-14 00:00:00 UTC
From: vlfiscus@mcn.net
Message-ID: <t13j2hcpinrm31@news.supernews.com>
Source record: 7799
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Arianespace Flight 135 is Delayed 24 Hours
11/14/00
The launch of Arianespace Flight 135 has been postponed for one day following an
anomaly in the ground-based infrastructure at the Spaceport in French Guiana. This
anomaly, which affected the telemetry link with the PAS-1R satellite, occurred during the
final countdown on Nov. 14.

As a result, Flight 135 has been delayed for 24 hours. The launch window is as follows:

Kourou time: From 10:07 p.m. to 11:03 on November 15
GMT: From 1:07 a.m. to 2:03 a.m. on November 16
Paris time: From 2:07 a.m. to 3:03 a.m. on November 16
Washington, D.C. time: From 8:07 p.m. to 9:03 p.m. on November 15

2844. Space Station Alpha begins testing 2-meter Amateur Radio Station

Newsgroup: rec.radio.amateur.space
Date: 2000-11-14 00:00:00 UTC
From: N1RZ <n1rz@timhavens.com>
Message-ID: <29lQ5.1950$3u4.21501@e420r-sjo2.usenetserver.com>
Source record: 7800

Space Station Alpha begins testing 2-meter Amateur Radio Station

November 14, 2000

By Miles Mann WF1F,
MAREX-NA (Manned Amateur Radio Experiment, North American Division)

Space Station Alpha on 2-meters:
Yesterday the International space Station Alpha began testing the crew's new Amateur Radio station on the 2-meter band. The Amateur Radio station is used by the ISS crews during their fee time to provide the crews with an extra way to entertain them selves and to talk to school children during pre-arranged school schedules. The Russians have been using Amateur radio on Mir since 1988 and have found it to be very beneficial for crews on long duration missions. The Mir Amateur radio was even used as a emergency comminations link on many occasions, and I have even heard rumors the amateur radio link on the NASA Shuttle was used to inform the Shuttle crew of an antenna switch problem which disconnected the Shuttle from the normal voice channels.

The testing of the Amateur radio station initially took place while ISS was over Russia during two prearranged test orbits.
1 pass 6:17-6:25 UTC (9:17-9:25 MSK)
2 pass 8:53-9:03 UTC

The Amateur Radio station on ISS consists of a commercial grade hand held radio called a HT. The radio operates in the ITU satellite portion of the amateur radio 2-meter band 144.000 - 146.000. The exact frequencies used during the test are of course a closely guarded secret, however when testing is completed the radio will be placed on one of the published public channels. The ISS Amateur Radio station is not currently open to the public at this time.

Russian view of the test:
The club station R3K at RSA Energia in Korolev Russia (near Moscow) was equipped with two different 2-meter radio stations to simulate typical amateur radio home stations. One station is what we call an Oscar class station and the other a typical home station.

Station #1:
Transceiver, Oscar Class 180 watts RF FM. Antenna 20 element Circular polarized, gain approximately 9+ dBd, Approximate ERP 1440 watts

Station #2:
Transceiver, Mobile Class 50 watts RF FM. Antenna, Vertical collinear 7 meters in length, gain aprox 6 dBd, Approximate ERP 200 watts.

The first pass test used the big station #1. This orbit was a low orbit pass, only getting 28 degrees above the horizon, and its closest approach to the station was just over 700 kilometers. Cosmonaut Musa U2MIR was to be the first person in the club station to make the contact, however Musa was a little late for the schedule. So the task fell upon Sergej Samburov RV3DR to make the first contact with ISS via Amateur Radio. (Sergej Samburov is also the manager of the club station at RSA and the club station on ISS.) The initial contact took place on schedule and the microphone was quickly passed around the room to the other present, including Vladimior Zagainov, UA3DKR and Eugene Labutin, RA3APR. The audio and signal quality were excellent, we use the term DFQ, Darn Full Quieting. The contact lasted 10 minutes as the space station traveled from horizon to horizon. A strong signal was maintained during the whole 2-way conversation.

The second test orbit used the lower power station with a smaller antenna. This orbit was also a low orbit pass, only getting 28 degrees above the horizon, and its closest approach to the station was just over 700 kilometers. On occasions you may get an orbit directly over your house and the station will be only 400 kilometers away.
The signal quality was noticeably lower and there was considerable noise on the signal during the beginnings and end of the 10 communications pass. The difference in signal strength was primarily because of the lower gain antenna on the club station. The bigger the antenna, the more signal you can pull in. The ISS crew and club station member enjoyed another 10 minute conversation and declared the initial voice testing of the Amateur Radio station a success. Cosmonaut Mikhail Turn was present during the testing. It will be Mikhail job to install the new Amateur Radio antenna on ISS during his expedition 3 ISS mission in 2001.

After the test Sambrov and I discuss the signal quality and compared it to the Russian Space station Mir. The Mir station had a slightly better antenna and it had the ability to select different transmitter power levels with the Kenwood TM-733 settings of 5,10 and 50 watts output. To help conserve power, the Mir station was usually kept on the 5 watt setting. The signal quality results of this ISS test were similar to signal quality reports from Mir, when Mir was using the 5-watt setting. The ISS transceiver has an estimated ERP transmitter value of 1.5 watts. These results are still preliminary. However, it looks like stations with a zero gain antenna will be able to hear ISS and will be able to establish 2-way connections on good close orbit passes. Sergej then said, there are plans to upgrade the antenna system on ISS during expedition #3 mission, with an antenna system specifically designed for the amateur radio bands. There are also tentative plans to upgrade the transceiver on ISS to a 50-watt class transceiver (pending many approvals).

For more information on this mission please check the NASA web pages.
http://spaceflight.nasa.gov/index-n.html

ISS ALPHA visibility:
The NASA web page has a program, which will calculate the potential for being able to visually see the ISS ALPHA as it passes over your city. They have a listings for many different cities and countries.
http://spaceflight.nasa.gov/realdata/sightings/

International Space Station Alpha Amateur Radio Call signs:
The ISS ALPHA is keeping the international flair by hosting several amateur radio call signs from around the world, and the list keeps growing. So far the ISS ALPHA has 4 calls signs from three different countries, Russia, USA and Germany. Also each of the crewmembers of expedition 1 has their own personal Amateur Radio call sign. One NASA engineer sent a message to the ISS crew saying, "You guys can use what ever [Amateur Radio] call sign you want".

William Shepherd, Expedition commander, KD5GSL
Yuri Gidzenko, Soyuz commander (pending)
Sergei Krikalev, flight engineer, U5MIR
Russian Module call sign: RZ3DZR
Other club call signs ISS used: RS0ISS, NA1SS and DL0ISS ALPHA

Suggested receiving station:
Casual listening for ISS ALPHA and Mir
2-meter vertical or scanner antenna (0 dBd or better)
Police scanner or amateur radio with the ability to receive in the 144 - 146 mc or MHz range, FM mode. Antenna cable should be a low loss RG-8 style cable less than 100 feet long (RG-213 best choice). You will not need to mount the antenna very high, just try to get above the roof ridgeline. And of course you will need to find / buy a satellite tracking program. I recommend the InstantTrack 1.5. It's a simple easy to use program, which can be purchased from Amsat.
http://www.amsat.org/amsat/instanttrack/

ISS ALPHA frequencies:
The Amateur Radio frequencies for ISS ALPHA have been posted.
Worldwide downlink for voice and packet: 145.800
Worldwide packet uplink: 145.990
Region 1 voice uplink: 145.200
Region 2 & 3 voice uplink: 144.490

You will need to dig out the manual for your radio and program in the following frequency combinations. Note that some of the older FM mobile and Walkie-talkie HT style radios over 15 years old may have some difficulty in saving these combinations into memory. The channels listed below will help you compensate for the speed of the space station, called Doppler. If the smallest channel step your radio supports is 5k, then only program in channels 2, 5 and 8. If your radio supports the smaller 2.5k channel step, then program in all channels listed. After you have determined your smallest channel step supported by your radio, then program in the channels. You can either use the procedures for storing ODD-Splits or you can reprogram your repeater off set for each of the channels and then save the new combination in a new memory location. This channel procedure has been successfully used on

the Mir Amateur Radio program for years and is the choice of usage for school schedules (you do not want to fiddle with VFO's during a 10-minute pass). I also recommend you program in all channels, no mater what part of the world you live in. The World Map ISS ALPHA location display used by the ISS ALPHA crew is not located next to the Amateur Radio station.

Voice operations Region 2 & 3 (North and South America and Pacific)
Chan Receive Transmit Offset (Meg)
1 145.802.5 144.487.5 -1.315
2 145.800.0 144.490.0 -1.310
3 145.798.5 144.492.5 -1.306

Packet operations Regions 1, 2 & 3 (Europe, North and South America and Pacific)
Chan Receive Transmit Offset (Meg)
4 145.802.5 145.987.5 +0.185
5 145.800.0 145.990.0 +0.190
6 145.798.5 145.992.5 +0.194

Voice operations Region 1 (Europe)
Chan Receive Transmit Offset (Meg)
7 145.802.5 145.197.5 -0.605
8 145.800.0 145.200.0 -0.600
9 145.798.5 145.202.5 -0.596

Usage Example:
Lets assume ISS ALPHA is approaching for a good 10 minute over head pass, running Packet. When ISS ALPHA comes over the horizon the Doppler frequency error will initially be 3.5k plus 145.990 = 145.993.5. This means the frequency ISS ALPHA will appear to be transmitting on is 145.993.5. Set your radio to channel #4 for the first 3 minutes of the pass. Then for the next 3 minutes use channel #5 and for the last three minutes use channel #6. Follow the same procedure for Voice operations. Since we are using the Mode FM, we do not have to have our Transmit and receive frequency exactly on frequency. We can be off frequency 1-2khz and still get reliable Voice and Data. The MAREX-NA team has been using this procedure for 10 years with excellent results.

QSL card:
A QSL card is a post card, which you can request to confirm you made a two-way or heard the crew on the Amateur Radio band. The QSL procedure for ISS ALPHA is under development, please check the AIRSS web pages for the latest updates and QSL procedures for ISS ALPHA.
http://arISS Alpha.gsfc.nasa.gov/

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Images received from the MAREX-NA SSTV system on the Russian Space

Station Mir are considered public domain and may be freely distributed,
without prior permission.

DOSVIDANIYA Miles WF1F

Via the sarex mailing list at AMSAT.ORG courtesy of AMSAT-NA.
Via N1RZ to the rec.radio.amateur.space news group.

2845. A little more info on the delay of Flight 135 (P3D)

Newsgroup: rec.radio.amateur.space
Date: 2000-11-14 00:00:00 UTC
From: N1RZ <n1rz@timhavens.com>
Message-ID: <DmlQ5.2180$3u4.19184@e420r-sjo2.usenetserver.com>
Source record: 7801

http://www.arianespace.com/news_missionupdate.html

November 14 Special Report: Ground infrastructure anomaly results in
24-hour delay

Also see the press release for additional information.

An anomaly in the ground-based telemetry system at the Spaceport has
pushed back Arianespace's launch of Flight 135 by one day.

The anomaly was in the telemetry link between the ground control
network and PanAmSat's PAS-1R satellite, which is installed atop the Ariane
5.

Jean-Charles Vincent, the head of Arianespace's Kourou facility, said
the problem was pinpointed in the umbilical mast on the Ariane 5 mobile
launch table.

"We detected the anomaly this afternoon, and decided on the one day
postponement to provide sufficient time to resolve it," he said. "The
decision occurred before we began fuelling the cryogenic main stage with
liquid hydrogen and liquid oxygen propellant."

Vincent said both the launcher and its multi-satellite payload are in
a safe mode, enabling the countdown to begin again tomorrow. The launch
window remains the same as today: from opening at 10:07 p.m. to 11:03 p.m.
Kourou time.

Flight 135 will be the fourth commercial mission for the heavy-lift
Ariane 5, and the 10th Arianespace flight of this year. It marks the first
use of the no. 2 mobile launch table for Ariane 5, as well as the initial
flight with the ASAP 5 platform for auxiliary satellites.

PanAmSat's PAS-1R is the mission's primary payload. It is accompanied
by three auxiliary spacecraft: the British STRV-1c and 1d satellites, and
AMSAT P3-D.

2846. Re: ISS on 143.625

Newsgroup: rec.radio.amateur.space
Date: 2000-11-14 00:00:00 UTC
From: ik7565@erols.com
Message-ID: <3A120118.44BA8706@erols.com>
Source record: 7802
Cross-posted to: rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.misc,alt.ham-radio.vhf-uhf

If you have a Palm Pilot try
http://www.emmgraphics.com/pilot/pocketsatinfo.html

Pulse Laser God wrote:
>
> Where would I be able to download a tracker program for the ISS.
>
> I do not need a tracker that controls the antennas just a real simple
> tracking program that will tell me when the ISS is coming into range and for
> how long it will be in range. That kind of thing.
>
> As well I know that you can listen to ISS, I think it is listen only, on
> 143.625, but are there any other frequencies that are available for
> communication with them??
>
> Thanx. I am kind of new to the satellite communication thing so I do need a
> little help sometimes!

2847. Re: What did I hear on 145.850?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-14 00:00:00 UTC
From: Bookvous <bookvous@optushome.com.au>
Message-ID: <qF8Q5.5556$KY1.14544@news1.rivrw1.nsw.optushome.com.au>
Source record: 7885

Aliens on Mir?
"N1RZ" <n1rz@timhavens.com> wrote in message
news:3m0Q5.4673$r63.72337@e420r-sjo2.usenetserver.com...
> No one is on MIR right now I doubt it's coming from that.....
>
> > Isnt this the MIR frequency as well? Possible you heard something coming
> from
> > there......
> >
> > Mark
> > KE4QKN
> >
>
>
>
>

2848. Re: P3D Launch Broadcast

Newsgroup: rec.radio.amateur.space
Date: 2000-11-14 00:00:00 UTC
From: Paul Northover <Paul.Northover.GP@icn.siemens.de>
Message-ID: <3A112E8B.FB0A69B0@icn.siemens.de>
Source record: 7886

For those of us in Europe Bayern3 are featuring the launch live in their regular "SpaceNight" slot starting at 00:35 UTC. This is available in both analogue and digitial from the Astra satellite family at 19.2 E as well as being available terrestrially in Bavaria and on Germany cable TV.

2849. Re: ISS on 143.625

Newsgroup: rec.radio.amateur.space
Date: 2000-11-14 00:00:00 UTC
From: TomR@astro.net
Message-ID: <3a1137ac.697482419@news.idsi.net>
Source record: 7887
Cross-posted to: rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.misc,alt.ham-radio.vhf-uhf,alt.radio.scanner

On Mon, 13 Nov 2000 18:42:16 GMT, Reed Park <reedpark@nbnet.nb.ca>
wrote:

>143.625 is the Beacon frequency.

No, it is a ground control frequency, you will only hear VOICE on it.

>Uplink is 144.900 with downlink of 145.800

Don't know what the 144.900 is supposed to be, never heard of it but
the 145.800 is an AMATUER RADIO downlink.

>7 3
>Reed

73,
Tom - KB2SMS

2850. Re: What did I hear on 145.850?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-14 00:00:00 UTC
From: TomR@astro.net
Message-ID: <3a113880.697693583@news.idsi.net>
Source record: 7888

On Mon, 13 Nov 2000 20:03:21 -0500, "N1RZ" <n1rz@timhavens.com> wrote:

>No one is on MIR right now I doubt it's coming from that.....
>
>> Isnt this the MIR frequency as well? Possible you heard something coming
>from
>> there......
>>
>> Mark
>> KE4QKN

They were supposed to be setting up the ham gear, he may have heard
some testing...

73,
Tom - KB2SMS

2851. Re: ISS on 143.625

Newsgroup: rec.radio.amateur.space
Date: 2000-11-14 00:00:00 UTC
From: N1RZ <n1rz@timhavens.com>
Message-ID: <uLaQ5.10001$Ds3.109868@e420r-sjo3.usenetserver.com>
Source record: 7889
Cross-posted to: rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.misc,alt.ham-radio.vhf-uhf,alt.radio.scanner

"Reed Park" <reedpark@nbnet.nb.ca> wrote in message
news:3A10A442.8571ACB5@nbnet.nb.ca...
> There you go. Seems I am wrong once again in this lifetime. Darn.
> I wanted to go through life never wrong. :-)
>
> Thanks for the info.

Reed,

There are a lot of folks who are casually interested in things like
this....they would take your word for things...and go off in left
field....it's not called helping when you mis-direct someone. That was my
point.

Tim

2852. Re: Would this reciever be useful for starting amateur SETI?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-14 00:00:00 UTC
From: N1RZ <n1rz@timhavens.com>
Message-ID: <yqbQ5.10340$Ds3.112390@e420r-sjo3.usenetserver.com>
Source record: 7890
Cross-posted to: sci.astro.seti,alt.sci.seti,rec.radio.amateur.space

"Kate Martin" <ktee@_REMOVEME_chariot.net.au> wrote in message
news:3A10D442.4FF7F4E4@_REMOVEME_chariot.net.au...
>
> It may sound frivolous at first, but my question raises an important
> issue.

We tend to think we're advanced, as humans. Yet we attempt to communicate with dogs, cats, monkeys, apes, dolphins, and god knows what....

If we found an amoeba on mars you can bet someone would want to try to communicate with it!

2853. Re: Would this reciever be useful for starting amateur SETI?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-14 00:00:00 UTC
From: "D.A.Kopf" <dak@dakx.com>
Message-ID: <3A114845.ED5A5CA1@dakx.com>
Source record: 7891
Cross-posted to: sci.astro.seti,alt.sci.seti,rec.radio.amateur.space

Kate Martin wrote:
>
> Would an advanced race of beings _bother_ to put any effort into
> communicating with what they would perceive as a "lower form of life"?
>
<snip>

Hmm. Wonder if anyone on Earth is hopefully transmitting an undersea beacon to be recognized by intelligent fish? Or into cattle feedlots to detect any sparks of bovine intelligence before they're extinguished? Although I'm not sure we humans would qualify as advanced beings, or even that we have much likelihood of predicting how such beings would behave, it might well involve some sort of "wu wei" or benign neglect of other lifeforms.

2854. Re: Would this reciever be useful for starting amateur SETI?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-14 00:00:00 UTC
From: "Alfred A. Aburto Jr." <aburto@cts.com>
Message-ID: <8urlh6$3c6$1@thoth.cts.com>
Source record: 7892
Cross-posted to: sci.astro.seti,alt.sci.seti,rec.radio.amateur.space

Kate,

> "Kate Martin" <ktee@_REMOVEME_chariot.net.au> wrote in message
news:3A10D442.4FF7F4E4@_REMOVEME_chariot.net.au...
>
> It may sound frivolous at first, but my question raises an important
> issue.

It is not frivolous at all! It is an important issue. I raised it earliar
too --- Imagine trying to get funding from Congress to communicate
with an ant! ...

>
> Would an advanced race of beings _bother_ to put any effort into
> communicating with what they would perceive as a "lower form of life"?

They may or may not. It depends. I'm sure, if they are out there
(supercivilizations), then they know about us via optical interferometry or
something very advanced like gravitational lensing, or something we can't
even imagine now. Soon even ourselves with NASA's terrestrial planet finder
missions we will start learning alot of details about the local stars with
planets
(looking for maybe even finding Earth like planets).

I think that there might be some point where a supercivilization might start
to
get "interested" in a lower civilization. I'm thinking I may not try to
communicate
with an ant or lizard, but maybe I'd start to get interested in a dog, or a
dolphin,
or whale, elephant, monkey, ...

>
> Hopefully, their advancement hasn't moved their technology beyond out
> current SETI theories. (radio, optical etc.) If, on the other hand,
> "supercivilizations" no longer have a need for radio and optical means
> of communication, (Perhaps the "radio age" is comparatively short
> during the evolution of a species.) there is a real possibility that
> they would not bother to resurrect it just to talk to the "lizards".

Good questions.

What I worry about though is that there does not appear (appear) to be
any evidence, any sign, of extreme energy usage out there. No massive
or extreme technology. We'd notice it! Electromagnetic energy (the whole
spectrum from ELF to gamma rays) is how we know the universe. There

is nothing else really as fundamental as electromagnetic energy. We would not know the universe at all without it ...

Poul Anderson in an editorial on the SETI League web site talks about advanced civilizations becoming more stealth like in energy usage. This is sort of true for us now with spread spectrum, ..., etc. I don't believe it though.
A some point I'm sure we will occupy the entire Solar System which has vast resources capable of lasting (hopefully! :-( ) us millions or billions of
years. We would need to communicate across the entire Solar System. We'll need to use big energy (power) when we get to this stage of our development. I don't see how we can avoid it! There'd be big interplanetary comms and radars on all the planets probably. The interplanetary space ships would also
need to use radar and communications too across the solar sytem and into the Kuiper belt and beyond. I think it would need to be radio or microwave as it passes through us and is not noticeable (lasers might hurt or get blacked).
We'd be noticed! The bigger we grow the easier it will be to notice us by someone else far away. So we look out there now ourselves and we notice nothing unusual! Not yet anyway. Very curious! It seems like there really might be no one else out there. Myself? I want to keep looking. I'm suspicious
that they are really out there and we're missing something big .... I don't want
to leave any stones unturned ...

Al

PS: I'm late for work!

>
> Hopefully not, but I can't help wondering...
>
>
> Kate
>
>
>
> "Alfred A. Aburto Jr." wrote:
> >
> > Naw :)
> >
> > > "Kate Martin" <ktee@_REMOVEME_chariot.net.au> wrote in message
> > news:3A100EF2.9424FB51@_REMOVEME_chariot.net.au...
> > >
> > > When you go to the zoo...
> > >
> > > Do you try to "contact" the lizards?
> > >

> > > Kate
> > > :)
> > >
> > >
> > > "Alfred A. Aburto Jr." wrote:
> > > >
> > > > Yes, it seems true ...
> > > >
> > > > I don't want to be discouraged though. Not yet.
> > > > It is too soon. I want to die an old man still thinking
> > > > there is alot more out there than we can see right
> > > > now ...
> > > >
> > > > I'm positive there is ...
> > > >
> > > > > "T. Joseph W. Lazio" <jlazio@patriot.net> wrote in message
> > > > news:m2u29d82yn.fsf@patriot.net...
> > > > > >>>>> "AAA" == Alfred A Aburto <aburto@cts.com> writes:
> > > > > >
> > > > > AAA> All I'm saying is that it doesn't seem all that odd that META
> > > > > AAA> didn't find anything in 5 years. It is not wasted effort! We
need
> > > > > AAA> to keep looking and improve the search ... no one says the
> > > > > AAA> "signals" have to repeat! We just need to accumulate more
data
> > > > > AAA> and statistics just like seti@home is doing now ...
> > > > >
> > > > > Oh, we agree essentially completely. META, and SETI in general,
are
> > > > > not wasted efforts. However, we cannot ignore the results of
META.
> > > > > If there are supercivs in the Milky Way, they are not falling all
over
> > > > > themselves to make themselves known to less civilizations like us.
> > > > >
> > > > > --
> > > > > Lt. Lazio, HTML police | e-mail: jlazio@patriot.net
> > > > > No means no, stop rape. | http://patriot.net/%7Ejlazio/
> > > > > sci.astro FAQ at http://sciastro.astronomy.net/sci.astro.html

2855. Re: P3D Launch Broadcast

Newsgroup: rec.radio.amateur.space
Date: 2000-11-14 00:00:00 UTC
From: Eavesdropper <ian@eavesdropper.worldonline.co.uk>
Message-ID: <3a115ff8@news.server.worldonline.co.uk>
Source record: 7893

and it is live on the internet at:
http://www.arianespace.com/news_livevideo.html

and apparently the launch./transmission times are as follows...

Launch Window - Flight 135

Between
10:07 p.m. KOUROU
and
11:03 p.m.
on
November 14

Between
01:07 a.m . GMT
and
02:03 a.m.
on
November 15

Between
02:07 a.m. PARIS
and
03:03 a.m.
on
November 15

Between
8:07 p.m. WASHINGTON D.C.
and
9:03 p.m.
on
November 14

regards

ian k.

"Paul Northover" <Paul.Northover.GP@icn.siemens.de> wrote in message
news:3A112E8B.FB0A69B0@icn.siemens.de...
> For those of us in Europe Bayern3 are featuring the launch live in their
regular
> "SpaceNight" slot starting at 00:35 UTC. This is available in both
analogue and
> digitial from the Astra satellite family at 19.2 E as well as being
available

> terrestrially in Bavaria and on Germany cable TV.
>
>

2856. Source SAT TRACK for VB5-VB6

Newsgroup: rec.radio.amateur.space
Date: 2000-11-14 00:00:00 UTC
From: Franko <hb9oab>
Message-ID: <8uru6s$5bk$1@bw107zhb.bluewin.ch>
Source record: 7894

Wanted info and source code exemple for any sattracking on VisualB6 or VB5.

I ave on QBASIC or BASCI from original RUH source but, to many modifciation on the orbita kepler calculations forms with possible error...

Any ideo for to find a source code for traker on VB6?

Tnx for possible reply!

Tnx in advance also for all reply with the RUH first surce basic code... to many modifications on Function!!!

tnx for all possible reply!
hb9oab@amsat.org

2857. Re: What did I hear on 145.850?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-14 00:00:00 UTC
From: Glenn Butzlaff <gbutzlaff@voyager.net>
Message-ID: <3a11bbca$0$30013$6d6c75b@news.execpc.com>
Source record: 7895

TomR@astro.net wrote:

> On Mon, 13 Nov 2000 20:03:21 -0500, "N1RZ" <n1rz@timhavens.com> wrote:
>
> >No one is on MIR right now I doubt it's coming from that.....
> >
> >> Isnt this the MIR frequency as well? Possible you heard something coming
> >from
> >> there......
> >>
> >> Mark
> >> KE4QKN
>
> They were supposed to be setting up the ham gear, he may have heard
> some testing...
>
> 73,
> Tom - KB2SMS

They were definitely QSO's. The ops were passing grid squares. I haven't heard anything since.

Glenn, WE9K

2858. Re: ISS on 143.625

Newsgroup: rec.radio.amateur.space
Date: 2000-11-14 00:00:00 UTC
From: Tim Moore <Tim@TM52.com>
Message-ID: <3A11C566.A79EF57D@TM52.com>
Source record: 7896
Cross-posted to: rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.misc,alt.ham-radio.vhf-uhf,alt.radio.scanner

If 143.625 is the downlink for Russian controllers -- what is the downlink for
American controllers??

Rob Janssen wrote:

> Pervert_Extraordinaire <valued_customer@att.com> wrote:
> >Reed Park wrote:
> >>
> >> 143.625 is the Beacon frequency.
> >>
> >> Uplink is 144.900 with downlink of 145.800
>
> >Can you elaborate on this? I've heard them once on
> >143.6250. It was very scratchy but understandable.
> >(except for the Russian thing) ;-)
>
> He is confused between amateur radio and regular operations.
>
> 143.625 is the regular downlink (corresponding uplink is 139.208), you
> may use it as a beacon when you are in a groundstation coverage area.
>
> 145.800 is the amateur radio downlink. Of course you may want to scan
> uplinks for curiosity, but it is not really useful.
>
> Rob
> --
> +----------------------------------+--------------------------------------+
> | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
> | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
> +----------------------------------+--------------------------------------+

--
Tim Moore
Transmitting to you "Live" from Fredericksburg, VA
tim@tm52.com - K4JAR@arrl.net

2859. Re: ISS on 143.625

Newsgroup: rec.radio.amateur.space
Date: 2000-11-14 00:00:00 UTC
From: "tom g." <tagger4@home.com>
Message-ID: <eDjQ5.50350$a7.934604@news1.rdc1.il.home.com>
Source record: 7897
Cross-posted to: rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.misc,alt.ham-radio.vhf-uhf,alt.radio.scanner

Some one gave the link to a program called SatScape
i downloaded and installed it and it lists this info for the ISS:
Data for ISS (ZARYA)
(International Space Station)
Beacon: 628.000
Beacon: 632.000
Uplink: 139.208
Uplink: 121.750
Uplink: 231.000
Downlink: 143.625
Downlink: 130.167
Downlink: 247.000
Downlink: 463.000 & 436.000(TV)

Interesting?
tom g.
"Tim Moore" <Tim@TM52.com> wrote in message
news:3A11C566.A79EF57D@TM52.com...
> If 143.625 is the downlink for Russian controllers -- what is the downlink
for
> American controllers??
>
> Rob Janssen wrote:
>
> > Pervert_Extraordinaire <valued_customer@att.com> wrote:
> > >Reed Park wrote:
> > >>
> > >> 143.625 is the Beacon frequency.
> > >>
> > >> Uplink is 144.900 with downlink of 145.800
> >
> > >Can you elaborate on this? I've heard them once on
> > >143.6250. It was very scratchy but understandable.
> > >(except for the Russian thing) ;-)
> >
> > He is confused between amateur radio and regular operations.
> >
> > 143.625 is the regular downlink (corresponding uplink is 139.208), you
> > may use it as a beacon when you are in a groundstation coverage area.
> >
> > 145.800 is the amateur radio downlink. Of course you may want to scan
> > uplinks for curiosity, but it is not really useful.
> >

> > Rob
> > --
> >
+----------------------------------+--------------------------------------+
> > | Rob Janssen pe1chl@amsat.org | WWW:
http://www.knoware.nl/users/rob |
> > | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS:
PE1CHL@PI8WNO.#UTR.NLD.EU |
> >
+----------------------------------+--------------------------------------+
>
> --
> Tim Moore
> Transmitting to you "Live" from Fredericksburg, VA
> tim@tm52.com - K4JAR@arrl.net
>
>

2860. Arianespace Flight 135 is Delayed 24 Hours

Newsgroup: rec.radio.amateur.space
Date: 2000-11-14 00:00:00 UTC
From: N1RZ <n1rz@timhavens.com>
Message-ID: <kSjQ5.15996$Ds3.154559@e420r-sjo3.usenetserver.com>
Source record: 7898

Arianespace Flight 135 is Delayed 24 Hours
11/14/00
The launch of Arianespace Flight 135 has been postponed for one day
following an anomaly in the ground-based infrastructure at the Spaceport in
French Guiana. This anomaly, which affected the telemetry link with the
PAS-1R satellite, occurred during the final countdown on Nov. 14.
As a result, Flight 135 has been delayed for 24 hours. The launch
window is as follows:

a.. Kourou time: From 10:07 p.m. to 11:03 on November 15
b.. GMT: From 1:07 a.m. to 2:03 a.m. on November 16
c.. Paris time: From 2:07 a.m. to 3:03 a.m. on November 16
d.. Washington, D.C. time: From 8:07 p.m. to 9:03 p.m. on November
15

2861. Amateur radio on ISS status report

Newsgroup: rec.radio.amateur.space
Date: 2000-11-14 00:08:00 UTC
From: Will Marchant <kc6rol@amsat.org>
Message-ID: <3A108265.D5552B04@amsat.org>
Source record: 7877
Cross-posted to: rec.radio.amateur.space,sci.space.station

ARISS active on the ISS.
2000-11-13

With the successful execution of engineering test communications passes today, the Amateur Radio on the International Space Station project has passed a significant milestone. The initial two passes were through the Gagarin Cosmonaut Training Center (GCTC) ham shack R3K in Star City near Moscow. The control operator was Sergej Samburov, RV3DR. Eugene Labutin, RA3APR, was planned to address the crew. Also, Vladimir Zagainov, UA3DKR, was in the ham shack. Sergej is the Russian delegate to the ARISS team. Eugene is the AMSAT Russia president. Eugene is continuing a family tradition, as his father made the inaugural contacts with the Mir ham radio station. Vladimir is in charge of training at the GCTC.

A subsequent test pass through the NN1SS station at the Goddard Space Flight Center (Greenbelt, MD) was equally successful. Engineering tests with the packet rig still need to be organized.

The crew, while still very busy, expressed their interest and support of amateur radio activities on the ISS. It seems likely that over the next few weeks, as the crew's schedule settles out, that we may be able to look forward to more amateur radio activity from humanity's latest foothold in space.

The ARISS web pages at http://ariss.gsfc.nasa.gov/ are the best place to check for current information on the status of amateur radio operations on the ISS.

--
Will Marchant
marchant@ssl.berkeley.edu http://chips.ssl.berkeley.edu/~marchant/
kc6rol@amsat.org New==>http://home.earthlink.net/~willmarchant/

2862. Re: ISS on 143.625

Newsgroup: rec.radio.amateur.space
Date: 2000-11-14 02:30:33 UTC
From: Reed Park <reedpark@nbnet.nb.ca>
Message-ID: <3A10A3C2.37EF8A98@nbnet.nb.ca>
Source record: 7878
Cross-posted to: rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.misc,alt.ham-radio.vhf-uhf,alt.radio.scanner

Pervert_Extraordinaire wrote:

> Reed Park wrote:
> >
> > 143.625 is the Beacon frequency.
> >
> > Uplink is 144.900 with downlink of 145.800
>
> Can you elaborate on this? I've heard them once on
> 143.6250. It was very scratchy but understandable.
> (except for the Russian thing) ;-)

If you monitor 143.625, at least you will know when the bird is
within range. Usually, the beacon frequency will not have voice
on it. The actual frequency that you can expect to hear people
on is 145.800 MHz. The frequency of 144.900 MHz is the frequency
people on the ground use to communicate to the space craft. Not
much sense listening on that one, because you will only hear ground
stations close to your location.

> Should we scan 144.900 and 145.800 too?

No, just 145.800 for the reason I stated above. By the way. I am no
expert, have not talked with the bird, just relaying info that was
told to me.

7 3
Reed

--

ARROW Research (Avro CF-105)
Reed Park
252 Gauvin Road
Dieppe, New Brunswick
Canada E1A1M1

Amateur Radio VE1NU
WW II, # 19 SET user
I.C.Q. # 4138282

2863. Re: AMSAT Phase 3D H.F. Launch Nets.

Newsgroup: rec.radio.amateur.space
Date: 2000-11-14 02:32:32 UTC
From: "D. Stussy" <kd6lvw@bde-arc.ampr.org>
Message-ID: <Pine.LNX.4.10.10011140232140.9058-100000@exp.bde-arc.ampr.org>
Source record: 7879
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.space,rec.radio.shortwave

On Mon, 13 Nov 2000, Ralf R. Radermacher wrote:
> D. Stussy <kd6lvw@bde-arc.ampr.org> wrote:
> > Any indication of satellite coverage? Some repeaters have satellite
> > downlinks attached (for NASA feeds, etc.).
>
> European readers may want to note that the launch will be covered live
> on German Bayern 3 TV available via Astra in analog as well as digital
> format.

Anything viewable from the west coast of North America?

2864. Re: ISS on 143.625

Newsgroup: rec.radio.amateur.space
Date: 2000-11-14 02:32:39 UTC
From: Reed Park <reedpark@nbnet.nb.ca>
Message-ID: <3A10A442.8571ACB5@nbnet.nb.ca>
Source record: 7880
Cross-posted to: rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.misc,alt.ham-radio.vhf-uhf,alt.radio.scanner

N1RZ wrote:

> Please read the following URLs. The information Reed has supplied is not
> correct as far as I'm aware.
>
> 143.625 is NOT a beacon frequency. It is the Russian Downlink from ISS to
> the Russian Ground Control.
>
> http://ariss.gsfc.nasa.gov/ExpeditionOne/
>

There you go. Seems I am wrong once again in this lifetime. Darn.
I wanted to go through life never wrong. :-)

Thanks for the info.

Regards
Reed

--

ARROW Research (Avro CF-105)
Reed Park
252 Gauvin Road
Dieppe, New Brunswick
Canada E1A1M1

Amateur Radio VE1NU
WW II, # 19 SET user
I.C.Q. # 4138282

2865. P3D Launch Broadcast

Newsgroup: rec.radio.amateur.space
Date: 2000-11-14 04:50:45 UTC
From: "Gary \"Joe\" Mayfield" <gary_mayfield@hotmail.com>
Message-ID: <Fw3Q5.30756$25.6316996@news1.rdc1.ne.home.com>
Source record: 7881

V135 Broadcast Information

Please note that the feed for the V135 launch will be available domestically on Tuesday, November 14, 2000 at 7:37 P.M. (launch window is from 8:07 to 9:03 P.M. EST)

Following are the satellite coordinates:
- Galaxy 4
- Transponder 12 C-Band
- 3940 MHz Uplink (Vertical)
- 6165 MHz Downlink (Horizontal)

The Arianespace video transmission is copyrighted Arianespace material.

2866. KCT Hardware Question?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-14 04:51:42 UTC
From: Rob Kling <rkling@home.com>
Message-ID: <yx3Q5.95149$hD4.23076460@news1.rdc1.mi.home.com>
Source record: 7882

I am looking for the hardware specs for the Kansas City Tracker. I have seen a file listed in the InstaTrack Utilities called KCTHW.txt. I can not find this file for download anywhere, where I can find the files on the disk everywhere! If anyone has this file on their utilites disk could you please send me a copy?

Specifcally, I have an AEA-ST-1 interface and I am looking to write software for it! The spcecs say that it should work with KCT software. I am able to get the port to rotate the antennas but I cannot read their position. It looks like I have to strobe the ADC about 8 times then drop enable the CS line for 17 micro secs then strobe-n-read a bit at a time. This seems strange to me since I have a perfectly good data line. This must have been developed for the old one way parallel ports.

Rob

2867. Re: ISS on 143.625

Newsgroup: rec.radio.amateur.space
Date: 2000-11-14 05:03:07 UTC
From: Glenn <glenn.hansen@usa.net>
Message-ID: <fl3Q5.21012$U46.788608@news1.sttls1.wa.home.com>
Source record: 7883
Cross-posted to: rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.misc,alt.ham-radio.vhf-uhf,alt.radio.scanner

"Reed Park" <reedpark@nbnet.nb.ca> wrote ...
> Pervert_Extraordinaire wrote:
>
> > Reed Park wrote:
> > >
> > > 143.625 is the Beacon frequency.
> > >
> > > Uplink is 144.900 with downlink of 145.800
> >
> > Can you elaborate on this? I've heard them once on
> > 143.6250. It was very scratchy but understandable.
> > (except for the Russian thing) ;-)
>
> If you monitor 143.625, at least you will know when the bird is
> within range. Usually, the beacon frequency will not have voice
> on it.

This is the ground comms, not a beacon.

>The actual frequency that you can expect to hear people
> on is 145.800 MHz.

If they are operating the Ham station. If not you need to listen to 143.625

>The frequency of 144.900 MHz is the frequency
> people on the ground use to communicate to the space craft.

Only Hams.

>Not
> much sense listening on that one, because you will only hear ground
> stations close to your location.
>
> > Should we scan 144.900 and 145.800 too?
>
> No, just 145.800 for the reason I stated above. By the way. I am no
> expert, have not talked with the bird, just relaying info that was
> told to me.

No listen to 145.80 if you feel they are active on the Ham radio station.
Listen to 143.625 if they are woking.

2868. Re: Would this reciever be useful for starting amateur SETI?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-14 05:57:22 UTC
From: Kate Martin <ktee@_REMOVEME_chariot.net.au>
Message-ID: <3A10D442.4FF7F4E4@_REMOVEME_chariot.net.au>
Source record: 7884
Cross-posted to: sci.astro.seti,alt.sci.seti,rec.radio.amateur.space

It may sound frivolous at first, but my question raises an important
issue.

Would an advanced race of beings _bother_ to put any effort into
communicating with what they would perceive as a "lower form of life"?

Hopefully, their advancement hasn't moved their technology beyond out
current SETI theories. (radio, optical etc.) If, on the other hand,
"supercivilizations" no longer have a need for radio and optical means
of communication, (Perhaps the "radio age" is comparatively short
during the evolution of a species.) there is a real possibility that
they would not bother to resurrect it just to talk to the "lizards".

Hopefully not, but I can't help wondering...

Kate

"Alfred A. Aburto Jr." wrote:
>
> Naw :)
>
> > "Kate Martin" <ktee@_REMOVEME_chariot.net.au> wrote in message
> news:3A100EF2.9424FB51@_REMOVEME_chariot.net.au...
> >
> > When you go to the zoo...
> >
> > Do you try to "contact" the lizards?
> >
> > Kate
> > :)
> >
> >
> > "Alfred A. Aburto Jr." wrote:
> > >
> > > Yes, it seems true ...
> > >
> > > I don't want to be discouraged though. Not yet.
> > > It is too soon. I want to die an old man still thinking
> > > there is alot more out there than we can see right
> > > now ...
> > >
> > > I'm positive there is ...
> > >
> > > > "T. Joseph W. Lazio" <jlazio@patriot.net> wrote in message
> > > news:m2u29d82yn.fsf@patriot.net...

> > > > >>>>> "AAA" == Alfred A Aburto <aburto@cts.com> writes:
> > > >
> > > > AAA> All I'm saying is that it doesn't seem all that odd that META
> > > > AAA> didn't find anything in 5 years. It is not wasted effort! We need
> > > > AAA> to keep looking and improve the search ... no one says the
> > > > AAA> "signals" have to repeat! We just need to accumulate more data
> > > > AAA> and statistics just like seti@home is doing now ...
> > > >
> > > > Oh, we agree essentially completely. META, and SETI in general, are
> > > > not wasted efforts. However, we cannot ignore the results of META.
> > > > If there are supercivs in the Milky Way, they are not falling all over
> > > > themselves to make themselves known to less civilizations like us.
> > > >
> > > > --
> > > > Lt. Lazio, HTML police | e-mail: jlazio@patriot.net
> > > > No means no, stop rape. | http://patriot.net/%7Ejlazio/
> > > > sci.astro FAQ at http://sciastro.astronomy.net/sci.astro.html

2869. Re: Ham software for linux? (was: Re: ISS on 143.625)

Newsgroup: rec.radio.amateur.space
Date: 2000-11-15 00:00:00 UTC
From: Pulse Laser God <ve6ajd@freenet.edmonton.ab.ca>
Message-ID: <3a124d26@ecn.ab.ca>
Source record: 7808
Cross-posted to: rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.misc,alt.ham-radio.vhf-uhf

How about you take a look through Amsat

Their main webpage is located @ http://www.amsat.org/

I also took a moment to find the area that they house the Linux software
that they do carry is located @
http://www.amsat.org/amsat/ftpsoft.html#linux

Just thought that I would give you a hand in locating the software that you
were looking for!

2870. Re: Space Station Alpha begins testing 2-meter Amateur Radio Station

Newsgroup: rec.radio.amateur.space
Date: 2000-11-15 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn914p7k.kd0.nomail@linux.pe1chl.ampr.org>
Source record: 7809

Eavesdropper <ian@eavesdropper.worldonline.co.uk> wrote:
>When did anybody start calling it ALPHA again?, I thought that name was
>dropped ages ago for simply "the international space station"

>curious

The American crew member believed it would be tempting bad luck to inhabit
a space station without a name. So he proposed a name during the radio
contact that occurred just after docking.

Unfortunately (IMO) he again came back to the name Alpha which was
suggested by NASA before, and which was rejected by the Russians because it
suggested that it was the first space station (because Alpha is the first
letter in the greek alphabet). The Russians counterproposed the name Beta
at that time, which was not accepted by NASA.

I think it is not very polite to bring forward the name Alpha again, in the
presence of the Russian crew and groundstation personnel, by the
American astronaut. It was accepted by the English speaking groundstation
personnel "for this mission only". But the Russians most likely felt stept
on their toes.

This should have been solved by mutual agreement. And if he wanted a name
so badly, he should have come up with something original, not a name that
was rejected before.

Rob
--
+----------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+----------------------------------+--------------------------------------+

2871. Re: Ham software for linux? (was: Re: ISS on 143.625)

Newsgroup: rec.radio.amateur.space
Date: 2000-11-15 00:00:00 UTC
From: Alena and Chet <alena@mediaone.net>
Message-ID: <feyQ5.7746$M51.1737983@typhoon.ne.mediaone.net>
Source record: 7810
Cross-posted to: rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.misc,alt.ham-radio.vhf-uhf

I know that red hat comes with allot of Ham Radio stuff. You just have to
specify it in the setup
"Eric Oyen" <n7zzt@home.com> wrote in message
news:3A1221A1.FCCFC20A@home.com...
> big question?
> is any of the software (thats so useful in windows) have a
> linux equivalent? It would be nice to be able to have fft capabilities
> in linux using the same hardware you find on a winblows box (and
> space tracking would certanly be a plus as well).
>
> thanks.
>
> DE N7ZZT
>
> Pulse Laser God wrote:
>
> > Where would I be able to download a tracker program for the ISS.
> >
> > I do not need a tracker that controls the antennas just a real simple
> > tracking program that will tell me when the ISS is coming into range and
for
> > how long it will be in range. That kind of thing.
> >
> > As well I know that you can listen to ISS, I think it is listen only, on
> > 143.625, but are there any other frequencies that are available for
> > communication with them??
> >
> > Thanx. I am kind of new to the satellite communication thing so I do
need a
> > little help sometimes!
>

2872. Re: Ham software for linux? (was: Re: ISS on 143.625)

Newsgroup: rec.radio.amateur.space
Date: 2000-11-15 00:00:00 UTC
From: Cathryn Mataga <cathryn@junglevision.com>
Message-ID: <3A12B634.A67E76ED@junglevision.com>
Source record: 7811
Cross-posted to: rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.misc,alt.ham-radio.vhf-uhf

Alena and Chet wrote:
>
> I know that red hat comes with allot of Ham Radio stuff. You just have to
> specify it in the setup
> "Eric Oyen" <n7zzt@home.com> wrote in message
> news:3A1221A1.FCCFC20A@home.com...
> > big question?
> > is any of the software (thats so useful in windows) have a
> > linux equivalent? It would be nice to be able to have fft capabilities
> > in linux using the same hardware you find on a winblows box (and
> > space tracking would certanly be a plus as well).
> >

http://radio.linux.org.au

Everything that's out there for radios and Linux is there. Pretty much.

2873. Re: Space Station Alpha begins testing 2-meter Amateur Radio Station

Newsgroup: rec.radio.amateur.space
Date: 2000-11-15 00:00:00 UTC
From: Eavesdropper <ian@eavesdropper.worldonline.co.uk>
Message-ID: <3a12c5e1@news.server.worldonline.co.uk>
Source record: 7812

Hmmm, quite agree with you Rob, it is such a small thing at the end of the day that you would have thought that all those millions of dollars and thousands of people could have had the intelligence to name the dam thing in all the years they have had before hand !.

Still thats red tape for you !

regards

ianm
"Rob Janssen" <nomail@rob.knoware.nl> wrote in message
news:slrn914p7k.kd0.nomail@linux.pe1chl.ampr.org...
> Eavesdropper <ian@eavesdropper.worldonline.co.uk> wrote:
> >When did anybody start calling it ALPHA again?, I thought that name was
> >dropped ages ago for simply "the international space station"
>
> >curious
>
> The American crew member believed it would be tempting bad luck to inhabit
> a space station without a name. So he proposed a name during the radio
> contact that occurred just after docking.
>
> Unfortunately (IMO) he again came back to the name Alpha which was
> suggested by NASA before, and which was rejected by the Russians because
it
> suggested that it was the first space station (because Alpha is the first
> letter in the greek alphabet). The Russians counterproposed the name Beta
> at that time, which was not accepted by NASA.
>
> I think it is not very polite to bring forward the name Alpha again, in
the
> presence of the Russian crew and groundstation personnel, by the
> American astronaut. It was accepted by the English speaking groundstation
> personnel "for this mission only". But the Russians most likely felt
stept
> on their toes.
>
> This should have been solved by mutual agreement. And if he wanted a name
> so badly, he should have come up with something original, not a name that
> was rejected before.
>
> Rob
> --
>
+----------------------------------+--------------------------------------+

```
> | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob
|
> | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU
|
>
+----------------------------------+--------------------------------------+
```

2874. Re: Phase 3D IR Laser

Newsgroup: rec.radio.amateur.space
Date: 2000-11-15 00:00:00 UTC
From: Clifford Buttschardt <cbuttsch@slonet.org>
Message-ID: <Pine.GSO.3.95.1001115095128.13529A-100000@oso.slonet.org>
Source record: 7813

Dale, it is fully described in the AMSAT JOURNAL for Sept/Oct 2000. This issue is the latest and available from AMSAT NA. Cliff K7RR

On Mon, 13 Nov 2000, Dale Ireland wrote:

> Hello
> Would someone direct me to some online info about the Phase 3D IR Laser. All
> I can find on AMSAT is the frequency and power. I would like more specs and
> details about how it will be used and viewed.
> Dale
>
>
>
>

2875. Re: Space Station Alpha begins testing 2-meter Amateur Radio Station

Newsgroup: rec.radio.amateur.space
Date: 2000-11-15 00:00:00 UTC
From: "M. Schneider" <markinokla@juno.com>
Message-ID: <bZzQ5.4342$vn5.3526@newsfeed.slurp.net>
Source record: 7814

Gee, if the Russians don't like Alpha, how about "Freedom", that was Regan's name for it? Or, considering the problems on the Russian end, maybe "Cheop" after Cheop's Law: "Nothing ever gets built on time, or within budget". Every name you can come up with will offend somebody, and NASA is terminally afraid of offending anybody that might complain to their congressman. That's how we ended up with "ISS", which isn't a word. Just be glad they didn't go with "American Space Station". ;<)

Mark K5MAR

"Eavesdropper" <ian@eavesdropper.worldonline.co.uk> wrote in message news:3a12c5e1@news.server.worldonline.co.uk...
> Hmmm, quite agree with you Rob, it is such a small thing at the end of the
> day that you would have thought that all those millions of dollars and
> thousands of people could have had the intelligence to name the dam thing in
> all the years they have had before hand !.
>
> Still thats red tape for you !
>
> regards
>
> ianm
> "Rob Janssen" <nomail@rob.knoware.nl> wrote in message
> news:slrn914p7k.kd0.nomail@linux.pe1chl.ampr.org...
> > Eavesdropper <ian@eavesdropper.worldonline.co.uk> wrote:
> > >When did anybody start calling it ALPHA again?, I thought that name was
> > >dropped ages ago for simply "the international space station"
> >
> > >curious
> >
> > The American crew member believed it would be tempting bad luck to inhabit
> > a space station without a name. So he proposed a name during the radio
> > contact that occurred just after docking.
> >
> > Unfortunately (IMO) he again came back to the name Alpha which was
> > suggested by NASA before, and which was rejected by the Russians because
> it
> > suggested that it was the first space station (because Alpha is the first
> > letter in the greek alphabet). The Russians counterproposed the name Beta
> > at that time, which was not accepted by NASA.
> >

> > I think it is not very polite to bring forward the name Alpha again, in
> the
> > presence of the Russian crew and groundstation personnel, by the
> > American astronaut. It was accepted by the English speaking
groundstation
> > personnel "for this mission only". But the Russians most likely felt
> stept
> > on their toes.
> >
> > This should have been solved by mutual agreement. And if he wanted a
name
> > so badly, he should have come up with something original, not a name
that
> > was rejected before.
> >
> > Rob
> > --
> >
>
+----------------------------------+--------------------------------------+
> > | Rob Janssen pe1chl@amsat.org | WWW:
http://www.knoware.nl/users/rob
> |
> > | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS:
PE1CHL@PI8WNO.#UTR.NLD.EU
> |
> >
>
+----------------------------------+--------------------------------------+
>
>

2876. Re: Space Station Alpha begins testing 2-meter Amateur Radio Station

Newsgroup: rec.radio.amateur.space
Date: 2000-11-15 00:00:00 UTC
From: Eavesdropper <ian@eavesdropper.worldonline.co.uk>
Message-ID: <3a12edff@news.server.worldonline.co.uk>
Source record: 7815

I don't see the problem with just calling it "the international space station" ?, it's what most people have been calling it for ages now and it was widely accepted by all. After all it is an "international" thing really.

Why has something always got to have a cheesy name like "freeedom" or "alpha"...too much star trek or something :-).

ian

"M. Schneider" <markinokla@juno.com> wrote in message news:bZzQ5.4342$vn5.3526@newsfeed.slurp.net...
> Gee, if the Russians don't like Alpha, how about "Freedom", that was Regan's
> name for it? Or, considering the problems on the Russian end, maybe "Cheop"
> after Cheop's Law: "Nothing ever gets built on time, or within budget".
> Every name you can come up with will offend somebody, and NASA is terminally
> afraid of offending anybody that might complain to their congressman.
> That's how we ended up with "ISS", which isn't a word. Just be glad they
> didn't go with "American Space Station". ;<)
>
> Mark K5MAR
>
> "Eavesdropper" <ian@eavesdropper.worldonline.co.uk> wrote in message
> news:3a12c5e1@news.server.worldonline.co.uk...
> > Hmmm, quite agree with you Rob, it is such a small thing at the end of the
> > day that you would have thought that all those millions of dollars and
> > thousands of people could have had the intelligence to name the dam thing
> in
> > all the years they have had before hand !.
> >
> > Still thats red tape for you !
> >
> > regards
> >
> > ianm
> > "Rob Janssen" <nomail@rob.knoware.nl> wrote in message
> > news:slrn914p7k.kd0.nomail@linux.pe1chl.ampr.org...
> > > Eavesdropper <ian@eavesdropper.worldonline.co.uk> wrote:
> > > >When did anybody start calling it ALPHA again?, I thought that name was
> > > >dropped ages ago for simply "the international space station"

> > >
> > > >curious
> > >
> > > The American crew member believed it would be tempting bad luck to
> inhabit
> > > a space station without a name. So he proposed a name during the
radio
> > > contact that occurred just after docking.
> > >
> > > Unfortunately (IMO) he again came back to the name Alpha which was
> > > suggested by NASA before, and which was rejected by the Russians
because
> > it
> > > suggested that it was the first space station (because Alpha is the
> first
> > > letter in the greek alphabet). The Russians counterproposed the name
> Beta
> > > at that time, which was not accepted by NASA.
> > >
> > > I think it is not very polite to bring forward the name Alpha again,
in
> > the
> > > presence of the Russian crew and groundstation personnel, by the
> > > American astronaut. It was accepted by the English speaking
> groundstation
> > > personnel "for this mission only". But the Russians most likely felt
> > stept
> > > on their toes.
> > >
> > > This should have been solved by mutual agreement. And if he wanted a
> name
> > > so badly, he should have come up with something original, not a name
> that
> > > was rejected before.
> > >
> > > Rob
> > > --
> > >
> >
>
+----------------------------------+---------------------------------------+
> > > | Rob Janssen pe1chl@amsat.org | WWW:
> http://www.knoware.nl/users/rob
> > |
> > > | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS:
> PE1CHL@PI8WNO.#UTR.NLD.EU
> > |
> > >
> >
>

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+----------------------------------+--------------------------------------+
> >
> >
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>
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2877. Re: Space Station Alpha begins testing 2-meter Amateur Radio Station

Newsgroup: rec.radio.amateur.space
Date: 2000-11-15 00:00:00 UTC
From: Eavesdropper <ian@eavesdropper.worldonline.co.uk>
Message-ID: <3a12ef62@news.server.worldonline.co.uk>
Source record: 7816

PS.

What we should really worry about is that this station better come up with results that the GENRAL PUBLIC at large can see making a difference in their lives or you can forget the future of space science/travel because nobody will stomach another financial outlay like that again if it does not produce results that everyone can benefit from in day to day life.

And I really don't think velcrose or the amazing ability to take a crap while sitting upside down relative to the Earth will cut the ice this time :-).

ian

"Eavesdropper" <ian@eavesdropper.worldonline.co.uk> wrote in message news:3a12edff@news.server.worldonline.co.uk...
> I don't see the problem with just calling it "the international space
> station" ?, it's what most people have been calling it for ages now and it
> was widely accepted by all. After all it is an "international" thing really.
>
> Why has something always got to have a cheesy name like "freeedom" or
> "alpha"...too much star trek or something :-).
>
> ian
>
>
>
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> news:bZzQ5.4342$vn5.3526@newsfeed.slurp.net...
> > Gee, if the Russians don't like Alpha, how about "Freedom", that was Regan's
> > name for it? Or, considering the problems on the Russian end, maybe "Cheop"
> > after Cheop's Law: "Nothing ever gets built on time, or within budget".
> > Every name you can come up with will offend somebody, and NASA is terminally
> > afraid of offending anybody that might complain to their congressman.
> > That's how we ended up with "ISS", which isn't a word. Just be glad they
> > didn't go with "American Space Station". ;<)
> >
> > Mark K5MAR
> >
> > "Eavesdropper" <ian@eavesdropper.worldonline.co.uk> wrote in message

> > news:3a12c5e1@news.server.worldonline.co.uk...
> > > Hmmm, quite agree with you Rob, it is such a small thing at the end of
> the
> > > day that you would have thought that all those millions of dollars and
> > > thousands of people could have had the intelligence to name the dam
> thing
> > in
> > > all the years they have had before hand !.
> > >
> > > Still thats red tape for you !
> > >
> > > regards
> > >
> > > ianm
> > > "Rob Janssen" <nomail@rob.knoware.nl> wrote in message
> > > news:slrn914p7k.kd0.nomail@linux.pe1chl.ampr.org...
> > > > Eavesdropper <ian@eavesdropper.worldonline.co.uk> wrote:
> > > > >When did anybody start calling it ALPHA again?, I thought that name
> was
> > > > >dropped ages ago for simply "the international space station"
> > > >
> > > > >curious
> > > >
> > > > The American crew member believed it would be tempting bad luck to
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> > > > a space station without a name. So he proposed a name during the
> radio
> > > > contact that occurred just after docking.
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> > > > suggested that it was the first space station (because Alpha is the
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> > > > letter in the greek alphabet). The Russians counterproposed the
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> > > > at that time, which was not accepted by NASA.
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> > groundstation
> > > > personnel "for this mission only". But the Russians most likely
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> > > >
> > > > This should have been solved by mutual agreement. And if he wanted
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> > > > Rob
> > > > --
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> > >
> >
>
+----------------------------------+--------------------------------------+
> > > > | Rob Janssen pe1chl@amsat.org | WWW:
> > http://www.knoware.nl/users/rob
> > > |
> > > > | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS:
> > PE1CHL@PI8WNO.#UTR.NLD.EU
> > > |
> > > >
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+----------------------------------+--------------------------------------+
> > >
> > >
> >
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>
>

2878. Re: RS13/15 Rise Times

Newsgroup: rec.radio.amateur.space
Date: 2000-11-15 00:00:00 UTC
From: jimlon@aol.com
Message-ID: <20001115163305.19642.00001832@ng-ba1.aol.com>
Source record: 7817

check out the web site

http://www.heavens-above.org

all kind of sattelite info
http://www.amsat.org
for a program to track the sats

jimlon@aol.com

2879. Dreams.

Newsgroup: rec.radio.amateur.space
Date: 2000-11-15 00:00:00 UTC
From: KiDRomeo-yay@webtv.net
Message-ID: <452-3A1307F1-33@storefull-168.iap.bryant.webtv.net>
Source record: 7818

Dreams: All people in the world have dreams.
Every one haves bad dreams, good dreams, weird dreams, and Unknown
dreams that don't make sence..

But why do we have dreams?????????????
why did God made dreams?????????????
Did Jesus Yous to have Dreams?????????

to me dreams are just A diffrent world.,
Dreams are real!!!.. Dreams are stronger then real li□e because you
can do anything you want in our dreams....

Alot of people say dreams aint real.. its all in the mind!!....but who
said A mind aint real?

Dreams come from our minds, so if your saying
dreams aint real, then is are mind aint real?

Dreams is A other world., thats trapped in are head!!!.. all our
Imagination's and feelings and everything we think about is in our
dreams..

Either its Bad or good, or weird or unknown..
dreams are REAL!! its A diffrent world.

A world where you can do anything that the humen mind can Possibly think
of....

People say:

"At night when we go to bed, we done what we had to do in our day, now
its time so shut our eyes and go to sleep and get ready for the next
day"

Well to me this is how I think of it:

"at night when we done what we had to do in This World!! that calls
earth, now its time to close our eyes and go to A diffrent world where
all our Imagination's go wild and do anything they want"...

Now tell me this:.. "do you think Dreams are real?"......

Please respond back!!!... (-:

2880. Well done Arianespace! Thanks for successfully launching AMSAT P3D!

Newsgroup: rec.radio.amateur.space
Date: 2000-11-15 00:00:00 UTC
From: Joe Leikhim <jleikhim@nettally.com>
Message-ID: <3A135EDF.E2BD59AF@nettally.com>
Source record: 7819

Well done Arianespace!

Thanks for launching successfully AMSAT P3D!

--
Joe Leikhim K4SAT
Jleikhim@nettally.com

"tv dinner by the pool,
i'm so glad i finished school" -F.Zappa 1967

"The Revolution will NOT be televised" -Gil Scott Heron

"Whats he building in there?"- Tom Waits

WARNING TO UNSOLICITED SPAMMERS!!!

Pursuant to U.S. Code, title 47, Chapter 5, Subchapter II,
"Any and all non-solicited commercial E-mail (SPAM) sent to
this address is subject to a download and archival fee of
$500.00 U.S."! E-mailing denotes acceptance of these terms.

2881. Re: ISS on 143.625

Newsgroup: rec.radio.amateur.space
Date: 2000-11-15 00:28:01 UTC
From: brianboerner@my-deja.com
Message-ID: <8usla8np1@nnrp1.deja.com>
Source record: 7803
Cross-posted to: rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.misc,alt.ham-radio.vhf-uhf

In article <3a0d607b@ecn.ab.ca>,
"Pulse Laser God" <ve6ajd@freenet.edmonton.ab.ca> wrote:
> Where would I be able to download a tracker program for the ISS.
>

http://liftoff.msfc.nasa.gov/RealTime/JPass/20/

Java Based.. Lets you track all the sats in realtime or rt x 100(0). It is very cool. I've never seen anything quite like it. It is web based so it always has the latest kep data.

Sent via Deja.com http://www.deja.com/
Before you buy.

2882. Amsat Phase 3D updated pre-launch keplerian element set.

Newsgroup: rec.radio.amateur.space
Date: 2000-11-15 01:45:25 UTC
From: vlfiscus@mcn.net
Message-ID: <t13qmj8asq9m07@news.supernews.com>
Source record: 7804
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

From: "Ken Ernandes" <n2wwd@mindspring.com>
Date: Tue, 14 Nov 2000 17:33:23 -0500

Below is the estimated State Vector and Keplerian Elements for
the AMSAT Phase 3D spacecraft. The vector data was computed from
Arianespace orbital parameters at the time Phase 3D is scheduled
to separate from the Ariane 5 upper stage. The Keplerian Elements
were computed, in turn, from the vector.

Vector format = 10107
Satellite Name: Phase 3D
Catalog Number: 93400
Epoch MET: 0.02983772000
0/00:42:57.979 MET
EFG E: 4321.19714449000 km
F: 10857.0727900300 km
G: -1323.5057345899 km
Edot: -3.1484853319000 km/s
Fdot: 5.75560664520000 km/s
Gdot: -0.5488001613000 km/s
ndot/2 (drag): 0.00000000771 rev/day^2
nddt/6: 0.00000E+00 rev/day^3
Bstar: 1.25668E-05 1/Earth Radii
Elset #: 1
Rev @ Epoch: 1.52588079822

Launch Window Opens: 2000-NOV-16 / 0107 UTC
Phase 3D separation: Launch + 0042:57.979

The following Keplerian elements were computed from this vector and
the scheduled date and time of the launch window opening. Updated
Keplerian elements will be computed from the vector, based on changes
to the scheduled or actual launch time.

Phase 3D
1 93400U 321.07636550 .00000001 00000-0 12567-4 0 14
2 93400 6.5034 247.6325 7357988 175.9296 13.3886 2.02435417 19

Satellite: Phase 3D
Catalog number: 93400
Epoch time: 321.07636550
Element set: 1
Inclination: 6.5034 deg
RA of node: 247.6325 deg
Eccentricity: 0.7357988

Arg of perigee: 175.9296 deg
Mean anomaly: 13.3886 deg
Mean motion: 2.02435417 rev/day
Decay rate: 7.71000e-09 rev/day^2
Epoch rev: 1
Checksum: 276

Note that "93400" is a temporary Catalog Number. A Permanent Catalog Number and International Designator will be assigned when Phase 3D is launched. The satellite name will also be updated with the next sequential "OSCAR" designator.

These Keplerian elements represent a pre-launch estimate of Phase 3D's initial orbit. The orbit will change significantly over the first year the spacecraft is on orbit. Updates will be provided for significant orbital changes.

Ken Ernandes, N2WWD
n2wwd@amsat.org

2883. Re: Space Station Alpha begins testing 2-meter Amateur Radio Station

Newsgroup: rec.radio.amateur.space
Date: 2000-11-15 03:53:29 UTC
From: Eavesdropper <ian@eavesdropper.worldonline.co.uk>
Message-ID: <3a1208c3@news.server.worldonline.co.uk>
Source record: 7805

When did anybody start calling it ALPHA again?, I thought that name was
dropped ages ago for simply "the international space station"

curious

ian

ps: i note in the other thread you are up awaiting arianne launch...me too
shame about delay :-(.

"N1RZ" <n1rz@timhavens.com> wrote in message
news:29lQ5.1950$3u4.21501@e420r-sjo2.usenetserver.com...
> Space Station Alpha begins testing 2-meter Amateur Radio Station
>
> November 14, 2000
>
> By Miles Mann WF1F,
> MAREX-NA (Manned Amateur Radio Experiment, North American Division)
>
> Space Station Alpha on 2-meters:
> Yesterday the International space Station Alpha began testing the crew's
> new Amateur Radio station on the 2-meter band. The Amateur Radio
> station is used by the ISS crews during their fee time to provide the
> crews with an extra way to entertain them selves and to talk to school
> children during pre-arranged school schedules. The Russians have been
> using Amateur radio on Mir since 1988 and have found it to be very
> beneficial for crews on long duration missions. The Mir Amateur radio
> was even used as a emergency comminations link on many occasions, and I
> have even heard rumors the amateur radio link on the NASA Shuttle was
> used to inform the Shuttle crew of an antenna switch problem which
> disconnected the Shuttle from the normal voice channels.
>
> The testing of the Amateur radio station initially took place while ISS
> was over Russia during two prearranged test orbits.
> 1 pass 6:17-6:25 UTC (9:17-9:25 MSK)
> 2 pass 8:53-9:03 UTC
>
> The Amateur Radio station on ISS consists of a commercial grade hand
> held radio called a HT. The radio operates in the ITU satellite portion
> of the amateur radio 2-meter band 144.000 - 146.000. The exact
> frequencies used during the test are of course a closely guarded secret,
> however when testing is completed the radio will be placed on one of the
> published public channels. The ISS Amateur Radio station is not
> currently open to the public at this time.
>

> Russian view of the test:
> The club station R3K at RSA Energia in Korolev Russia (near Moscow) was
> equipped with two different 2-meter radio stations to simulate typical
> amateur radio home stations. One station is what we call an Oscar class
> station and the other a typical home station.
>
> Station #1:
> Transceiver, Oscar Class 180 watts RF FM. Antenna 20 element Circular
> polarized, gain approximately 9+ dBd, Approximate ERP 1440 watts
>
> Station #2:
> Transceiver, Mobile Class 50 watts RF FM. Antenna, Vertical collinear 7
> meters in length, gain aprox 6 dBd, Approximate ERP 200 watts.
>
> The first pass test used the big station #1. This orbit was a low orbit
> pass, only getting 28 degrees above the horizon, and its closest
> approach to the station was just over 700 kilometers. Cosmonaut Musa
> U2MIR was to be the first person in the club station to make the
> contact, however Musa was a little late for the schedule. So the task
> fell upon Sergej Samburov RV3DR to make the first contact with ISS via
> Amateur Radio. (Sergej Samburov is also the manager of the club station
> at RSA and the club station on ISS.) The initial contact took place on
> schedule and the microphone was quickly passed around the room to the
> other present, including Vladimior Zagainov, UA3DKR and Eugene Labutin,
> RA3APR. The audio and signal quality were excellent, we use the term
> DFQ, Darn Full Quieting. The contact lasted 10 minutes as the space
> station traveled from horizon to horizon. A strong signal was
> maintained during the whole 2-way conversation.
>
> The second test orbit used the lower power station with a smaller
> antenna. This orbit was also a low orbit pass, only getting 28 degrees
> above the horizon, and its closest approach to the station was just over
> 700 kilometers. On occasions you may get an orbit directly over your
> house and the station will be only 400 kilometers away.
> The signal quality was noticeably lower and there was considerable noise
> on the signal during the beginnings and end of the 10 communications
> pass. The difference in signal strength was primarily because of the
> lower gain antenna on the club station. The bigger the antenna, the
> more signal you can pull in. The ISS crew and club station member
> enjoyed another 10 minute conversation and declared the initial voice
> testing of the Amateur Radio station a success. Cosmonaut Mikhail Turn
> was present during the testing. It will be Mikhail job to install the
> new Amateur Radio antenna on ISS during his expedition 3 ISS mission in
> 2001.
>
> After the test Sambrov and I discuss the signal quality and compared it
> to the Russian Space station Mir. The Mir station had a slightly better
> antenna and it had the ability to select different transmitter power
> levels with the Kenwood TM-733 settings of 5,10 and 50 watts output. To
> help conserve power, the Mir station was usually kept on the 5 watt

> setting. The signal quality results of this ISS test were similar to
> signal quality reports from Mir, when Mir was using the 5-watt setting.
> The ISS transceiver has an estimated ERP transmitter value of 1.5
> watts. These results are still preliminary. However, it looks like
> stations with a zero gain antenna will be able to hear ISS and will be
> able to establish 2-way connections on good close orbit passes. Sergej
> then said, there are plans to upgrade the antenna system on ISS during
> expedition #3 mission, with an antenna system specifically designed for
> the amateur radio bands. There are also tentative plans to upgrade the
> transceiver on ISS to a 50-watt class transceiver (pending many
> approvals).
>
> For more information on this mission please check the NASA web pages.
> http://spaceflight.nasa.gov/index-n.html
>
> ISS ALPHA visibility:
> The NASA web page has a program, which will calculate the potential for
> being able to visually see the ISS ALPHA as it passes over your city.
> They have a listings for many different cities and countries.
> http://spaceflight.nasa.gov/realdata/sightings/
>
> International Space Station Alpha Amateur Radio Call signs:
> The ISS ALPHA is keeping the international flair by hosting several
> amateur radio call signs from around the world, and the list keeps
> growing. So far the ISS ALPHA has 4 calls signs from three different
> countries, Russia, USA and Germany. Also each of the crewmembers of
> expedition 1 has their own personal Amateur Radio call sign. One NASA
> engineer sent a message to the ISS crew saying, "You guys can use what
> ever [Amateur Radio] call sign you want".
>
> William Shepherd, Expedition commander, KD5GSL
> Yuri Gidzenko, Soyuz commander (pending)
> Sergei Krikalev, flight engineer, U5MIR
> Russian Module call sign: RZ3DZR
> Other club call signs ISS used: RS0ISS, NA1SS and DL0ISS ALPHA
>
> Suggested receiving station:
> Casual listening for ISS ALPHA and Mir
> 2-meter vertical or scanner antenna (0 dBd or better)
> Police scanner or amateur radio with the ability to receive in the 144 -
> 146 mc or MHz range, FM mode. Antenna cable should be a low loss RG-8
> style cable less than 100 feet long (RG-213 best choice). You will not
> need to mount the antenna very high, just try to get above the roof
> ridgeline. And of course you will need to find / buy a satellite
> tracking program. I recommend the InstantTrack 1.5. It's a simple easy
> to use program, which can be purchased from Amsat.
> http://www.amsat.org/amsat/instanttrack/
>
> ISS ALPHA frequencies:
> The Amateur Radio frequencies for ISS ALPHA have been posted.

> Worldwide downlink for voice and packet: 145.800
> Worldwide packet uplink: 145.990
> Region 1 voice uplink: 145.200
> Region 2 & 3 voice uplink: 144.490
>
> You will need to dig out the manual for your radio and program in the
> following frequency combinations. Note that some of the older FM mobile
> and Walkie-talkie HT style radios over 15 years old may have some
> difficulty in saving these combinations into memory. The channels
> listed below will help you compensate for the speed of the space
> station, called Doppler. If the smallest channel step your radio
> supports is 5k, then only program in channels 2, 5 and 8. If your radio
> supports the smaller 2.5k channel step, then program in all channels
> listed. After you have determined your smallest channel step supported
> by your radio, then program in the channels. You can either use the
> procedures for storing ODD-Splits or you can reprogram your repeater off
> set for each of the channels and then save the new combination in a new
> memory location. This channel procedure has been successfully used on
> the Mir Amateur Radio program for years and is the choice of usage for
> school schedules (you do not want to fiddle with VFO's during a
> 10-minute pass). I also recommend you program in all channels, no mater
> what part of the world you live in. The World Map ISS ALPHA location
> display used by the ISS ALPHA crew is not located next to the Amateur
> Radio station.
>
> Voice operations Region 2 & 3 (North and South America and Pacific)
> Chan Receive Transmit Offset (Meg)
> 1 145.802.5 144.487.5 -1.315
> 2 145.800.0 144.490.0 -1.310
> 3 145.798.5 144.492.5 -1.306
>
> Packet operations Regions 1, 2 & 3 (Europe, North and South America and
> Pacific)
> Chan Receive Transmit Offset (Meg)
> 4 145.802.5 145.987.5 +0.185
> 5 145.800.0 145.990.0 +0.190
> 6 145.798.5 145.992.5 +0.194
>
> Voice operations Region 1 (Europe)
> Chan Receive Transmit Offset (Meg)
> 7 145.802.5 145.197.5 -0.605
> 8 145.800.0 145.200.0 -0.600
> 9 145.798.5 145.202.5 -0.596
>
> Usage Example:
> Lets assume ISS ALPHA is approaching for a good 10 minute over head
> pass, running Packet. When ISS ALPHA comes over the horizon the Doppler
> frequency error will initially be 3.5k plus 145.990 = 145.993.5. This
> means the frequency ISS ALPHA will appear to be transmitting on is
> 145.993.5. Set your radio to channel #4 for the first 3 minutes of the

> pass. Then for the next 3 minutes use channel #5 and for the last three
> minutes use channel #6. Follow the same procedure for Voice
> operations. Since we are using the Mode FM, we do not have to have our
> Transmit and receive frequency exactly on frequency. We can be off
> frequency 1-2khz and still get reliable Voice and Data. The MAREX-NA
> team has been using this procedure for 10 years with excellent results.
>
> QSL card:
> A QSL card is a post card, which you can request to confirm you made a
> two-way or heard the crew on the Amateur Radio band. The QSL procedure
> for ISS ALPHA is under development, please check the AIRSS web pages for
> the latest updates and QSL procedures for ISS ALPHA.
> http://arISS Alpha.gsfc.nasa.gov/
>
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> profit including, but not limited to, CD ROMs, books, and/or other
> commercial outlets without prior written consent from the author.
> Images received from the MAREX-NA SSTV system on the Russian Space
> Station Mir are considered public domain and may be freely distributed,
> without prior permission.
>
> DOSVIDANIYA Miles WF1F
> ----
> Via the sarex mailing list at AMSAT.ORG courtesy of AMSAT-NA.
> Via N1RZ to the rec.radio.amateur.space news group.
>
>
>
>

2884. Ham software for linux? (was: Re: ISS on 143.625)

Newsgroup: rec.radio.amateur.space
Date: 2000-11-15 05:39:31 UTC
From: Eric Oyen <n7zzt@home.com>
Message-ID: <3A1221A1.FCCFC20A@home.com>
Source record: 7806
Cross-posted to: rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.misc,alt.ham-radio.vhf-uhf

big question?
is any of the software (thats so useful in windows) have a
linux equivalent? It would be nice to be able to have fft capabilities
in linux using the same hardware you find on a winblows box (and
space tracking would certanly be a plus as well).

thanks.

DE N7ZZT

Pulse Laser God wrote:

> Where would I be able to download a tracker program for the ISS.
>
> I do not need a tracker that controls the antennas just a real simple
> tracking program that will tell me when the ISS is coming into range and for
> how long it will be in range. That kind of thing.
>
> As well I know that you can listen to ISS, I think it is listen only, on
> 143.625, but are there any other frequencies that are available for
> communication with them??
>
> Thanx. I am kind of new to the satellite communication thing so I do need a
> little help sometimes!

2885. Re: Space Station Alpha begins testing 2-meter Amateur Radio Station

Newsgroup: rec.radio.amateur.space
Date: 2000-11-15 06:12:14 UTC
From: Glenn <glenn.hansen@usa.net>
Message-ID: <2PpQ5.25114$U46.906229@news1.sttls1.wa.home.com>
Source record: 7807

Crew talked the ground into it when they arrived.

Glenn

"Eavesdropper" <ian@eavesdropper.worldonline.co.uk> wrote in message
news:3a1208c3@news.server.worldonline.co.uk...
> When did anybody start calling it ALPHA again?, I thought that name was
> dropped ages ago for simply "the international space station"
>
> curious
>
> ian
>
> ps: i note in the other thread you are up awaiting arianne launch...me too
> shame about delay :-(.
>
>
> "N1RZ" <n1rz@timhavens.com> wrote in message
> news:29lQ5.1950$3u4.21501@e420r-sjo2.usenetserver.com...
> > Space Station Alpha begins testing 2-meter Amateur Radio Station
> >
> > November 14, 2000
> >
> > By Miles Mann WF1F,
> > MAREX-NA (Manned Amateur Radio Experiment, North American Division)
> >
> > Space Station Alpha on 2-meters:
> > Yesterday the International space Station Alpha began testing the crew's
> > new Amateur Radio station on the 2-meter band. The Amateur Radio
> > station is used by the ISS crews during their fee time to provide the
> > crews with an extra way to entertain them selves and to talk to school
> > children during pre-arranged school schedules. The Russians have been
> > using Amateur radio on Mir since 1988 and have found it to be very
> > beneficial for crews on long duration missions. The Mir Amateur radio
> > was even used as a emergency comminations link on many occasions, and I
> > have even heard rumors the amateur radio link on the NASA Shuttle was
> > used to inform the Shuttle crew of an antenna switch problem which
> > disconnected the Shuttle from the normal voice channels.
> >
> > The testing of the Amateur radio station initially took place while ISS
> > was over Russia during two prearranged test orbits.
> > 1 pass 6:17-6:25 UTC (9:17-9:25 MSK)
> > 2 pass 8:53-9:03 UTC
> >
> > The Amateur Radio station on ISS consists of a commercial grade hand

> > held radio called a HT. The radio operates in the ITU satellite portion
> > of the amateur radio 2-meter band 144.000 - 146.000. The exact
> > frequencies used during the test are of course a closely guarded secret,
> > however when testing is completed the radio will be placed on one of the
> > published public channels. The ISS Amateur Radio station is not
> > currently open to the public at this time.
> >
> > Russian view of the test:
> > The club station R3K at RSA Energia in Korolev Russia (near Moscow) was
> > equipped with two different 2-meter radio stations to simulate typical
> > amateur radio home stations. One station is what we call an Oscar class
> > station and the other a typical home station.
> >
> > Station #1:
> > Transceiver, Oscar Class 180 watts RF FM. Antenna 20 element Circular
> > polarized, gain approximately 9+ dBd, Approximate ERP 1440 watts
> >
> > Station #2:
> > Transceiver, Mobile Class 50 watts RF FM. Antenna, Vertical collinear 7
> > meters in length, gain aprox 6 dBd, Approximate ERP 200 watts.
> >
> > The first pass test used the big station #1. This orbit was a low orbit
> > pass, only getting 28 degrees above the horizon, and its closest
> > approach to the station was just over 700 kilometers. Cosmonaut Musa
> > U2MIR was to be the first person in the club station to make the
> > contact, however Musa was a little late for the schedule. So the task
> > fell upon Sergej Samburov RV3DR to make the first contact with ISS via
> > Amateur Radio. (Sergej Samburov is also the manager of the club station
> > at RSA and the club station on ISS.) The initial contact took place on
> > schedule and the microphone was quickly passed around the room to the
> > other present, including Vladimior Zagainov, UA3DKR and Eugene Labutin,
> > RA3APR. The audio and signal quality were excellent, we use the term
> > DFQ, Darn Full Quieting. The contact lasted 10 minutes as the space
> > station traveled from horizon to horizon. A strong signal was
> > maintained during the whole 2-way conversation.
> >
> > The second test orbit used the lower power station with a smaller
> > antenna. This orbit was also a low orbit pass, only getting 28 degrees
> > above the horizon, and its closest approach to the station was just over
> > 700 kilometers. On occasions you may get an orbit directly over your
> > house and the station will be only 400 kilometers away.
> > The signal quality was noticeably lower and there was considerable noise
> > on the signal during the beginnings and end of the 10 communications
> > pass. The difference in signal strength was primarily because of the
> > lower gain antenna on the club station. The bigger the antenna, the
> > more signal you can pull in. The ISS crew and club station member
> > enjoyed another 10 minute conversation and declared the initial voice
> > testing of the Amateur Radio station a success. Cosmonaut Mikhail Turn
> > was present during the testing. It will be Mikhail job to install the
> > new Amateur Radio antenna on ISS during his expedition 3 ISS mission in

> > 2001.
> >
> > After the test Sambrov and I discuss the signal quality and compared it
> > to the Russian Space station Mir. The Mir station had a slightly better
> > antenna and it had the ability to select different transmitter power
> > levels with the Kenwood TM-733 settings of 5,10 and 50 watts output. To
> > help conserve power, the Mir station was usually kept on the 5 watt
> > setting. The signal quality results of this ISS test were similar to
> > signal quality reports from Mir, when Mir was using the 5-watt setting.
> > The ISS transceiver has an estimated ERP transmitter value of 1.5
> > watts. These results are still preliminary. However, it looks like
> > stations with a zero gain antenna will be able to hear ISS and will be
> > able to establish 2-way connections on good close orbit passes. Sergej
> > then said, there are plans to upgrade the antenna system on ISS during
> > expedition #3 mission, with an antenna system specifically designed for
> > the amateur radio bands. There are also tentative plans to upgrade the
> > transceiver on ISS to a 50-watt class transceiver (pending many
> > approvals).
> >
> > For more information on this mission please check the NASA web pages.
> > http://spaceflight.nasa.gov/index-n.html
> >
> > ISS ALPHA visibility:
> > The NASA web page has a program, which will calculate the potential for
> > being able to visually see the ISS ALPHA as it passes over your city.
> > They have a listings for many different cities and countries.
> > http://spaceflight.nasa.gov/realdata/sightings/
> >
> > International Space Station Alpha Amateur Radio Call signs:
> > The ISS ALPHA is keeping the international flair by hosting several
> > amateur radio call signs from around the world, and the list keeps
> > growing. So far the ISS ALPHA has 4 calls signs from three different
> > countries, Russia, USA and Germany. Also each of the crewmembers of
> > expedition 1 has their own personal Amateur Radio call sign. One NASA
> > engineer sent a message to the ISS crew saying, "You guys can use what
> > ever [Amateur Radio] call sign you want".
> >
> > William Shepherd, Expedition commander, KD5GSL
> > Yuri Gidzenko, Soyuz commander (pending)
> > Sergei Krikalev, flight engineer, U5MIR
> > Russian Module call sign: RZ3DZR
> > Other club call signs ISS used: RS0ISS, NA1SS and DL0ISS ALPHA
> >
> > Suggested receiving station:
> > Casual listening for ISS ALPHA and Mir
> > 2-meter vertical or scanner antenna (0 dBd or better)
> > Police scanner or amateur radio with the ability to receive in the 144 -
> > 146 mc or MHz range, FM mode. Antenna cable should be a low loss RG-8
> > style cable less than 100 feet long (RG-213 best choice). You will not
> > need to mount the antenna very high, just try to get above the roof

> > ridgeline. And of course you will need to find / buy a satellite
> > tracking program. I recommend the InstantTrack 1.5. It's a simple easy
> > to use program, which can be purchased from Amsat.
> > http://www.amsat.org/amsat/instanttrack/
> >
> > ISS ALPHA frequencies:
> > The Amateur Radio frequencies for ISS ALPHA have been posted.
> > Worldwide downlink for voice and packet: 145.800
> > Worldwide packet uplink: 145.990
> > Region 1 voice uplink: 145.200
> > Region 2 & 3 voice uplink: 144.490
> >
> > You will need to dig out the manual for your radio and program in the
> > following frequency combinations. Note that some of the older FM mobile
> > and Walkie-talkie HT style radios over 15 years old may have some
> > difficulty in saving these combinations into memory. The channels
> > listed below will help you compensate for the speed of the space
> > station, called Doppler. If the smallest channel step your radio
> > supports is 5k, then only program in channels 2, 5 and 8. If your radio
> > supports the smaller 2.5k channel step, then program in all channels
> > listed. After you have determined your smallest channel step supported
> > by your radio, then program in the channels. You can either use the
> > procedures for storing ODD-Splits or you can reprogram your repeater off
> > set for each of the channels and then save the new combination in a new
> > memory location. This channel procedure has been successfully used on
> > the Mir Amateur Radio program for years and is the choice of usage for
> > school schedules (you do not want to fiddle with VFO's during a
> > 10-minute pass). I also recommend you program in all channels, no mater
> > what part of the world you live in. The World Map ISS ALPHA location
> > display used by the ISS ALPHA crew is not located next to the Amateur
> > Radio station.
> >
> > Voice operations Region 2 & 3 (North and South America and Pacific)
> > Chan Receive Transmit Offset (Meg)
> > 1 145.802.5 144.487.5 -1.315
> > 2 145.800.0 144.490.0 -1.310
> > 3 145.798.5 144.492.5 -1.306
> >
> > Packet operations Regions 1, 2 & 3 (Europe, North and South America and
> > Pacific)
> > Chan Receive Transmit Offset (Meg)
> > 4 145.802.5 145.987.5 +0.185
> > 5 145.800.0 145.990.0 +0.190
> > 6 145.798.5 145.992.5 +0.194
> >
> > Voice operations Region 1 (Europe)
> > Chan Receive Transmit Offset (Meg)
> > 7 145.802.5 145.197.5 -0.605
> > 8 145.800.0 145.200.0 -0.600
> > 9 145.798.5 145.202.5 -0.596

> >
> > Usage Example:
> > Lets assume ISS ALPHA is approaching for a good 10 minute over head
> > pass, running Packet. When ISS ALPHA comes over the horizon the Doppler
> > frequency error will initially be 3.5k plus 145.990 = 145.993.5. This
> > means the frequency ISS ALPHA will appear to be transmitting on is
> > 145.993.5. Set your radio to channel #4 for the first 3 minutes of the
> > pass. Then for the next 3 minutes use channel #5 and for the last three
> > minutes use channel #6. Follow the same procedure for Voice
> > operations. Since we are using the Mode FM, we do not have to have our
> > Transmit and receive frequency exactly on frequency. We can be off
> > frequency 1-2khz and still get reliable Voice and Data. The MAREX-NA
> > team has been using this procedure for 10 years with excellent results.
> >
> > QSL card:
> > A QSL card is a post card, which you can request to confirm you made a
> > two-way or heard the crew on the Amateur Radio band. The QSL procedure
> > for ISS ALPHA is under development, please check the AIRSS web pages for
> > the latest updates and QSL procedures for ISS ALPHA.
> > http://arISS Alpha.gsfc.nasa.gov/
> >
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> > profit including, but not limited to, CD ROMs, books, and/or other
> > commercial outlets without prior written consent from the author.
> > Images received from the MAREX-NA SSTV system on the Russian Space
> > Station Mir are considered public domain and may be freely distributed,
> > without prior permission.
> >
> > DOSVIDANIYA Miles WF1F
> > ----
> > Via the sarex mailing list at AMSAT.ORG courtesy of AMSAT-NA.
> > Via N1RZ to the rec.radio.amateur.space news group.
> >
> >
> >
> >
>
>

2886. Phase 3 D - Congratulations to AMSAT

Newsgroup: rec.radio.amateur.space
Date: 2000-11-16 00:00:00 UTC
From: cesare <cecaprar@tin.it>
Message-ID: <8v0ii6$ae6$1@nslave3.tin.it>
Source record: 7824

Congratulations to AMSAT from the Italian satellite amateur radio !!!
Looking forward to see the P3D operative sometime in the near future. All
the best and good wishes to all the Sat people ! Cesare I2JZ Milan (ITALY)
i2jz@amsat.org cecaprar@tin.it

2887. Anyone hear the P3D beacon yet?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-16 00:00:00 UTC
From: jimmy john <jj@sandwitch.org>
Message-ID: <4A8A59F2BDCDD311BFC800508BA36AC80580CDC8@www.indianarep.com>
Source record: 7825

Should have made its first pass over north america..

2888. Re: Anyone hear the P3D beacon yet?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-16 00:00:00 UTC
From: jflanders2@home.com
Message-ID: <3a140507.2403302466@news>
Source record: 7826

What freq is the beacon on?

AMSAT website lists several beacon freqs. Are they all operational?

Jerry W4UK

On Thu, 16 Nov 2000 10:15:20 -0500, "jimmy john" <jj@sandwitch.org>
wrote:

>Should have made its first pass over north america..
>
>

2889. P3D new KEPLER??

Newsgroup: rec.radio.amateur.space
Date: 2000-11-16 00:00:00 UTC
From: Franko <hb9oab>
Message-ID: <8v11vnkrc1@bw107zhb.bluewin.ch>
Source record: 7827

Please new kepler for P3D?
tnx

hb9oab@amsat.org

Wlog2000Team Management
www.wlog2000.com

2890. Re: Anyone hear the P3D beacon yet?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-16 00:00:00 UTC
From: Eavesdropper <ian@eavesdropper.worldonline.co.uk>
Message-ID: <3a140de1@news.server.worldonline.co.uk>
Source record: 7828

apparently it will take up to 270 days before it reaches is proper orbit !!.

you may have to wait a while before you can "really" use it.:-)

ian.

"Jerry Flanders" <jflanders2@home.com> wrote in message
news:3a140507.2403302466@news...
> What freq is the beacon on?
>
> AMSAT website lists several beacon freqs. Are they all operational?
>
> Jerry W4UK
>
> On Thu, 16 Nov 2000 10:15:20 -0500, "jimmy john" <jj@sandwitch.org>
> wrote:
>
> >Should have made its first pass over north america..
> >
> >
>

2891. P3D is transmitting!!

Newsgroup: rec.radio.amateur.space
Date: 2000-11-16 00:00:00 UTC
From: Stefan Wagener <stefan@msu.edu>
Message-ID: <8v11t9$1g6u$1@msunews.cl.msu.edu>
Source record: 7829

P3D is transmitting!!!

Here you go (copied from the AMSAT mailinglist):

Subject: [amsat-bb] P3D telemetry

Frequency: 145.898 MHz

K HI, This is Amsat Phase 3D, the international spacecraft to
support science/education, amateur space communication and
above all international friendship.

****
* THANKS KARL *
****

L HI, Hier ist Amsat Phase 3D, der intern, Satellit zur
Foerderung von Wissenschaft, Amateurfunk und vor allem
internationaler Freundschaft und Zusammenarbeit.

****
* DANKE KARL *
****

M QST AMSAT PHASE 3-D DP0WH

IN MEMORIAM
WERNER HAAS, DJ5KQ

Vice President AMSAT-DL
+ 13.06.2000 +

N HI, Ici Amsat Phase 3D satellite international pour
support a la recherche scientifique, aux amateurs de
communication spatiales ainsi qu'ai tous les amis
d'une cooperation internationale.

****
* MERCI KARL *
****

########## P3D IHU-1 Telemetry Display - OE1KIB, OE1VKW
##################
A HI, THIS IS AMSAT P3-D 2000-11-16 12:21:03 #0010
+--+
| P3D is alive and well!! 73 from the AMSAT P3D Team |
+--+

_____ Orbit data
_____
AMSAT day 08355 Time 12:21:03.82 UTC Orbit No 00000 Phase 237
_____ Status
_____
RX: U(-1.3dB) L1(0.7dB)
TX: V(0x7eW MB)
Beacons: GB(PSK;) MB(EB source; V)
Antennas: #129=0xae
Ant/Pre-amps: U-Rx=om U-Tx=hi L-om+preamp
Experiments: IHU-2 Cedex-ctrl Cedex-pwr
Main battery on; Charger on; Memory soft error count: 4
_____ Temperatures [°C]
_____
SolPan1 -5.8 SolPan2 4.8 SolPan3 5.4 SolPan4 4.8 SolPan5
4.8
BCR1 10.7 BCR2 19.3 BCR3 16.0 SolPan6
- -5.1
MainBatB2 20.6 MainBatB4 20.6 MainBatB6 -5.8 AuxBatB1 16.6 AuxBatB5
19.3
V-TX 36.4 U-Excit 15.3 U-Amp 17.9 S1-TX 21.2 S2-TX
21.2
X-TX 86.5 X-TX TWT 88.9 K-TX -51.2
U&V-RX 21.2 L1-RX 19.9 L2-RX 12.7 S1-HF RX 14.7 S2-C RX
14.0
IHU 5.4 SEU 4.1 EPU 19.9 RF monit -51.2 S ant
18.6
HP1+X-Y 17.3 HP2+X+Y 22.6 HP2+X-Y 22.6 HP2-X 23.2
HP3+X 19.9 HP3-X 20.6 HP4+X+Y 21.9
NH3 B2 22.6 MMH B3 22.6 N2O4-X-Y 22.6 N2O4+X+Y 21.2 He Tank
27.2
Top 50.9 Bottom 17.9 Back 14.0 Side2Pan 11.4 Side4Pan
10.7
_____ Voltages [V]
_____
Main-Bat 27.6 Aux-Bat 27.2 BCR1-In 25.7 BCR2-In 21.5 BCR3-In
17.0
28V Bus 27.3 10V-C1 BCR2 12.5 10V-C2 BCR3 12.6
_____ Currents [mA]
_____
SP1-BCR1 2421 SP4-BCR2 7998 SP2-BCR3 89
SP6-BCR1 6781 SP5-BCR2 89 SP3-BCR3 89
10V-C1 BCR2 213 10V-C2 BCR3 350 28V-S SEU 0x07
28V-Bat -914 28VU1EPU -1 28VU2Bus 6353 28VU3-S -18 28V-BCR
5081
28VS-PA/M -33 10VS-PA/M 0x07 X-Helix 3 K-Tx 0x07
_____ Sun/Earth Sensors
_____
Sensor mode: spin

SS1 PLL: locked SS2 count: 41SpinRate[rpm] 2.7
SS Z -25 -27 SS Y -25 -27 SS Up -X 3 SS Up -Y 3
SS Z -45 -47 SS Y -45 -47 SS Dwn -X 3 SS Dwn -Y 3
_____ Momentum Wheels
_____
_____ Arcjet Motor
_____
Tank Pressure 4Bar Motor Pressure 5Bar
Motor Current 0.2A Motor Voltage -237.4V Flow 0x07
_____ 400 N Motor
_____
Motor valve: closed High pressure: -169Bar Low pressure: -0Bar
########## P3D IHU-1 Telemetry Display --- End of Block
##################

Congrats to the whole team!
Vy 73, Viktor OE1VKW
- ----
Via the amsat-bb mailing list at AMSAT.ORG courtesy of AMSAT-NA.
To unsubscribe, send "unsubscribe amsat-bb" to Majordomo@amsat.org

----

Date: Thu, 16 Nov 2000 22:20:02 +0900
From: "JJ1WTK K.Sakamoto" <jj1wtk@jamsat.or.jp>
Subject: [amsat-bb] P3D 400bps PSK beacon

12:45z on Nov.16, JN1GKZ Masahiro heard the very loud long for 400bpsPSK
sound on 145.900, must be from P3D.
Then Imaishi JF6BCC, Masaji JH3BUM, Katsumi JH0TOG/9, Jun-ichi JH5AKH
reported also on JAMSAT list. Several minutes after 10z it got LOS in
JAPAN.

Anyway, Congraturations!

- ----
Via the amsat-bb mailing list at AMSAT.ORG courtesy of AMSAT-NA.
To unsubscribe, send "unsubscribe amsat-bb" to Majordomo@amsat.org

2892. Re: Anyone hear the P3D beacon yet?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-16 00:00:00 UTC
From: Christopher Cox <cobox@urec.net>
Message-ID: <01c04fe4$277e4ba0$78c8a8c0@CBX-NT>
Source record: 7830

Lots of telemetry being sent on 145.898.

The 70cm beacon seems to be in trouble, but the bird seems to be in great shape!

Regards

Christopher Cox

2893. 3D Keplerians

Newsgroup: rec.radio.amateur.space
Date: 2000-11-16 00:00:00 UTC
From: K1SWR <fleet@mbl.edu>
Message-ID: <3A141572.717136AB@mbl.edu>
Source record: 7831

Is there keps available yet and if so where can I download them?

73, K1SWR

-

2894. Amsat P3D is up and on 145.897mHz PSK.

Newsgroup: rec.radio.amateur.space
Date: 2000-11-16 00:00:00 UTC
From: vlfiscus@mcn.net
Message-ID: <t1860ain4fsufc@news.supernews.com>
Source record: 7832
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Strong signal. And all appears to be in good shape so far.

73 de KB7ADL

2895. Re: Anyone hear the P3D beacon yet?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-16 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9186o0.528.nomail@linux.pe1chl.ampr.org>
Source record: 7833

jimmy john <jj@sandwitch.org> wrote:
>Should have made its first pass over north america..

It is on 145.898

Rob
--
+--------------------------------+-------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+-------------------------------------+

2896. Re: P3D new KEPLER??

Newsgroup: rec.radio.amateur.space
Date: 2000-11-16 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn918731.528.nomail@linux.pe1chl.ampr.org>
Source record: 7834

Franko <hb9oab[NOSPAM]@amsat.org> wrote:
>Please new kepler for P3D?
>tnx

Please be patient!
Or do some research yourself and find the preliminary keps:

Phase 3D
1 93400U 321.07636550 .00000001 00000-0 12567-4 0 14
2 93400 6.5034 247.6325 7357988 175.9296 13.3886 2.02435417 19

Rob
--
+---------------------------------+-------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+---------------------------------+-------------------------------------+

2897. MIR de-orbit 26th-28th Feb

Newsgroup: rec.radio.amateur.space
Date: 2000-11-16 00:00:00 UTC
From: Eavesdropper <ian@eavesdropper.worldonline.co.uk>
Message-ID: <3a143735@news.server.worldonline.co.uk>
Source record: 7835

Heard on the news today theRussian Gov has said that MIR is set to be de-orbited between Feb 26th and 28th over an area near Australia with a minor risk of some debris hitting ground.

About time too, maybe if they had done this earlier the ISS would notbe so delayed!.

Oh well, bye MIR she done a good job !

ian k.

2898. which stallite track software better ?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-16 00:00:00 UTC
From: ta2ad <ta2ad@yahoo.com>
Message-ID: <3a144581@post.usenet.com>
Source record: 7836

**** Post for FREE via your newsreader at post.usenet.com ****

please help
software name and adress
73`s A . Sua TORTU TA2AD

-=
*** Usenet.com - The #1 Usenet Newsgroup Service on The Planet! ***
http://www.usenet.com
-=

2899. Re: which stallite track software better ?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-16 00:00:00 UTC
From: Eavesdropper <ian@eavesdropper.worldonline.co.uk>
Message-ID: <3a145a33@news.server.worldonline.co.uk>
Source record: 7837

I would personally reccomend Nova for windows, there are many to choose from
if it is a free one you want try Winorbit that is quite capable.

do a search on the web and read.

ian k.

"ta2ad" <ta2ad@yahoo.com> wrote in message news:3a144581@post.usenet.com...
> **** Post for FREE via your newsreader at post.usenet.com ****
>
> please help
> software name and adress
> 73`s A . Sua TORTU TA2AD
>
>
>
> -=
> *** Usenet.com - The #1 Usenet Newsgroup Service on The Planet! ***
> http://www.usenet.com
> -=

2900. ISS and Sunsat Frequencies needed

Newsgroup: rec.radio.amateur.space
Date: 2000-11-16 00:00:00 UTC
From: sbcmusic@aol.com
Message-ID: <20001116180704.22455.00000279@ng-ff1.aol.com>
Source record: 7838

Hi, all, for some reason tonight I can't access the web, although I can access Email and newsgroups......that's the reason for my post, otherwise I'd go to amsat.org and get it......

I need the uplink and downlink frequencies for ISS and Sunsat.....I'm leaving for the Great Smoky Mountains in the mornings and would like to have the info before I head out......I'm anxious to see how a 6,000 foot antenna helps with satellites :)))

I guess AO27 and 14 would help too :)))

Thanks, y'all
Rick N9GSU

2901. Did the beacon on P3D turn off around 6:24 EST?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-16 00:00:00 UTC
From: "3.14159265358979323846264338327 95" <rfspace@yahoo.com>
Message-ID: <U4_Q5.9621$0X4.2013135@typhoon.southeast.rr.com>
Source record: 7839

It looks like the 145.900 beacon has been turned off around 6:24 pm EST.

N4IP

2902. Re: which stallite track software better ?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-16 00:00:00 UTC
From: user
Message-ID: <sou81t42mocm41im793tg5ctt5t4f2f5co@4ax.com>
Source record: 7840

```
>please help
>software name and adress
Satscape is a freeware satellite tracker. Available from:
http://www.satscape.co.uk/
--
Eddie Seymour,WB4MLE
Delete the capital letters:
wb4mleAT@mindspringDOT.com
```

2903. Re: ISS on 143.625

Newsgroup: rec.radio.amateur.space
Date: 2000-11-16 00:00:00 UTC
From: ik7565@erols.com
Message-ID: <3A14981F.D710E0FE@erols.com>
Source record: 7841
Cross-posted to: rec.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.misc,alt.ham-radio.vhf-uhf,alt.radio.scanner

uplink in Region 2 is 144.49 according to
http://ariss.gsfc.nasa.gov/ExpeditionOne/

Reed Park wrote:
>
> 143.625 is the Beacon frequency.
>
> Uplink is 144.900 with downlink of 145.800
>
> 7 3
> Reed
>
> --
>
> ARROW Research (Avro CF-105)
> Reed Park
> 252 Gauvin Road
> Dieppe, New Brunswick
> Canada E1A1M1
>
> Amateur Radio VE1NU
> WW II, # 19 SET user
> I.C.Q. # 4138282

2904. P3D UP AT LAST !!!

Newsgroup: rec.radio.amateur.space
Date: 2000-11-16 01:16:25 UTC
From: Eavesdropper <ian@eavesdropper.worldonline.co.uk>
Message-ID: <3a13356e@news.server.worldonline.co.uk>
Source record: 7820

At around 01:07 GMT Amsat P3D amateur satellite has taken off succesfully from Kouru, lets hope that all goes well during orbit setting and testing phases.

CONGRATULATIONS !!

to all those involved, lets hope we can all make good use of it !!.

Ian K.

2905. well done amsat

Newsgroup: rec.radio.amateur.space
Date: 2000-11-16 01:51:42 UTC
From: adrian <ady@g7wfm.co.uk>
Message-ID: <x7HQ5.2166$B02.46438@news6-win.server.ntlworld.com>
Source record: 7821

well done to all at amsat,saw the launch on the web (live) look forward to
hearing her and useing it,
all the best G7wfm

--
Visit the uk's first internet link to Ham radio @ www.g7wfm.co.uk
Get paid to Surf www.alladvantage.com Quote:tpa004 when signing up.

2906. Re: well done amsat

Newsgroup: rec.radio.amateur.space
Date: 2000-11-16 01:56:37 UTC
From: Cathryn Mataga <cathrynm@junglevision.com>
Message-ID: <3A133DD8.19958A14@junglevision.com>
Source record: 7822

adrian wrote:
>
> well done to all at amsat,saw the launch on the web (live) look forward to
> hearing her and useing it,
> all the best G7wfm
>
> --
> Visit the uk's first internet link to Ham radio @ www.g7wfm.co.uk
> Get paid to Surf www.alladvantage.com Quote:tpa004 when signing up.

Yeah, hot damn. It's nice to get some good news in this hobby.
I saw the separation live on the web. Hopefully they'll show
the launch again.

2907. Re: well done amsat

Newsgroup: rec.radio.amateur.space
Date: 2000-11-16 02:59:22 UTC
From: Glenn <glenn.hansen@usa.net>
Message-ID: <e4IQ5.29818$U46.994005@news1.sttls1.wa.home.com>
Source record: 7823

After all this time I hope the filaments light up in the tubes and they remembered to feed updated punch cards into the computer. :-)

SputniK 3D here we come! Sure looked good when it launched.

To those that worked on it and lived long enough to see it launch, thank you very much!

Glenn

"Cathryn Mataga" <cathrynm@junglevision.com> wrote in message news:3A133DD8.19958A14@junglevision.com...
>
>
> adrian wrote:
> >
> > well done to all at amsat,saw the launch on the web (live) look forward to
> > hearing her and useing it,
> > all the best G7wfm
> >
> > --
> > Visit the uk's first internet link to Ham radio @ www.g7wfm.co.uk
> > Get paid to Surf www.alladvantage.com Quote:tpa004 when signing up.
>
>
> Yeah, hot damn. It's nice to get some good news in this hobby.
> I saw the separation live on the web. Hopefully they'll show
> the launch again.

2908. Re: P3D new KEPLER??

Newsgroup: rec.radio.amateur.space
Date: 2000-11-16 23:19:49 UTC
From: Franko <hb9oab>
Message-ID: <8v1q2m$193$1@bw107zhb.bluewin.ch>
Source record: 7842

to be simple....

OSCAR 40 / AO-40
1 93400U 00321.07636550 .00000001 00000-0 12567-4 0 14
2 93400

bye

"Rob Janssen" <nomail@rob.knoware.nl> ha scritto nel messaggio
news:slrn918731.528.nomail@linux.pe1chl.ampr.org...
> Franko <hb9oab[NOSPAM]@amsat.org> wrote:
> >Please new kepler for P3D?
> >tnx
>
> Please be patient!
> Or do some research yourself and find the preliminary keps:
>
> Phase 3D
> 1 93400U 321.07636550 .00000001 00000-0 12567-4 0 14
> 2 93400 6.5034 247.6325 7357988 175.9296 13.3886 2.02435417 19
>
> Rob
> --
> +--------------------------------+--------------------------------------+
> | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
> | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
> +--------------------------------+--------------------------------------+

2909. Re: P3D new KEPLER??

Newsgroup: rec.radio.amateur.space
Date: 2000-11-16 23:21:52 UTC
From: Franko <hb9oab>
Message-ID: <8v1q6h$19a$1@bw107zhb.bluewin.ch>
Source record: 7843

Simple....

OSCAR 40 / AO-40
1 93400U 00321.07636550 .00000001 00000-0 12567-4 0 14
2 93400 6.5034 247.6325 7357988 175.9296 13.3886 2.02435417 19

bye

"Rob Janssen" <nomail@rob.knoware.nl> ha scritto nel messaggio
news:slrn918731.528.nomail@linux.pe1chl.ampr.org...
> Franko <hb9oab[NOSPAM]@amsat.org> wrote:
> >Please new kepler for P3D?
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> Please be patient!
> Or do some research yourself and find the preliminary keps:
>
> Phase 3D
> 1 93400U 321.07636550 .00000001 00000-0 12567-4 0 14
> 2 93400 6.5034 247.6325 7357988 175.9296 13.3886 2.02435417 19
>
> Rob
> --
> +---------------------------------+--------------------------------------+
> | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
> | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
> +---------------------------------+--------------------------------------+

2910. Re: MIR de-orbit 26th-28th Feb

Newsgroup: rec.radio.amateur.space
Date: 2000-11-17 00:00:00 UTC
From: Disposable Hero <NoFixxxer@XHotmail.com>
Message-ID: <cI7R5.502770$1h3.13993164@news20.bellglobal.com>
Source record: 7750

I'm going to Miss MIR. I spent Many nights up into the wee hours of the
morning trying to contact her. Those were the days.

"Eavesdropper" <ian@eavesdropper.worldonline.co.uk> wrote in message
news:3a143735@news.server.worldonline.co.uk...
> Heard on the news today theRussian Gov has said that MIR is set to be
> de-orbited between Feb 26th and 28th over an area near Australia with a
> minor risk of some debris hitting ground.
>
> About time too, maybe if they had done this earlier the ISS would notbe so
> delayed!.
>
> Oh well, bye MIR she done a good job !
>
> ian k.
>
>

2911. Re: MIR de-orbit 26th-28th Feb

Newsgroup: rec.radio.amateur.space
Date: 2000-11-17 00:00:00 UTC
From: N1RZ <n1rz@timhavens.com>
Message-ID: <TKaR5.58718$Ds3.453237@e420r-sjo3.usenetserver.com>
Source record: 7751

November 17, 2000
Russia to de-orbit Mir in February
American tourist Tito will not fly to station

By Jim Heintz
Associated Press Writer
MOSCOW (AP) -- Russia's Cabinet decided Thursday that the space station Mir will end its 15 years of pioneering achievements and white-knuckle mishaps with a fiery plunge into the Pacific Ocean in February.

Mir's successes and tribulations mirrored the epochal changes that shook Russia during its time aloft, and ditching it in a remote corner of the sea 900 to 1,200 miles off Australia will extinguish a potent symbol for many Russians.

But Mir is deteriorating, foreign investors who bought the station an eleventh-hour reprieve this year haven't met their commitments, and Russia wants to concentrate its revenues on the 16-nation international space station, which received its first crew last month, Russian Space Agency chief
Yuri Koptev said.

Koptev said it would be unsafe to leave Mir aloft without new, expensive missions to refurbish it.

"This year has already been rich with disasters," he said. "We must not encourage new attacks and speculations aimed against our country."

Russia's one-time image of technological prowess was severely tarnished this year by the sinking of the nuclear submarine Kursk and the fire that engulfed
Moscow's TV tower, one of the world's tallest structures.

Russia also was embarrassed by the funding problems that caused it to fall years behind in launching a key module of the NASA-led international space station. But its launch this summer, followed by the station's first Russian-American crew arriving in a Russian space capsule, has restored some of Russia's pride.

For years, NASA has been urging Russia to concentrate its funds on the international project.

"Our concern has only been that the Russians have adequate resources to support their commitments to the international space station," NASA spokeswoman Debra Rahn said Thursday at the space agency's Washington headquarters.

"We've always said the decisions on Mir are the sole purview of the Russian government," she said.

When Mir was launched Feb. 20, 1986, it was the epitome of achievement for the Soviet Union, which had already launched the world's first satellite and put both the first man and first woman in orbit.

The first of a series of mishaps that were to bedevil Mir took place only a year later: the station's second module, Kvant 1, was unable to link up because of an "alien object" blocking the docking port. The object, later reported to be a plastic bag, was removed during an unscheduled spacewalk by the crew.

In 1991, an unmanned cargo ship lost control during its approach to Mir and nearly smashed into it. Over the next few years, the station ran smoothly even if the Soviet Union didn't. Cosmonaut Sergei Krikalev got the unusual distinction of being a Soviet citizen when he blasted off in 1991 and a Russian citizen when he returned in 1992.

Cosmonaut Valeri Polyakov set a space endurance record by staying aboard for 438 days in 1994-95.

But 1997 changed Mir's image to a space jalopy. An oxygen-generating canister
burst into flames, nearly forcing the crew to abandon ship. A cargo ship rammed Mir, piercing one of the modules and forcing the crew to seal it off before too much air leaked out. Computers failed twice, and the station went adrift after a cosmonaut inadvertently disconnected a power plug.

In 1999, Russia said it lacked the money to keep Mir aloft and planned to ditch it over the winter. But the private, Netherlands-based MirCorp leased time on Mir and promised to pay for its operation.

While MirCorp financed a mission to Mir earlier this year, it has failed to meet other commitments, forcing the government to divert funds intended for the international station, Koptev said.

"We cannot continue this game ... which I call Russian roulette. We simply don't have the right to do that, because we are a government agency responsible for the safety of Mir," he said.

American businessman Dennis Tito, who had hoped to travel to Mir as a "space tourist" under a deal with MirCorp and has already spent $1 million in training, will not be sent to the station, Koptev said.

MirCorp representatives did not respond to telephone messages seeking comment.

The company, which said the space station had wide commercial potential, had said it aimed to raise about $120 million through a stock offering next year,
but Koptev indicated Thursday's decision to bring Mir down would not be reversed even if new money appeared.

Prime Minister Mikhail Kasyanov told Thursday's Cabinet meeting that safely discarding Mir is an international commitment for Russia.

A Soviet satellite crashed into northern Canada in 1978, scattering radioactive fragments over a wide area. A year later, the unoccupied U.S. Skylab space station fell to Earth when its orbit deteriorated faster than expected, scattering debris over western Australia. No one was hurt in either
incident.

Koptev said an unmanned cargo ship would be sent to Mir in January and in February the cargo ship would fire its rockets to push the station quickly into the atmosphere.

Via the sarex mailing list at AMSAT.ORG courtesy of AMSAT-NA.
Via N1RZ

2912. Re: ISS on 143.625

Newsgroup: rec.radio.amateur.space
Date: 2000-11-17 00:00:00 UTC
From: Gerry Wheeler <gwheeler@vmguys.com>
Message-ID: <8v3en4$ge5$1@nnrp1.deja.com>
Source record: 7752
Cross-posted to: rec.radio.scanner,alt.radio.scanner,rec.radio.amateur.space,rec.radio.amateur.misc

I've started using RecAll to catch whatever I can. That's a voice-activated recording program for Windows. I leave the scanner on, set to 143.625, connected to the PC, with RecAll running. One hint, though -- disable the power down mode of your PC. I discovered that the sound card powers down, too, and nothing gets recorded. Duh.

Question for those who know: If I'm using a stock scanner, with either the rubber duck or a extendable antenna, am I better to place the antenna horizontally so it receives from "up there"? I'm thinking I should lay it along a north/south axis, so it will receive from the east to west horizon. Thoughts?

Gerry

In article <ToBN5.25291$Pw6.1957793@newsread1.prod.itd.earthlink.net>, "Scott Harvey" <sharveymead@earthlink.net> wrote:
> With the manning of the International Space Station has come new activity on
> the Russian Space Programs VHF downlink frequency, 143.625.

Sent via Deja.com http://www.deja.com/
Before you buy.

2913. Wanted TimeWave DSP 2232 or PK232DSP

Newsgroup: rec.radio.amateur.space
Date: 2000-11-17 00:00:00 UTC
From: webmaster@badgersoft.org
Message-ID: <o3bR5.13399$Ry5.1805675@news3.cableinet.net>
Source record: 7753

Hi,

Does anyone have on of these devices for sale?

Ideally in the UK but would consider else where in the world.

regards

Dave Johnson
G4DPZ

2914. Re: MIR de-orbit 26th-28th Feb

Newsgroup: rec.radio.amateur.space
Date: 2000-11-17 00:00:00 UTC
From: Eavesdropper <ian@eavesdropper.worldonline.co.uk>
Message-ID: <3a154d2e@news.server.worldonline.co.uk>
Source record: 7754

Can't say I am sorry about Mr. Tito losing his chance to go on Mir thats one
less person in space who is merely trying to "buy" there way there instead
of working it like others have to.

Maybe one little spoke in the wheel of corporate exploitation of space it
has been proved too many times that they only damage things here on Earth
best they leave space alone.

Just my opinion.

ian k.

"N1RZ" <n1rz@timhavens.com> wrote in message
news:TKaR5.58718$Ds3.453237@e420r-sjo3.usenetserver.com...
> November 17, 2000
> Russia to de-orbit Mir in February
> American tourist Tito will not fly to station
>
> By Jim Heintz
> Associated Press Writer
> MOSCOW (AP) -- Russia's Cabinet decided Thursday that the space station
Mir
> will end its 15 years of pioneering achievements and white-knuckle mishaps
> with a fiery plunge into the Pacific Ocean in February.
>
> Mir's successes and tribulations mirrored the epochal changes that shook
> Russia during its time aloft, and ditching it in a remote corner of the
sea
> 900 to 1,200 miles off Australia will extinguish a potent symbol for many
> Russians.
>
> But Mir is deteriorating, foreign investors who bought the station an
> eleventh-hour reprieve this year haven't met their commitments, and Russia
> wants to concentrate its revenues on the 16-nation international space
> station, which received its first crew last month, Russian Space Agency
> chief
> Yuri Koptev said.
>
> Koptev said it would be unsafe to leave Mir aloft without new, expensive
> missions to refurbish it.
>
> "This year has already been rich with disasters," he said. "We must not
> encourage new attacks and speculations aimed against our country."
>
> Russia's one-time image of technological prowess was severely tarnished

this
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> engulfed
> Moscow's TV tower, one of the world's tallest structures.
>
> Russia also was embarrassed by the funding problems that caused it to fall
> years behind in launching a key module of the NASA-led international space
> station. But its launch this summer, followed by the station's first
> Russian-American crew arriving in a Russian space capsule, has restored
some
> of Russia's pride.
>
> For years, NASA has been urging Russia to concentrate its funds on the
> international project.
>
> "Our concern has only been that the Russians have adequate resources to
> support their commitments to the international space station," NASA
> spokeswoman Debra Rahn said Thursday at the space agency's Washington
> headquarters.
>
> "We've always said the decisions on Mir are the sole purview of the
Russian
> government," she said.
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> When Mir was launched Feb. 20, 1986, it was the epitome of achievement for
> the Soviet Union, which had already launched the world's first satellite
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> put both the first man and first woman in orbit.
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> The first of a series of mishaps that were to bedevil Mir took place only
a
> year later: the station's second module, Kvant 1, was unable to link up
> because of an "alien object" blocking the docking port. The object, later
> reported to be a plastic bag, was removed during an unscheduled spacewalk
by
> the crew.
>
> In 1991, an unmanned cargo ship lost control during its approach to Mir
and
> nearly smashed into it. Over the next few years, the station ran smoothly
> even if the Soviet Union didn't. Cosmonaut Sergei Krikalev got the unusual
> distinction of being a Soviet citizen when he blasted off in 1991 and a
> Russian citizen when he returned in 1992.
>
> Cosmonaut Valeri Polyakov set a space endurance record by staying aboard
for
> 438 days in 1994-95.
>
> But 1997 changed Mir's image to a space jalopy. An oxygen-generating
> canister

> burst into flames, nearly forcing the crew to abandon ship. A cargo ship
> rammed Mir, piercing one of the modules and forcing the crew to seal it
off
> before too much air leaked out. Computers failed twice, and the station
went
> adrift after a cosmonaut inadvertently disconnected a power plug.
>
> In 1999, Russia said it lacked the money to keep Mir aloft and planned to
> ditch it over the winter. But the private, Netherlands-based MirCorp
leased
> time on Mir and promised to pay for its operation.
>
> While MirCorp financed a mission to Mir earlier this year, it has failed
to
> meet other commitments, forcing the government to divert funds intended
for
> the international station, Koptev said.
>
> "We cannot continue this game ... which I call Russian roulette. We simply
> don't have the right to do that, because we are a government agency
> responsible for the safety of Mir," he said.
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> American businessman Dennis Tito, who had hoped to travel to Mir as a
"space
> tourist" under a deal with MirCorp and has already spent $1 million in
> training, will not be sent to the station, Koptev said.
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> MirCorp representatives did not respond to telephone messages seeking
> comment.
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> The company, which said the space station had wide commercial potential,
had
> said it aimed to raise about $120 million through a stock offering next
> year,
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> A Soviet satellite crashed into northern Canada in 1978, scattering
> radioactive fragments over a wide area. A year later, the unoccupied U.S.
> Skylab space station fell to Earth when its orbit deteriorated faster than
> expected, scattering debris over western Australia. No one was hurt in
> either
> incident.
>
> Koptev said an unmanned cargo ship would be sent to Mir in January and in
> February the cargo ship would fire its rockets to push the station quickly

> into the atmosphere.
> ----
> Via the sarex mailing list at AMSAT.ORG courtesy of AMSAT-NA.
> Via N1RZ
>
>
>
>

2915. Re: which stallite track software better ?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-17 00:00:00 UTC
From: Dennis Kaylor <k4oxg@earthlink.net>
Message-ID: <3A155805.C435792C@earthlink.net>
Source record: 7755

```
hello
i am rather partical to the nova for windows software it has wonderful
graphics and is easy to use and to update keps
go to
http://www.nlsa.com

ta2ad wrote:

> **** Post for FREE via your newsreader at post.usenet.com ****
>
> please help
> software name and adress
> 73`s A . Sua TORTU TA2AD
>
> -=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=
> *** Usenet.com - The #1 Usenet Newsgroup Service on The Planet! ***
> http://www.usenet.com
> -=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=
```

2916. Re: MIR de-orbit 26th-28th Feb

Newsgroup: rec.radio.amateur.space
Date: 2000-11-17 00:00:00 UTC
From: TomR@astro.net
Message-ID: <3a1564f1.52227408@news.idsi.net>
Source record: 7756

On Fri, 17 Nov 2000 15:22:19 -0000, "Eavesdropper"
<ian@eavesdropper.worldonline.co.uk> wrote:

>Can't say I am sorry about Mr. Tito losing his chance to go on Mir thats one
>less person in space who is merely trying to "buy" there way there instead
>of working it like others have to.

Actually Tito worked on the Mariner missions and has a science
background from what I've read. He could do work. He hopes to be going
to the ISS instead in April but who knows.

>Maybe one little spoke in the wheel of corporate exploitation of space it
>has been proved too many times that they only damage things here on Earth
>best they leave space alone.

Not sure I understand what you mean here.

>Just my opinion.

>ian k.

Tom - KB2SMS

>"N1RZ" <n1rz@timhavens.com> wrote in message
>news:TKaR5.58718$Ds3.453237@e420r-sjo3.usenetserver.com...
>> November 17, 2000
>> Russia to de-orbit Mir in February
>> American tourist Tito will not fly to station
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>> Russians.
>>
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>> station, which received its first crew last month, Russian Space Agency
>> chief

>> Yuri Koptev said.
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>> Koptev said it would be unsafe to leave Mir aloft without new, expensive
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>>
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>> Cosmonaut Valeri Polyakov set a space endurance record by staying aboard
>for
>> 438 days in 1994-95.
>>
>> But 1997 changed Mir's image to a space jalopy. An oxygen-generating
>> canister
>> burst into flames, nearly forcing the crew to abandon ship. A cargo ship
>> rammed Mir, piercing one of the modules and forcing the crew to seal it
>off
>> before too much air leaked out. Computers failed twice, and the station
>went
>> adrift after a cosmonaut inadvertently disconnected a power plug.
>>
>> In 1999, Russia said it lacked the money to keep Mir aloft and planned to
>> ditch it over the winter. But the private, Netherlands-based MirCorp
>leased
>> time on Mir and promised to pay for its operation.
>>
>> While MirCorp financed a mission to Mir earlier this year, it has failed
>to
>> meet other commitments, forcing the government to divert funds intended
>for
>> the international station, Koptev said.
>>
>> "We cannot continue this game ... which I call Russian roulette. We simply
>> don't have the right to do that, because we are a government agency
>> responsible for the safety of Mir," he said.
>>
>> American businessman Dennis Tito, who had hoped to travel to Mir as a
>"space
>> tourist" under a deal with MirCorp and has already spent $1 million in
>> training, will not be sent to the station, Koptev said.
>>
>> MirCorp representatives did not respond to telephone messages seeking
>> comment.
>>
>> The company, which said the space station had wide commercial potential,
>had
>> said it aimed to raise about $120 million through a stock offering next
>> year,
>> but Koptev indicated Thursday's decision to bring Mir down would not be
>> reversed even if new money appeared.
>>
>> Prime Minister Mikhail Kasyanov told Thursday's Cabinet meeting that
>safely
>> discarding Mir is an international commitment for Russia.
>>

>> A Soviet satellite crashed into northern Canada in 1978, scattering
>> radioactive fragments over a wide area. A year later, the unoccupied U.S.
>> Skylab space station fell to Earth when its orbit deteriorated faster than
>> expected, scattering debris over western Australia. No one was hurt in
>> either
>> incident.
>>
>> Koptev said an unmanned cargo ship would be sent to Mir in January and in
>> February the cargo ship would fire its rockets to push the station quickly
>> into the atmosphere.
>> ----
>> Via the sarex mailing list at AMSAT.ORG courtesy of AMSAT-NA.
>> Via N1RZ
>>
>>
>>
>>
>
>

2917. Re: Wanted TimeWave DSP 2232 or PK232DSP

Newsgroup: rec.radio.amateur.space
Date: 2000-11-17 00:00:00 UTC
From: mailmrs@aol.com.net
Message-ID: <20001117131601.09052.00000425@nso-ck.aol.com>
Source record: 7757

In article <o3bR5.13399$Ry5.1805675@news3.cableinet.net>,
<webmaster@badgersoft.org> wrote:
>
>Does anyone have on of these devices for sale?
>
Only have a PK232 (e.g. not DSP, not MBX). Will sell or trade. To
be shipped from southern France. If interested, pls email by removing
".net" string at the right end of the address. Tks.

MRS

2918. Re: P3D new KEPLER??

Newsgroup: rec.radio.amateur.space
Date: 2000-11-17 00:00:00 UTC
From: jimmy john <jj@sandwitch.org>
Message-ID: <4A8A59F2BDCDD311BFC800508BA36AC8058689C8@www.indianarep.com>
Source record: 7758

The current keps seem to produce REALLY wierd tracks. It's hard to tell, given flat-map distortions, whether or not they plot correctly (to me, at least).

At the moment, the track comes along west-to-east close to the equator, then zig-zags northward slightly and heads off over Africa.

I've definitely never seen a satellite track like that, and I don't see how the "zig-zag" can be for real. Even with the distortion of projecting the globe onto a flat surface, this can't be the actual track of AO-40.

I'm looking at WinOrbit, since the websites have not updated, to view the tracking. I'd like another opinion, in the event it is WinOrbit that is confused (instead of ME).

By the way, http://www.heavens-above.com seemed to be "gone" last night.

Rob Janssen <nomail@rob.knoware.nl> wrote in message
news:slrn919nmt.f5e.nomail@linux.pe1chl.ampr.org...
> Franko <hb9oab[NOSPAM]@amsat.org> wrote:
> >Simple....
>
> >OSCAR 40 / AO-40
> >1 93400U 00321.07636550 .00000001 00000-0 12567-4 0 14
> >2 93400 6.5034 247.6325 7357988 175.9296 13.3886 2.02435417 19
>
> >bye
>
> >"Rob Janssen" <nomail@rob.knoware.nl> ha scritto nel messaggio
> >news:slrn918731.528.nomail@linux.pe1chl.ampr.org...
> >> Franko <hb9oab[NOSPAM]@amsat.org> wrote:
> >> >Please new kepler for P3D?
> >> >tnx
>
> >> Please be patient!
> >> Or do some research yourself and find the preliminary keps:
>
> >> Phase 3D
> >> 1 93400U 321.07636550 .00000001 00000-0 12567-4 0 14
> >> 2 93400 6.5034 247.6325 7357988 175.9296 13.3886 2.02435417 19
>
> >> Rob
>
>
>
> Who is being simple here?? I don't understand these two followups...

>
> Rob
> --
> +---------------------------------+--------------------------------------+
> | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
> | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
> +---------------------------------+--------------------------------------+

2919. Re: P3D new KEPLER??

Newsgroup: rec.radio.amateur.space
Date: 2000-11-17 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn91b26a.f5e.nomail@linux.pe1chl.ampr.org>
Source record: 7759

jimmy john <jj@sandwitch.org> wrote:
>The current keps seem to produce REALLY wierd tracks. It's hard to tell,
>given flat-map distortions, whether or not they plot correctly (to me, at
>least).

>I've definitely never seen a satellite track like that, and I don't see how
>the "zig-zag" can be for real. Even with the distortion of projecting the
>globe onto a flat surface, this can't be the actual track of AO-40.

This is a highly elliptical orbit with a small inclination. Just the
standard geostationary transfer orbit for a launch from Kourou. When you
have not seen a track like that, you simply have not looked at too many of
them...

The zig-zag is of course caused by the relative speeds of the satellite in
its orbit and the earth revolving around its axis.

Rob
--
+---------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+---------------------------------+--------------------------------------+

2920. Re: P3D new KEPLER??

Newsgroup: rec.radio.amateur.space
Date: 2000-11-17 00:00:00 UTC
From: caseymc@my-deja.com
Message-ID: <8v47cp$772$1@nnrp1.deja.com>
Source record: 7760

In article
<4A8A59F2BDCDD311BFC800508BA36AC8058689C8@www.indianarep.com>,
"jimmy john" <jj@sandwitch.org> wrote:
> The current keps seem to produce REALLY wierd tracks. It's hard to
tell,
> given flat-map distortions, whether or not they plot correctly (to
me, at
> least).

I agree, the track is really different than what we're used to seeing. But it's just because of the elliptical orbit and it is correct. The neat thing to watch is how long it hangs over North America. Many hours of fun possible. The tracks are different than we're used to seeing because most all of the sats launched thus far have been in relatively circular orbits compared to AO-40.

Regards,

Casey

Sent via Deja.com http://www.deja.com/
Before you buy.

2921. Re: Satelite Tracking for X Windows

Newsgroup: rec.radio.amateur.space
Date: 2000-11-17 00:00:00 UTC
From: Ken Harris <KHarri4@attglobal.net>
Message-ID: <3A15A344.28C5E00F@attglobal.net>
Source record: 7761

David Findlay wrote:
>
> I saw the thread about non-x sattrackers, but are there any really good
> satelite tracking programs for Linux with X, preferably using OpenGL for
> graphics?

I can't pretend to know what "really good" is, but this program uses
OpenGL and Linux to display the current positions of satellites:

http://www.qsl.net/kf6hxx/cosmic/cosmo.gz

Executeable expects "libstdc++" DSO library

Random list of features:

It expects "elements" on standard input.
Get elements from http://celestrak.com/NORAD/elements
Uses "SGP" model for satellite prediction
It displays the sun vector and solar terminator and lights the globe.
It displays the coast lines of the continents.
Some UI:
right mouse button and mouse movement will change eye point
left mouse button pops up menu to select "field of view"
- : decrease field of view (zoom in)
+ : increase field of view (zoom out)
s : toggle "smooth lines"
l : toggle lighting model
c : toggle display of coastlines
p : "pick" : prints info about satellite that cursor is near

History: this code was originally written on an SGI machine using
"Classic GL",
then ported to OpenGL and Windoze (it lost a few features in the
process,
like stereo viewing). I used "IFL" to read image files for texture
mapping the
earth on SGI and Windoze, but that library doesn't exist on Linux (to my
knowledge),
so there is no texture mapping.

2922. pager vs Meteor 3-5

Newsgroup: rec.radio.amateur.space
Date: 2000-11-17 00:00:00 UTC
From: Dale Ireland <direland@drdale.com>
Message-ID: <78D6C4C983BD7C6E.C63878B09292CF37.278EDBBB7CE06535@lp.airnews.net>
Source record: 7762

Hello
A very strong pager signal has begun on exactly the 137.3 MHz frequency
of Meteor 3-5 here west of Seattle.
Is this legal? Is there anything I can do about it?
Dale

--
Dale Ireland
47.7N 122.7W
Astronomy Page http://www.drdale.com
Comets, Satellites, Eclipses, Photography, Fabrications

2923. MIR going bye-bye

Newsgroup: rec.radio.amateur.space
Date: 2000-11-17 00:00:00 UTC
From: Davev <dvari@adelphia.net>
Message-ID: <puiR5.1567$tR2.38689@news1.news.adelphia.net>
Source record: 7763

Just caught this tid-bit on IWON.COM about mir being dumped into the
Pacific this coming FEBRUARY.
http://www.iwon.com/home/entertainment/entertain_article/0,2084,74367|entert
ainment|11-17-2000::16:30|reuters,00.html

Under of all categories 'entertainment !!!
de davev

2924. Re: MIR de-orbit 26th-28th Feb

Newsgroup: rec.radio.amateur.space
Date: 2000-11-17 00:00:00 UTC
From: Davev <dvari@adelphia.net>
Message-ID: <zyiR5.1570$tR2.38762@news1.news.adelphia.net>
Source record: 7764

Too bad they couldn't load her up with sciencetific equiptment,attach a
booster rocket and send her thru the solar system.
It would seem that just maybe,with her already in orbit the cost might not
be so high. besides going this way, would be
more fitting end.
just my thoughts on the matter.
also see this link on iwon.com:
http://www.iwon.com/home/entertainment/entertain_article/0,2084,74367|entert
ainment|11-17-2000::16:30|reuters,00.html
de dave-n2rhl

"Disposable Hero" <NoFixxxer@XHotmail.com> wrote in message
news:cI7R5.502770$1h3.13993164@news20.bellglobal.com...
> I'm going to Miss MIR. I spent Many nights up into the wee hours of the
> morning trying to contact her. Those were the days.
>
> "Eavesdropper" <ian@eavesdropper.worldonline.co.uk> wrote in message
> news:3a143735@news.server.worldonline.co.uk...
> > Heard on the news today theRussian Gov has said that MIR is set to be
> > de-orbited between Feb 26th and 28th over an area near Australia with a
> > minor risk of some debris hitting ground.
> >
> > About time too, maybe if they had done this earlier the ISS would notbe
so
> > delayed!.
> >
> > Oh well, bye MIR she done a good job !
> >
> > ian k.
> >
> >
>
>

2925. Re: MIR de-orbit 26th-28th Feb

Newsgroup: rec.radio.amateur.space
Date: 2000-11-17 00:00:00 UTC
From: Eavesdropper <ian@eavesdropper.worldonline.co.uk>
Message-ID: <3a15b964@news.server.worldonline.co.uk>
Source record: 7765

<TomR@astro.net> wrote in message news:3a1564f1.52227408@news.idsi.net...
> On Fri, 17 Nov 2000 15:22:19 -0000, "Eavesdropper"
> <ian@eavesdropper.worldonline.co.uk> wrote:

> Actually Tito worked on the Mariner missions and has a science
> background from what I've read. He could do work. He hopes to be going
> to the ISS instead in April but who knows.

If this is the case then Tom then that's OK, providing he serves a good use
then thats fine, as their are many people who work for years and years to
get there, frankly it would revolt me to see someone getting there on the
back of money.
>
> >Maybe one little spoke in the wheel of corporate exploitation of space it
> >has been proved too many times that they only damage things here on Earth
> >best they leave space alone.
>
> Not sure I understand what you mean here.

Simple. take alook around you Tom and see what a slag whore dump that the
corporate business people have made of this planet !, the future of space
should be entirly HUMAN based with no room for profit makers and or any kind
of profiteering body. I don't know about you but I am sick to death of
seeing all the bullshit that surrounds this planet. It would be nice to see
that things of a space nature would be a "fresh start" for all of humankind
to develope from and not just another platform for the money hungry whores
of this world to breed more of the same.

ian

2926. Re: MIR de-orbit 26th-28th Feb

Newsgroup: rec.radio.amateur.space
Date: 2000-11-17 00:00:00 UTC
From: Eavesdropper <ian@eavesdropper.worldonline.co.uk>
Message-ID: <3a15b9c3@news.server.worldonline.co.uk>
Source record: 7766

I must agree on this fact, I know that the power to take something ike MIR into an escape velocity situation would be quite great but surely it could serve a purpoes especially as it is so large compared to a satellit. There must be some use for it. ?

ian k..

"Davev" <dvari@adelphia.net> wrote in message
news:zyiR5.1570$tR2.38762@news1.news.adelphia.net...
> Too bad they couldn't load her up with sciencetific equiptment,attach a
> booster rocket and send her thru the solar system.
> It would seem that just maybe,with her already in orbit the cost might not
> be so high. besides going this way, would be
> more fitting end.
> just my thoughts on the matter.
> also see this link on iwon.com:
>
http://www.iwon.com/home/entertainment/entertain_article/0,2084,74367|entert
> ainment|11-17-2000::16:30|reuters,00.html
> de dave-n2rhl
>
>
> "Disposable Hero" <NoFixxxer@XHotmail.com> wrote in message
> news:cI7R5.502770$1h3.13993164@news20.bellglobal.com...
> > I'm going to Miss MIR. I spent Many nights up into the wee hours of the
> > morning trying to contact her. Those were the days.
> >
> > "Eavesdropper" <ian@eavesdropper.worldonline.co.uk> wrote in message
> > news:3a143735@news.server.worldonline.co.uk...
> > > Heard on the news today theRussian Gov has said that MIR is set to be
> > > de-orbited between Feb 26th and 28th over an area near Australia with
a
> > > minor risk of some debris hitting ground.
> > >
> > > About time too, maybe if they had done this earlier the ISS would
notbe
> so
> > > delayed!.
> > >
> > > Oh well, bye MIR she done a good job !
> > >
> > > ian k.
> > >
> > >
> >

> >
>
>

2927. Re: 400BPS DEMODULATOR FOR AO-40 TELEMETRY

Newsgroup: rec.radio.amateur.space
Date: 2000-11-17 00:00:00 UTC
From: Eavesdropper <ian@eavesdropper.worldonline.co.uk>
Message-ID: <3a15baa9@news.server.worldonline.co.uk>
Source record: 7767

Why in the name of god that did not make this to be compatible with a standard radio modem or hamcomm type interface i do not know, to me it does show a lack of thinking, in respect of the fact that most of the people into this scene either have already a hamcomm interface or a packet modem. This whole scene needs to get an "industry standard" of some kind based on what the majority of users already have, if the hobby/passion is to be carried on this would surely serve as a good way of helping people to stay with it and not to excluse those who cannot afford to buy yet MORE interfaces/modems /software.

we need compatability somewhere

ian k.

Rather strange I think

ian

"Chris Muir" <cmuir@startrek.org.nz> wrote in message news:SXdR5.3487$gVqd.59244724@news.xtra.co.nz...
> Is anyone working on soundblaster based software decoder for P3D telemetry?
>
> Is this feasible? There are so many fantastic soundblaster based software
> offerings around now for ham HF digital modes I would have thought a
> software package using the soundblaster instead of a hardware modem might be
> the way to go!
>
>

2928. Re: 400BPS DEMODULATOR FOR AO-40 TELEMETRY

Newsgroup: rec.radio.amateur.space
Date: 2000-11-17 00:00:00 UTC
From: Michael <spyder@flash.net>
Message-ID: <3A15707B.E1BE0403@flash.net>
Source record: 7768

They don't want you to listen, It is the special group only.

Eavesdropper wrote:

> Why in the name of god that did not make this to be compatible with a
> standard radio modem or hamcomm type interface i do not know, to me it does
> show a lack of thinking, in respect of the fact that most of the people into
> this scene either have already a hamcomm interface or a packet modem. This
> whole scene needs to get an "industry standard" of some kind based on what
> the majority of users already have, if the hobby/passion is to be carried on
> this would surely serve as a good way of helping people to stay with it and
> not to excluse those who cannot afford to buy yet MORE interfaces/modems
> /software.
>
> we need compatability somewhere
>
> ian k.
>
> Rather strange I think
>
> ian
>
> "Chris Muir" <cmuir@startrek.org.nz> wrote in message
> news:SXdR5.3487$gVqd.59244724@news.xtra.co.nz...
> > Is anyone working on soundblaster based software decoder for P3D
> telemetry?
> >
> > Is this feasible? There are so many fantastic soundblaster based software
> > offerings around now for ham HF digital modes I would have thought a
> > software package using the soundblaster instead of a hardware modem might
> be
> > the way to go!
> >
> >

2929. Re: 400BPS DEMODULATOR FOR AO-40 TELEMETRY

Newsgroup: rec.radio.amateur.space
Date: 2000-11-17 00:00:00 UTC
From: Clifford Buttschardt <cbuttsch@slonet.org>
Message-ID: <Pine.GSO.3.95.1001117154249.4439B-100000@oso.slonet.org>
Source record: 7769

Regarding "standard" AO-40 baud rates, a few facts regarding the use of 400 baud would be useful. First of all the system was designed in 1981----long before any other ham type mass marketed device was available. The selection of that baud rate was based on as fast as TOTAL SYSTEM requirements would allow. These were many and complex as I had a devil of time following G3RUH who first designed a suitable hardware modem. The satellite in mind then was OSCAR ten launched in Mid 1983. Ham radio showed the rest of the world what was possible not the other way around. The 400 baud works today, thank you, on AO-40 (phase IIID) as it did on AO-10 and AO-13. The downlink is standard ASCII with an infinite number of stop bits so most any "standard" baud rate you might require will work just fine! My original G3RUH hardware modem set up for use with the Commodore 64 is downloading AO-40 marvelously. All we need now is a program using the sound card or EVM evaluation board to bring the system to "modern!" 73 to all and congratulations to AMSAT members everywhere.
Cliff Buttschardt K7RR

On Fri, 17 Nov 2000, Eavesdropper wrote:

> Why in the name of god that did not make this to be compatible with a
> standard radio modem or hamcomm type interface i do not know, to me it does
> show a lack of thinking, in respect of the fact that most of the people into
> this scene either have already a hamcomm interface or a packet modem. This
> whole scene needs to get an "industry standard" of some kind based on what
> the majority of users already have, if the hobby/passion is to be carried on
> this would surely serve as a good way of helping people to stay with it and
> not to excluse those who cannot afford to buy yet MORE interfaces/modems
> /software.
>
> we need compatability somewhere
>
> ian k.
>
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>
> Rather strange I think
>
>
> ian
>
>
> "Chris Muir" <cmuir@startrek.org.nz> wrote in message
> news:SXdR5.3487$gVqd.59244724@news.xtra.co.nz...
> > Is anyone working on soundblaster based software decoder for P3D

> telemetry?
> >
> > Is this feasible? There are so many fantastic soundblaster based software
> > offerings around now for ham HF digital modes I would have thought a
> > software package using the soundblaster instead of a hardware modem might
> be
> > the way to go!
> >
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>

2930. Re: Preliminary KEPS OK?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-17 00:00:00 UTC
From: "John (VE7JDB)" <johndb@dbtechnet.com>
Message-ID: <974507890.415629@news.islandnet.com>
Source record: 7770

<AnonMn@netscape.net> wrote in message news:3a15cb4b.159037335@news...
> Are the preliminary KEPS for AO-40 posted here correct?
> K5MBV

I downloaded the AO-40 keps from Amsat (http://www.amsat.org) and they are fine. The telemetry on 145.897 could be heard (very strong) at AOS and it promptly disappeared at LOS. What a joy to hear the S5 signal for most of the day! The 9 months until it is fully operational will allow me the time I need to get my sat antennas purchased and installed.

John (VE7JDB)

2931. Re: Amsat P3D is up and on 145.897mHz PSK.

Newsgroup: rec.radio.amateur.space
Date: 2000-11-17 00:00:00 UTC
From: Chris B <cab1971@nospambellsouth.net>
Message-ID: <sckR5.12798$On3.47137@news1.mco>
Source record: 7771
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Any information on positioning??

"Vince Fiscus, KB7ADL" <vlfiscus@mcn.net> wrote in message
news:t1860ain4fsufc@news.supernews.com...
>
> Strong signal. And all appears to be in good shape so far.
>
> 73 de KB7ADL

2932. Re: 145,898 Beacon on AO-40

Newsgroup: rec.radio.amateur.space
Date: 2000-11-17 00:00:00 UTC
From: "John (VE7JDB)" <johndb@dbtechnet.com>
Message-ID: <974522205.744530@news.islandnet.com>
Source record: 7772

<AnonMn@netscape.net> wrote in message news:3a15de79.163948270@news...
> Is this beacon on? I can't hear anything around this freq. using the AMSAT keps.
> K5MBV

You will have to tune around that frequency to compensate for the Doppler shift and _AO-40 will have to be in range_.
At the time of this post (18 NOV-0423 UTC), AO-40 is located above Asia.
For my ground coordinate in Southwestern British Columbia , AOS will occur 1308 UTC and LOS won't occur until around 2400 UTC. This is around 10 hours!!! of acquisition time.
The signal on 145.897 is not really a beacon but is PSK data giving ground control stations telemetry of the bird's status.

Cheers,

John (VE7JDB)

2933. Amsat Phase 3D offically named Amsat Oscar 40 (AO-40)

Newsgroup: rec.radio.amateur.space
Date: 2000-11-17 00:04:27 UTC
From: vlfiscus@mcn.net
Message-ID: <t18thmk7pumb39@news.supernews.com>
Source record: 7844
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

Beacon is on 145.890 ~ plus or minus doppler.

It's now call AO-40

2934. FO-20/29, RS-12/13/15 technical parameters?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-17 01:23:34 UTC
From: nx7u@primenet.com
Message-ID: <3a148795.8968454@news.primenet.com>
Source record: 7845

Looking for the technical link parameters for FO and RS satellites.
Meaning, G/T required for the downlink and ERP for the uplink.
I was surprised at how many places I had to look for this info for
P3-D before I found it (in the '99 ARRL Handbook); I would have
thought that this info would be de rigeur for any satellite.
But I am new to this (ham-wise, at least)...
Thanks

2935. Re: FO-20/29, RS-12/13/15 technical parameters?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-17 02:18:36 UTC
From: marsgal42@hotmail.com
Message-ID: <8v24hogti1@nnrp1.deja.com>
Source record: 7846

In article <3a148795.8968454@news.primenet.com>,
nx7u@arrl.net wrote:
> Looking for the technical link parameters for FO and RS satellites.
> Meaning, G/T required for the downlink and ERP for the uplink.
> I was surprised at how many places I had to look for this info for
> P3-D before I found it (in the '99 ARRL Handbook); I would have
> thought that this info would be de rigeur for any satellite.
> But I am new to this (ham-wise, at least)...

The uplink ERP is in various AMSAT publications, like the Easy
Sats book. As for downlink G/T, I wasn't aware the FO or RS
satellites had ever been characterized this way. Perhaps you
would like to measure them and report the results?

Laura Halliday VE7LDH "Que les nuages soient notre
Grid:" CN89mg pied a terre..." - Hospital/Shafte

Sent via Deja.com http://www.deja.com/
Before you buy.

2936. Re: Space Station Alpha begins testing 2-meter Amateur Radio Station

Newsgroup: rec.radio.amateur.space
Date: 2000-11-17 03:34:11 UTC
From: Marc Passy <mpassy#no_spam#@houston.rr.com>
Message-ID: <3A14A72C.BEE4D504@houston.rr.com>
Source record: 7847

One little correction, Rob. Both Russian and American crews have been
lobbying for this very name for several years. In the weeks leading up
to Exp 1 launch, the only question here at JSC was how long they'd wait
to start using, and whether they'd ask or tell the ground.

It's only the RAKA and Energia managment that doesn't like Alpha.

The crews feel it's very fitting - the first international space
station.
(anyway, if you're counting all Russian space stations, this would be
eta or theta).

Rob Janssen wrote:
>
> Eavesdropper <ian@eavesdropper.worldonline.co.uk> wrote:
> >When did anybody start calling it ALPHA again?, I thought that name was
> >dropped ages ago for simply "the international space station"
>
> >curious
>
> The American crew member believed it would be tempting bad luck to inhabit
> a space station without a name. So he proposed a name during the radio
> contact that occurred just after docking.
>
> Unfortunately (IMO) he again came back to the name Alpha which was
> suggested by NASA before, and which was rejected by the Russians because it
> suggested that it was the first space station (because Alpha is the first
> letter in the greek alphabet). The Russians counterproposed the name Beta
> at that time, which was not accepted by NASA.
>
> I think it is not very polite to bring forward the name Alpha again, in the
> presence of the Russian crew and groundstation personnel, by the
> American astronaut. It was accepted by the English speaking groundstation
> personnel "for this mission only". But the Russians most likely felt stept
> on their toes.
>
> This should have been solved by mutual agreement. And if he wanted a name
> so badly, he should have come up with something original, not a name that
> was rejected before.
>
> Rob
> --
> +-----------------------------------+---------------------------------------+
> | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
> | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |

> +----------------------------------+--------------------------------------+

--
To reply, remove two pounds of spam-proofing.
My Opinions are all my own. Nobody else, especially the
people I work for, wants to claim them.

"At the core of the risk-free society is a self-indulgent failure of
nerve."
Edwin "Buzz" Aldrin, 1999

2937. Re: AMSAT Phase 3D pre-launch element set.

Newsgroup: rec.radio.amateur.space
Date: 2000-11-17 07:22:38 UTC
From: "J.A." <jca1954@iprimus.com.au>
Message-ID: <3a14dc06$1@news.iprimus.com.au>
Source record: 7848
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

I have read in another Group that it's going to be called Oscar 40/AO-40

2938. Re: P3D new KEPLER??

Newsgroup: rec.radio.amateur.space
Date: 2000-11-17 07:31:41 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn919nmt.f5e.nomail@linux.pe1chl.ampr.org>
Source record: 7749

```
Franko <hb9oab[NOSPAM]@amsat.org> wrote:
>Simple....

>OSCAR 40 / AO-40
>1 93400U 00321.07636550 .00000001 00000-0 12567-4 0 14
>2 93400 6.5034 247.6325 7357988 175.9296 13.3886 2.02435417 19

>bye

>"Rob Janssen" <nomail@rob.knoware.nl> ha scritto nel messaggio
>news:slrn918731.528.nomail@linux.pe1chl.ampr.org...
>> Franko <hb9oab[NOSPAM]@amsat.org> wrote:
>> >Please new kepler for P3D?
>> >tnx

>> Please be patient!
>> Or do some research yourself and find the preliminary keps:

>> Phase 3D
>> 1 93400U 321.07636550 .00000001 00000-0 12567-4 0 14
>> 2 93400 6.5034 247.6325 7357988 175.9296 13.3886 2.02435417 19

>> Rob

Who is being simple here?? I don't understand these two followups...

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+
```

2939. 400BPS DEMODULATOR FOR AO-40 TELEMETRY

Newsgroup: rec.radio.amateur.space
Date: 2000-11-17 17:30:51 UTC
From: Chris Muir <cmuir@startrek.org.nz>
Message-ID: <SXdR5.3487$gVqd.59244724@news.xtra.co.nz>
Source record: 7773

Is anyone working on soundblaster based software decoder for P3D telemetry?

Is this feasible? There are so many fantastic soundblaster based software offerings around now for ham HF digital modes I would have thought a software package using the soundblaster instead of a hardware modem might be the way to go!

2940. Re: 400BPS DEMODULATOR FOR AO-40 TELEMETRY

Newsgroup: rec.radio.amateur.space
Date: 2000-11-18 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn91d8ma.oae.nomail@linux.pe1chl.ampr.org>
Source record: 7649

Eavesdropper <ian@eavesdropper.worldonline.co.uk> wrote:

>I am quite aware of the difference between telem and transponders, my point
>is that why do we all stick with the same old systems ?, surely the whole
>point is experimentation and developement ?. Why was a newer and faster
>system not developed ?.

Because an existing and reliable system was available.
Remember that most people with a need to have a telemetry system already
had one available. Sure you can design a new system, but what would you
have done differently? Use 1200 baud AFSK on an FM carrier?

The satellite was, even though that is 5 years ago by now, designed and
built under a tight schedule. I think it is very reasonable to use
systems that are readily available and have been proven in orbit.
The fact that the launch was delayed so many times does not affect the
initial design decisions, of course. But IHU-2 was added later, so at
least you can't complain about the use of a seventies microprocessor for
the IHU.

>Well, I cannot be accused of no effort on the decode front as you may know I
>ran Eavesdroppers for some years and I put a LOT of effort into getting
>decoders made with no return to me and to be honestr a lot of idiots
>complaining and not helping to IMPROVE the systems, frankly there is source
>code around for this format and getting into a sound carded windows platform
>should have been very easy !, I think the lack of thinking was on the
>designers part in not allowing some time within the last TEN years to make
>something so the whole community can join in on the telem side aswell.

What you don't realize is that there is a small (elite?) group of people
who do the real designing and building, and they are not interested in what
you propose. Others may be interested but they won't build anything, they
rather wait until they can download it.

SP9VRC has written a DSP implementation of the modem years ago, I can
run it here on my DSPcard4 when I like. But I first need to wait for
a suitable pass, which will take a couple of days (shielded to the
southeast, so need a southwest view, apogee over the atlantic).

The French program comes without source, so that is no useful building
block. Else I might have converted it to Linux.
(it runs under dosemu, though)

Rob
--
+--------------------------------+-------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |

```
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+------------------------------+--------------------------------------+
```

2941. Re: P3D new KEPLER??

Newsgroup: rec.radio.amateur.space
Date: 2000-11-18 00:00:00 UTC
From: caseymc@my-deja.com
Message-ID: <8v6bu8$o5h$1@nnrp1.deja.com>
Source record: 7650

Sorry about that but I thought I had said "most all". Thanks for the correction.

Regards,

Casey

In article <slrn91chto.oae.nomail@linux.pe1chl.ampr.org>, nomail@rob.knoware.nl (Rob Janssen) wrote:
> caseymc@my-deja.com <caseymc@my-deja.com> wrote:
> >I agree, the track is really different than what we're used to seeing.
> >But it's just because of the elliptical orbit and it is correct. The
> >neat thing to watch is how long it hangs over North America. Many
> >hours of fun possible. The tracks are different than we're used to
> >seeing because most all of the sats launched thus far have been in
> >relatively circular orbits compared to AO-40.
>
> "all of the sats launched thus far"? You probably mean amateur satellites,
> but even then the orbit of AO-13 was much more elliptical in the later
> years of its life.
>
> Of course the AO-40 orbit will be made a bit more circular, and the
> inclination will be increased (so the zig-zag will occur above a more
> northern latitude).
>
> But this orbit should not look strange. It is like AO-10 and AO-13, and it
> is what has been published about so many times.
>
> Rob
> --
> +--------------------------------+-----------------------------------
--+
> | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
> | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
> +--------------------------------+-----------------------------------
--+
>

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2942. Re: 400BPS DEMODULATOR FOR AO-40 TELEMETRY

Newsgroup: rec.radio.amateur.space
Date: 2000-11-18 00:00:00 UTC
From: Eavesdropper <ian@eavesdropper.worldonline.co.uk>
Message-ID: <3a16b518@news.server.worldonline.co.uk>
Source record: 7651

"Rob Janssen" <nomail@rob.knoware.nl> wrote in message
news:slrn91d8ma.oae.nomail@linux.pe1chl.ampr.org...
>
> What you don't realize is that there is a small (elite?) group of people
> who do the real designing and building, and they are not interested in
what
> you propose. Others may be interested but they won't build anything, they
> rather wait until they can download it.

Not interested, well that in my book say's a lot about the WRONG attitude, and supports directly my point, obviously with THAT attitude Amsat does not need any more members or financial contributions or assistance.

Can I take it that is an official stance of Amsat then Rob as you are a member?, because if it is it is a very stupid one, as Amsat worldwide needs people if they are to carry on and make bigger and better things, why are they so quick to scorn attempts at help ?.

I cannot tell you how dissapointed I am at that statement, I am the sort of guy who would give up a lot to help towards a project if the people are also willing and friendly. I have only just now invested in more equipement to make things really nice for working the ISS and Sats , now I am looking at it all thinking why did I bother, what's the point when people have that outlook on things...might just as well buy a cellphone and say stuff it !.

your's dissapointed

ian k.

2943. AO-40 telemetry decoder?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-18 00:00:00 UTC
From: "Greg D." <gregd@jps.net>
Message-ID: <3A16E520.36CC794@jps.net>
Source record: 7652

AO-40 has a great telemetry beacon - very strong here right now,
and the bird's about 39,000 miles away!

I was wondering if anyone has a decoder program for it that uses
a windows sound card? I don't have the modem needed for Chris
Jackson's program.

Thanks,

Greg.

2944. Re: 400BPS DEMODULATOR FOR AO-40 TELEMETRY

Newsgroup: rec.radio.amateur.space
Date: 2000-11-18 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn91dp6u.oae.nomail@linux.pe1chl.ampr.org>
Source record: 7653

Eavesdropper <ian@eavesdropper.worldonline.co.uk> wrote:

>Not interested, well that in my book say's a lot about the WRONG attitude,
>and supports directly my point, obviously with THAT attitude Amsat does not
>need any more members or financial contributions or assistance.

>Can I take it that is an official stance of Amsat then Rob as you are a
>member?, because if it is it is a very stupid one, as Amsat worldwide needs
>people if they are to carry on and make bigger and better things, why are
>they so quick to scorn attempts at help ?.

No, not at all. I am just describing the general situation in radio
amateurism, where there is a small group of people actively developing new
stuff, but with limited time and (of course) limited interest. And a very
large group that only wants to copy, wants zero investment in hardware,
and wants everything at the least possible cost.

This is not specific to Amsat, and my statement is not representing Amsat
at all. It happens everywhere. Look at packet radio, for example.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

2945. Re: AO-40 - WOW

Newsgroup: rec.radio.amateur.space
Date: 2000-11-18 00:00:00 UTC
From: walnut <fred@fred.com>
Message-ID: <3A16FD02.708B557C@fred.com>
Source record: 7654

Same here, using the AMSAT NA keps has s6 telemetry , in the UK, for about 1/2 hour this morning before LOS. Equipment is a home made 8 ele yagi and an Ft847. Not sure I can wait 270 days!

Alex

Roger Hackler wrote:

> Using the keps from AMSAT NA and listening on 145.896 right now the PSK
> telemetry is very strong here. The beautiful thing about it is that my
> antenna is miserable...just a vertical on my roof and using some really bad
> RG8 and I hear it s4. time to get some antennas!
>
> Thanks for the great job AMSAT!

2946. Re: 400BPS DEMODULATOR FOR AO-40 TELEMETRY

Newsgroup: rec.radio.amateur.space
Date: 2000-11-18 00:00:00 UTC
From: Eavesdropper <ian@eavesdropper.worldonline.co.uk>
Message-ID: <3a16ff38@news.server.worldonline.co.uk>
Source record: 7655

"Rob Janssen" <nomail@rob.knoware.nl> wrote in message
news:slrn91dp6u.oae.nomail@linux.pe1chl.ampr.org...
> Eavesdropper <ian@eavesdropper.worldonline.co.uk> wrote:
>
>
> No, not at all. I am just describing the general situation in radio
> amateurism, where there is a small group of people actively developing new
> stuff, but with limited time and (of course) limited interest. And a very
> large group that only wants to copy, wants zero investment in hardware,
> and wants everything at the least possible cost.

I agree with you on that statement but thats not quite what you said in the
previous post, you stated that they where not interested in what i was
offering, and that is what surprised me.
>
> This is not specific to Amsat, and my statement is not representing Amsat
> at all. It happens everywhere. Look at packet radio, for example.
>
> Rob
> --
Well I am glad to hear that it is not representing Amsat and perhaps your
wording caused some confusion here, I would hate to think that you where
arrogant in any way because up to now I have held you in good esteem.

I would not want to change that either

ian k.

2947. Re: AO-40 telemetry decoder?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-18 00:00:00 UTC
From: Eavesdropper <ian@eavesdropper.worldonline.co.uk>
Message-ID: <3a16ff64@news.server.worldonline.co.uk>
Source record: 7656

Not yet apparently but I am trying to contact some people to get one made if possible

ian k.

"Greg D." <gregd@jps.net> wrote in message news:3A16E520.36CC794@jps.net...
> AO-40 has a great telemetry beacon - very strong here right now,
> and the bird's about 39,000 miles away!
>
> I was wondering if anyone has a decoder program for it that uses
> a windows sound card? I don't have the modem needed for Chris
> Jackson's program.
>
> Thanks,
>
> Greg.

2948. Re: 400BPS DEMODULATOR FOR AO-40 TELEMETRY

Newsgroup: rec.radio.amateur.space
Date: 2000-11-18 00:00:00 UTC
From: walnut <alex.greenland@btinternet.com>
Message-ID: <3A170587.AF06E1C3@btinternet.com>
Source record: 7657

Chris

Not found one yet but the uk amsat website does mention that amsat-france are working on a soundblaster version, to quote the website

"AMSAT-F is also developping a Windows version which should be available in the next few days. This program, uses a FFT display and will allow an easy tuning of the center frequency. The program is intended to convert audio PSK streams into binary files."

Hope this helps

Alex

Chris Muir wrote:

> Is anyone working on soundblaster based software decoder for P3D telemetry?
>
> Is this feasible? There are so many fantastic soundblaster based software
> offerings around now for ham HF digital modes I would have thought a
> software package using the soundblaster instead of a hardware modem might be
> the way to go!

2949. AO-40 Telemetry ....Great Job AMSAT!

Newsgroup: rec.radio.amateur.space
Date: 2000-11-18 00:00:00 UTC
From: AnonMn@netscape.net
Message-ID: <3a170ec6.241860703@news>
Source record: 7658

I take back everything I said about AMSAT for the last several years! The telemetry is 25 db over S9 on my FT-736R and the preliminary keps are nearly right on! Congratulations guys! Time to start sending in some money for a change.
K5MBV

2950. AO-40 Tracking

Newsgroup: rec.radio.amateur.space
Date: 2000-11-18 00:00:00 UTC
From: Tom Stiles <hamrad45@atlantic.net>
Message-ID: <xPER5.348$uu4.191333@news1.atlantic.net>
Source record: 7659

Anyone know of a website that is tracking the AO-40 satellite? Would like to check to see if my tracking program is correct.

Thanks in advance.

--

Tom Stiles
hamrad45@atlantic.net

2951. DSP-2232/FT847

Newsgroup: rec.radio.amateur.space
Date: 2000-11-18 00:00:00 UTC
From: William Erhardt <erhardt@mt.net>
Message-ID: <FZER5.751$ahh1.58654840@news.randori.com>
Source record: 7660

I dusted off my DSP-2232 and hooked it up to my FT-847. Question is I hear the AO-40 telemetry 59 but cannot get the DSP-2232 in DSP400bps to collect the data from the bird. Anyone else running a DSP-2232 that can offer suggestion for setting's to decode the telemetry. Thanks. erhardt@mt.net
Bill K7MT

2952. Re: MIR de-orbit 26th-28th Feb

Newsgroup: rec.radio.amateur.space
Date: 2000-11-18 00:00:00 UTC
From: "P.R.J. Shayler" <paul@g6tsf.demon.co.uk>
Message-ID: <4a1f954775paul@g6tsf.demon.co.uk>
Source record: 7661

In article <3a167893.122800222@news.idsi.net>,
<TomR@astro.net> wrote:
> On Fri, 17 Nov 2000 23:05:40 -0000, "Eavesdropper"
> <ian@eavesdropper.worldonline.co.uk> wrote:

> >I must agree on this fact, I know that the power to take something ike
> >MIR into an escape velocity situation would be quite great but surely
> >it could serve a purpoes especially as it is so large compared to a
> >satellit. There must be some use for it. ?
> >
> >ian k..

> Mir has lasted 9 years longer than originally planned. It has done
> it's job. It would cost the Russians too much to keep her up. They are
> better served to bring her down and put resources towards the ISS and
> other projects. I hate to see it go too but it's time. She will only
> continue to fail as time goes by.

> Tom

Yes, Tom is right. The money that would be required to keep MIR in state
of usablity would be best used to support ISS activities. Russia has severe
problems with financing it's currently operational comsats, wxsats etc as
well. So sad to say MIR has to be axed from the buget, the planned activity
by a commercial concern may in part be done on the ISS.

Regards, Paul G6TSF AMSAT-UK 2933

--

I'm using a Risc PC (tm) with SA-110 StrongARM (tm) RISC processor
and running RISC OS (tm)
Paul G6TSF g6tsf@amsat.org g6tsf@arrl.net

2953. Re: P3D new KEPLER??

Newsgroup: rec.radio.amateur.space
Date: 2000-11-18 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn91chto.oae.nomail@linux.pe1chl.ampr.org>
Source record: 7788

caseymc@my-deja.com <caseymc@my-deja.com> wrote:
>I agree, the track is really different than what we're used to seeing.
>But it's just because of the elliptical orbit and it is correct. The
>neat thing to watch is how long it hangs over North America. Many
>hours of fun possible. The tracks are different than we're used to
>seeing because most all of the sats launched thus far have been in
>relatively circular orbits compared to AO-40.

"all of the sats launched thus far"? You probably mean amateur satellites,
but even then the orbit of AO-13 was much more elliptical in the later
years of its life.

Of course the AO-40 orbit will be made a bit more circular, and the
inclination will be increased (so the zig-zag will occur above a more
northern latitude).

But this orbit should not look strange. It is like AO-10 and AO-13, and it
is what has been published about so many times.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

2954. Re: 400BPS DEMODULATOR FOR AO-40 TELEMETRY

Newsgroup: rec.radio.amateur.space
Date: 2000-11-18 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn91cikl.oae.nomail@linux.pe1chl.ampr.org>
Source record: 7789

Eavesdropper <ian@eavesdropper.worldonline.co.uk> wrote:
>Why in the name of god that did not make this to be compatible with a
>standard radio modem or hamcomm type interface i do not know, to me it does
>show a lack of thinking, in respect of the fact that most of the people into
>this scene either have already a hamcomm interface or a packet modem. This
>whole scene needs to get an "industry standard" of some kind based on what
>the majority of users already have, if the hobby/passion is to be carried on
>this would surely serve as a good way of helping people to stay with it and
>not to excluse those who cannot afford to buy yet MORE interfaces/modems
>/software.

It shows a lot more lack of thinking to complain about this in the way you
do above, without first reading about- and considering the design
objectives of the system.

The AO-40 telemetry system was designed to be a reliable downlink system
for telemetry (and command feedback) within the limitations of power
output, path loss, etc. It was not designed as a newspaper for every ham
on earth to read with his 741 dataslicer on the COM port.

Don't confuse the telemetry channel with a transponder. The telemetry
format is open so you can have a look at it, but it is not the prime
purpose of the satellite that every ham on earth will be looking at the
telemetry.

Even then, it would be possible to demodulate it with a sound card program.
The fact that it is not readily available in bells-and-wistles form ready
for the casual listener that will look 15 seconds and then discard it
should be pretty obvious. Not many people (including yourself) will spend
the coding effort for fame lasting that short.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

2955. Re: MIR de-orbit 26th-28th Feb

Newsgroup: rec.radio.amateur.space
Date: 2000-11-18 00:00:00 UTC
From: Hil <hils@nospam.demon.co.uk>
Message-ID: <$iQ7PQAgplF6EwN2@newearth.demon.co.uk>
Source record: 7790

In article <3a15b964@news.server.worldonline.co.uk>, Eavesdropper
<ian@eavesdropper.worldonline.co.uk> writes

>If this is the case then Tom then that's OK, providing he serves a good use
>then thats fine, as their are many people who work for years and years to
>get there, frankly it would revolt me to see someone getting there on the
>back of money.

The people involved in the space business, especially those most likely
to make personal trips to space, are all privileged. To suggest that
they "work their way" is nonsense, and anything which undermines the
state's monopoly and opens it up to more people can only be beneficial.

>Simple. take alook around you Tom and see what a slag whore dump that the
>corporate business people have made of this planet !, the future of space
>should be entirly HUMAN based with no room for profit makers and or any kind
>of profiteering body. I don't know about you but I am sick to death of
>seeing all the bullshit that surrounds this planet. It would be nice to see
>that things of a space nature would be a "fresh start" for all of humankind
>to develope from and not just another platform for the money hungry whores
>of this world to breed more of the same.

One of the beauties about space is that we have the potential to do
whatever we like there. If one is going to argue that space can be
"polluted" then anything human is a pollutant.

The worst bullshit surrounding the space business comes from those who
use it as little more than a job creation scheme for bureaucrats and
second-rate academics. That was what killed the Apollo program and it's
what's holding back space exploration now.

--
Hil

2956. PH3D Catalogued?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-18 00:00:00 UTC
From: colin <colin.knight@redhotant.com>
Message-ID: <8v5njkaql1@nnrp1.deja.com>
Source record: 7791

Is Phase 3D catalogued yet? I can't find elements for it on any site and it looks to me as the whole Arian payload hasn't been catalogued yet. Seems odd that it hasn't been picked up some 48hrs after launch. Anyone know why?
Colin

Sent via Deja.com http://www.deja.com/
Before you buy.

2957. Re: MIR de-orbit 26th-28th Feb

Newsgroup: rec.radio.amateur.space
Date: 2000-11-18 00:00:00 UTC
From: TomR@astro.net
Message-ID: <3a167893.122800222@news.idsi.net>
Source record: 7792

On Fri, 17 Nov 2000 23:05:40 -0000, "Eavesdropper"
<ian@eavesdropper.worldonline.co.uk> wrote:

>I must agree on this fact, I know that the power to take something ike MIR
>into an escape velocity situation would be quite great but surely it could
>serve a purpoes especially as it is so large compared to a satellit. There
>must be some use for it. ?
>
>ian k..

Mir has lasted 9 years longer than originally planned. It has done
it's job. It would cost the Russians too much to keep her up. They are
better served to bring her down and put resources towards the ISS and
other projects. I hate to see it go too but it's time. She will only
continue to fail as time goes by.

Tom

2958. Re: PH3D Catalogued?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-18 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn91csmb.oae.nomail@linux.pe1chl.ampr.org>
Source record: 7793

colin <colin.knight@redhotant.com> wrote:
>Is Phase 3D catalogued yet? I can't find elements for it on any site and it
>looks to me as the whole Arian payload hasn't been catalogued yet. Seems odd
>that it hasn't been picked up some 48hrs after launch. Anyone know why?
>Colin

I don't know where you are looking?

Phase 3D is now called Amsat Oscar 40. It has object designator 00072E and
catalog number 26612.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

2959. AO-40 - WOW

Newsgroup: rec.radio.amateur.space
Date: 2000-11-18 00:00:00 UTC
From: Roger Hackler <rhackler@mindspring.com>
Message-ID: <8v61il$h9q$1@nntp9.atl.mindspring.net>
Source record: 7794

Using the keps from AMSAT NA and listening on 145.896 right now the PSK telemetry is very strong here. The beautiful thing about it is that my antenna is miserable...just a vertical on my roof and using some really bad RG8 and I hear it s4. time to get some antennas!

Thanks for the great job AMSAT!

2960. Re: PH3D Catalogued?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-18 00:00:00 UTC
From: colin <colin.knight@redhotant.com>
Message-ID: <8v64t7jab1@nnrp1.deja.com>
Source record: 7795

In article <slrn91csmb.oae.nomail@linux.pe1chl.ampr.org>, nomail@rob.knoware.nl (Rob Janssen) wrote: > colin <colin.knight@redhotant.com> wrote: > >Is Phase 3D catalogued yet? I can't find elements for it on any site and it > >looks to me as the whole Arian payload hasn't been catalogued yet. Seems odd > >that it hasn't been picked up some 48hrs after launch. Anyone know why? > >Colin > > I don't know where you are looking? > > Phase 3D is now called Amsat Oscar 40. It has object designator 00072E and > catalog number 26612. > > Rob > -- That's interesting Rob - no wonder I couldn't find it. According to the Orbital Information Group 26612 is catalogued as "Unknown." I suspect USSPACECOM havn't come up with it a name for it yet. Thanks for pointing it out to me - maybe I can start chasing the thing now. Colin

Sent via Deja.com http://www.deja.com/
Before you buy.

2961. Satellite on 2m ?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-18 00:00:00 UTC
From: Andreas M <m_andi@gmx.net>
Message-ID: <8v6681$3sj$1@news.netway.at>
Source record: 7796

Hi everyone,
Listening to AO-40's beacon on 145,898 MHz (very strong sig with HB9CV antenna, quiet good sig with ground plane) I heared at about 1100-1115 UTC today and again at about 1250 UTC some voice in usb on 145,9 +/- 10 kHz here in vienna, austria. Stations working from HA, S5, YL etc. Can anyone tell me, which satellite this could have been ? Does anywhere out there a complete list of amateur satellites and operating frequencies exist ?
Thanks in advance for information!
Andy, oe1dmb

2962. Re: 400BPS DEMODULATOR FOR AO-40 TELEMETRY

Newsgroup: rec.radio.amateur.space
Date: 2000-11-18 00:00:00 UTC
From: Eavesdropper <ian@eavesdropper.worldonline.co.uk>
Message-ID: <3a169dbf@news.server.worldonline.co.uk>
Source record: 7797

"Rob Janssen" <nomail@rob.knoware.nl> wrote in message
news:slrn91cikl.oae.nomail@linux.pe1chl.ampr.org...

> It shows a lot more lack of thinking to complain about this in the way you
> do above, without first reading about- and considering the design
> objectives of the system.

not at all i think it is a perfectly valid point.
>
> The AO-40 telemetry system was designed to be a reliable downlink system
> for telemetry (and command feedback) within the limitations of power
> output, path loss, etc. It was not designed as a newspaper for every ham
> on earth to read with his 741 dataslicer on the COM port.

Path loss ?, I am often working l and S-band space comms monitoring now that
is lossy vhf is nowhere near as bad and I thought the whole point of the
satellite was for use by hams in all respects.
>
> Don't confuse the telemetry channel with a transponder. The telemetry
> format is open so you can have a look at it, but it is not the prime
> purpose of the satellite that every ham on earth will be looking at the
> telemetry.

I am quite aware of the difference between telem and transponders, my point
is that why do we all stick with the same old systems ?, surely the whole
point is experimentation and developement ?. Why was a newer and faster
system not developed ?.
>
> Even then, it would be possible to demodulate it with a sound card
program.
> The fact that it is not readily available in bells-and-wistles form ready
> for the casual listener that will look 15 seconds and then discard it
> should be pretty obvious. Not many people (including yourself) will spend
> the coding effort for fame lasting that short.
>
> Rob
> --
Well, I cannot be accused of no effort on the decode front as you may know I
ran Eavesdroppers for some years and I put a LOT of effort into getting
decoders made with no return to me and to be honestr a lot of idiots
complaining and not helping to IMPROVE the systems, frankly there is source
code around for this format and getting into a sound carded windows platform
should have been very easy !, I think the lack of thinking was on the
designers part in not allowing some time within the last TEN years to make
something so the whole community can join in on the telem side aswell.

And to show I am not just complaining I will try to get hold of an old programming friend who helped me make winflex a few times and I will see what I can do to make a free telemetry decoder for P3D athat works on a sound card nice and simple like.

Thankfully I do not suffer from "I made this therefore you must bow to me" syndrome and do not give a sod about any of that, can't make no promises but I will do my best.

I will see what I can do...now wheres that source code.....

regards

ian k.

2963. Re: Satellite on 2m ?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-18 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn91d82o.oae.nomail@linux.pe1chl.ampr.org>
Source record: 7798

Andreas M <m_andi@gmx.net> wrote:

>Hi everyone,
>Listening to AO-40's beacon on 145,898 MHz (very strong sig with HB9CV
>antenna, quiet good sig with ground plane) I heared at about 1100-1115 UTC
>today and again at about 1250 UTC some voice in usb on 145,9 +/- 10 kHz here
>in vienna, austria. Stations working from HA, S5, YL etc. Can anyone tell
>me, which satellite this could have been ? Does anywhere out there a
>complete list of amateur satellites and operating frequencies exist ?
>Thanks in advance for information!
>Andy, oe1dmb

Ah, new satellite sparks interest in old stuff :-)
This is of course RS-12/13:

Satellite #21089 : RS-12/13
Data File : tlex.dat
Element Set Number: 301 (Orbit 49050)
Element Set Epoch : 15Nov00 19:33:44.340 UTC (2.8 days ago)
Orbit Geometry : 959.00 km x 1004.13 km at 82.920 deg
Propagation Model : SGP4
Ground Station : Vienna, Austria --- JN88EF
Time Zone : UTC (+0.00 h)

Date (UTC) Time (UTC) of Duration Azimuth at Peak Vis
AOS MEL LOS of Pass AOS MEL LOS Elev

Sat 18Nov00 00:04:24 00:13:04 00:21:44 00:17:19 182 96 11 77.1* NNV
01:51:42 01:59:23 02:07:08 00:15:26 234 297 1 20.6 NNV
03:45:22 03:47:57 03:50:32 00:05:10 305 323 341 1.4 NNN
09:12:13 09:19:25 09:26:45 00:14:32 2 59 116 15.1 DDD
10:57:26 11:06:05 11:15:02 00:17:36 351 77 169 77.0* DDD
12:43:37 12:51:01 12:58:34 00:14:57 339 279 220 19.6 DDD
22:48:22 22:56:03 23:03:48 00:15:26 147 83 19 24.2 NNN

I heard it as well :-)

Rob
--
+--------------------------------+-------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+-------------------------------------+

2964. Preliminary KEPS OK?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-18 00:21:44 UTC
From: AnonMn@netscape.net
Message-ID: <3a15cb4b.159037335@news>
Source record: 7774

Are the preliminary KEPS for AO-40 posted here correct?
K5MBV

2965. Re: Preliminary KEPS OK?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-18 00:28:29 UTC
From: walnut <fred@fred.com>
Message-ID: <3A15CD2D.3CE84AEB@fred.com>
Source record: 7775

Not sure but the amsat website has some up to date keps

AnonMn@netscape.net wrote:

> Are the preliminary KEPS for AO-40 posted here correct?
> K5MBV

2966. Re: 400BPS DEMODULATOR FOR AO-40 TELEMETRY

Newsgroup: rec.radio.amateur.space
Date: 2000-11-18 00:36:40 UTC
From: Eavesdropper <ian@eavesdropper.worldonline.co.uk>
Message-ID: <3a15cf17@news.server.worldonline.co.uk>
Source record: 7776

"Clifford Buttschardt" <cbuttsch@slonet.org> wrote in message
news:Pine.GSO.3.95.1001117154249.4439B-100000@oso.slonet.org...
> Regarding "standard" AO-40 baud rates, a few facts regarding the use of
> 400 baud would be useful. First of all the system was designed in
> 1981----long before any other ham type mass marketed device was available.

exactly the reason for NOT using it, that was a LONG time ago and not much
heard of in common ham transmissions today is it.. !!

All we need now is a
> program using the sound card or EVM evaluation board to bring the system
> to "modern!" 73 to all and congratulations to AMSAT members everywhere.
> Cliff Buttschardt K7RR
>

If that was the case then fine, but where is there software to decode the
telem with sound card "only" without having to buy yet more hardware ?. why
was that not made in advance there has been many years to get ready ?.

ian

2967. Re: Amsat P3D is up and on 145.897mHz PSK.

Newsgroup: rec.radio.amateur.space
Date: 2000-11-18 00:46:01 UTC
From: kg9qm@nomail.net
Message-ID: <djkR5.14$75.5177@news1.iquest.net>
Source record: 7778
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

In addition to the beacon, there was also some SSB (USB) activity around 145.9. just a few minutes ago (0015 UTC) Stupid me, I did not write down the callsign I heard - w0 something - and he was talking about being on a satellite.

I'm new to this satellite stuff, so I'm confused as to what I heard. Either this was AO-40 or (maybe) AO-10.

Anyone - clue me in!

thanks

don

2968. Re: 400BPS DEMODULATOR FOR AO-40 TELEMETRY

Newsgroup: rec.radio.amateur.space
Date: 2000-11-18 00:46:27 UTC
From: "Alan P. Biddle" <APBIDDLE@ATEEANDTEA.NOT>
Message-ID: <u7kb1tgr2sk4eqvkffrceh2b6jkaoboa9p@4ax.com>
Source record: 7777

Chris,

Go to http://www.ccr.jussieu.fr/physio/amsat-france/index.htm and
click on WPSKDEC in the center of the screen. Fill in the form with
your information, and you can then download a program which will do
what you wish. A little rough right now, and it helps if you can read
French, but it works.

--
Alan
WA4SCA

For E-mail reply, please reply to:
Napbiddle@att.net, removing the "N"
from the front, since the other address
is reserved for spam only.

2969. Re: 400BPS DEMODULATOR FOR AO-40 TELEMETRY

Newsgroup: rec.radio.amateur.space
Date: 2000-11-18 01:23:03 UTC
From: marsgal42@hotmail.com
Message-ID: <8v4lli$j1e$1@nnrp1.deja.com>
Source record: 7779

In article <3a15cf17@news.server.worldonline.co.uk>,
"Eavesdropper" <ian@eavesdropper.worldonline.co.uk> wrote:

> (snip...)
>
> If that was the case then fine, but where is there software to decode
the
> telem with sound card "only" without having to buy yet more hardware
?. why
> was that not made in advance there has been many years to get ready ?.

If you want software, perhaps you should start writing some?

BPSK is easy to demodulate. Look at the source code for any
PSK31 program.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..." - Hospital/Shafte

Sent via Deja.com http://www.deja.com/
Before you buy.

2970. 145,898 Beacon on AO-40

Newsgroup: rec.radio.amateur.space
Date: 2000-11-18 01:43:47 UTC
From: AnonMn@netscape.net
Message-ID: <3a15de79.163948270@news>
Source record: 7780

Is this beacon on? I can't hear anything around this freq. using the AMSAT keps.
K5MBV

2971. Re: ISS and Sunsat Frequencies needed

Newsgroup: rec.radio.amateur.space
Date: 2000-11-18 02:13:54 UTC
From: "J.A." <jca1954@iprimus.com.au>
Message-ID: <3a15e525$1@news.iprimus.com.au>
Source record: 7781

Hello Rick, John here (Victoria/Australia) I am also a listener to Sunsat as well as many other satellites.

Re the latest keps I usually go to http://www.celestrak.com , click on current data, then scroll down to Amateur Radio. This will include all Hamsats as well as ISS and MIR.

I use STS Orbit for tracking.

2972. Re: which stallite track software better ?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-18 02:14:32 UTC
From: "J.A." <jca1954@iprimus.com.au>
Message-ID: <3a15e54a$1@news.iprimus.com.au>
Source record: 7782

STS Orbit !

2973. Re: Amsat P3D is up and on 145.897mHz PSK.

Newsgroup: rec.radio.amateur.space
Date: 2000-11-18 02:26:08 UTC
From: Glenn <glenn.hansen@usa.net>
Message-ID: <4NIR5.41449$U46.1258639@news1.sttls1.wa.home.com>
Source record: 7783
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner,rec.radio.shortwave

AO-40 isn't going to be operational for quite some time. It is going to take
about 9 months just to get it into orbit.

If you hear anything, it will be a beacon.

"don" <kg9qm@nomail.net> wrote in message
news:djkR5.14$75.5177@news1.iquest.net...
> In addition to the beacon, there was also some SSB (USB) activity around
> 145.9. just a few minutes ago (0015 UTC) Stupid me, I did not write down
the
> callsign I heard - w0 something - and he was talking about being on a
> satellite.
>
> I'm new to this satellite stuff, so I'm confused as to what I heard.
Either
> this was AO-40 or (maybe) AO-10.
>
> Anyone - clue me in!
>
> thanks
>
> don
>

2974. Re: 400BPS DEMODULATOR FOR AO-40 TELEMETRY

Newsgroup: rec.radio.amateur.space
Date: 2000-11-18 02:56:17 UTC
From: Eavesdropper <ian@eavesdropper.worldonline.co.uk>
Message-ID: <3a15efd3@news.server.worldonline.co.uk>
Source record: 7784

Thank you for that reply that is the kind of cooperative useful response thats needed, not some sarcastic idiot saying "why don't you try writing some".

after all do you not want to get people interested in this scene by making it easier for them to get into it or just let it die out with all the old timers who started it !.

thanks again, i will check that link out now.

ian k.

"Alan P. Biddle" <APBIDDLE@ATEEANDTEA.NOT> wrote in message news:u7kb1tgr2sk4eqvkffrceh2b6jkaoboa9p@4ax.com...
> Chris,
>
> Go to http://www.ccr.jussieu.fr/physio/amsat-france/index.htm and
> click on WPSKDEC in the center of the screen. Fill in the form with
> your information, and you can then download a program which will do
> what you wish. A little rough right now, and it helps if you can read
> French, but it works.
>
>
> --
> Alan
> WA4SCA
>
> For E-mail reply, please reply to:
> Napbiddle@att.net, removing the "N"
> from the front, since the other address
> is reserved for spam only.

2975. Re: 400BPS DEMODULATOR FOR AO-40 TELEMETRY

Newsgroup: rec.radio.amateur.space
Date: 2000-11-18 03:08:56 UTC
From: Eavesdropper <ian@eavesdropper.worldonline.co.uk>
Message-ID: <3a15f2d1@news.server.worldonline.co.uk>
Source record: 7785

> Go to http://www.ccr.jussieu.fr/physio/amsat-france/index.htm and

for those who cannot read frenchand download this here is a quick translation of the text file that comes with it...Unfortunately it is dos and NOT REAL TIM it works by decoding a wav file of pre-recorded telem. But it is a start and good for them. !!

ian k.

******* SOFTWARE OF DEMODULATION AND DECODAGE TELEMETERINGS PHASE 3CD ******** * THIS TWO SOFTWARE IS THE PROPERTY OF AMSAT-FRANCE. * THEY ARE IN VERSION LIMITEE AND AMSAT FRANCE CANNOT BE RESPONSIBLE FOR THE CONSEQUENCES OF * THEIR USE. 1-CONTENU OF THE ZIP. PSKDEM.EXE TLMDEC.EXE P3D.WAV / / recording of the telemetering of p3d in Kourou, TX Laser (1 frame) P3DTLM1.WAV / / enreg of the tlm during the tests of the ihu2 in 1999. (3 frames) 2-DESCRIPTION. The telemetering of Phase 3D can be transmitted with various modes of which more employed is a phase modulation coded out of Manchester differential. This description treats only the latter. The normal frame of telemetering consists of approximately 130 natures ' P' of synchronization character followed of a word of locking of frame of 4 bytes then of 512 characters and to finish of a CRC 16 out of two bytes. The following frame repeats this reason. The length of frame is of (130+4+512+4)*8/400 = 12.96 seconds. The frame includes/understands 256 ASCII characters follow-ups of 256 binary values. Once modulated, the signal has the appearance of that shown on modemploi.bmp. The carrying one is removed and surrounded by two arches, the unit occupying approximately 1600 Hz. With the reception, it is advisable to use the BLU and to fix the receiver so that the signal is not truncated, i.e. to place the centre frequency between 1200 and 1800 Hz. The demodulator provided by G3RUH imposes 1583Hz because of its constitution (adjustable by riders at other frequencies). 3-LOGICIELS. 3.1-INSTALATION. To create a repertory and all d&#65533;zippzer. It is highly desirable to have a software like CoolEdit or Spectrogram. 3.2-DEMODULATION. Program PSKDEM.EXE is a demodulator not real time functioning under DOS. It utilse of files WAV recorded using the Windows tape recorder or all other software allowing to record files sound. The file must be recorded with the following parameters: - format PCM

2976. Re: Amsat P3D is up and on 145.897mHz PSK.

Newsgroup: rec.radio.amateur.space
Date: 2000-11-18 05:12:49 UTC
From: treynolds@email.exide.com
Message-ID: <8v534fsqp1@nnrp1.deja.com>
Source record: 7786
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

Well, the SSB activity certainly could have been AO-10. 145.9 is near
the middle of the downlink passband, where the ops tend to hang out.

Tom

In article <4NlR5.41449$U46.1258639@news1.sttls1.wa.home.com>,
"Glenn" <glenn.hansen@usa.net> wrote:
> AO-40 isn't going to be operational for quite some time. It is going
to take
> about 9 months just to get it into orbit.
>
> If you hear anything, it will be a beacon.
>
> "don" <kg9qm@nomail.net> wrote in message
> news:djkR5.14$75.5177@news1.iquest.net...
> > In addition to the beacon, there was also some SSB (USB) activity
around
> > 145.9. just a few minutes ago (0015 UTC) Stupid me, I did not write
down
> the
> > callsign I heard - w0 something - and he was talking about being on
a
> > satellite.
> >
> > I'm new to this satellite stuff, so I'm confused as to what I heard.
> Either
> > this was AO-40 or (maybe) AO-10.
> >
> > Anyone - clue me in!
> >
> > thanks
> >
> > don
> >
>
>

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2977. Re: pager vs Meteor 3-5

Newsgroup: rec.radio.amateur.space
Date: 2000-11-18 07:00:22 UTC
From: "M. Schneider" <markinokla@juno.com>
Message-ID: <BtqR5.8554$en6.5111@newsfeed.slurp.net>
Source record: 7787

Dale,
This sounds like it might actually be an "image" reception of a 158 MHz paging freq. Check the I.F. frequency of your receiver, commonly 10.7 or 10.8 MHz, and double it, add that to 137.3 MHz, then scan in that frequency range. I bet you'll find your offending paging service. Paging services have to use powerful transmitters, and if you are using a broadband receiver, it's front end just isn't capable of blocking out the signal. PAR electronics make an excellent notch filter for the 158 MHz pagers, knocks them right out. Grove Enterprises, www.grove-ent.com carries them, as do other radio dealers. I use one myself, and it really does the trick.

Mark
K5MAR

"Dale Ireland" <direland@drdale.com> wrote in message
news:78D6C4C983BD7C6E.C63878B09292CF37.278EDBBB7CE06535@lp.airnews.net...
> Hello
> A very strong pager signal has begun on exactly the 137.3 MHz frequency
> of Meteor 3-5 here west of Seattle.
> Is this legal? Is there anything I can do about it?
> Dale
>
> --
> Dale Ireland
> 47.7N 122.7W
> Astronomy Page http://www.drdale.com
> Comets, Satellites, Eclipses, Photography, Fabrications
>

2978. OrbiTrack 2.1 for Mac

Newsgroup: rec.radio.amateur.space
Date: 2000-11-19 00:00:00 UTC
From: Jason Ingram <jason@rubberball.free-online.co.uk>
Message-ID: <B63D68D9.271D8%jason@rubberball.free-online.co.uk>
Source record: 7664

Does anybody know if there is a Y2K fix for this program, as I would like to use it, as I have a slow decrepid Mac and this program would work a treat.

Cheers

Jason
G7BSK

2979. Re: PH3D Catalogued?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-19 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn91fati.d4f.nomail@linux.pe1chl.ampr.org>
Source record: 7665

colin <colin.knight@redhotant.com> wrote:
>where you are looking? > > Phase 3D is now called Amsat Oscar 40. It has
>object designator 00072E and > catalog number 26612. > > Rob > -- That's
>interesting Rob - no wonder I couldn't find it. According to the Orbital
>Information Group 26612 is catalogued as "Unknown." I suspect USSPACECOM
>havn't come up with it a name for it yet. Thanks for pointing it out to me -
>maybe I can start chasing the thing now. Colin

There is always some confusion about object designators just after launch,
it now looks as if it has been assigned 2000-72B, catalog number 26609.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

2980. Amsat members know about details for telemetry tx ?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-19 00:00:00 UTC
From: Eavesdropper <ian@eavesdropper.worldonline.co.uk>
Message-ID: <3a17c263@news.server.worldonline.co.uk>
Source record: 7666

We are looking for comprehensive details of the P3D 400 baud telemetry format, please mail them to me if you have them as we have started the makings of a soundcard based decoder but we need your assistance to put it together.

thanks

ian k.

2981. ref: DSP-2232/FT-847

Newsgroup: rec.radio.amateur.space
Date: 2000-11-19 00:00:00 UTC
From: William Erhardt <erhardt@mt.net>
Message-ID: <NdQR5.1913$ahh1.96469344@news.randori.com>
Source record: 7667

Thanks to Alan WA4SCA for info on DSP-2232 and the 2400 baud setting for
AO-40 telemetry. It works great and am copying all fine here in Montana.
Also a big thanks to Roger W3SZ for relaying the information....

Cheers Bill K7MT

2982. Re: OrbiTrack 2.1 for Mac

Newsgroup: rec.radio.amateur.space
Date: 2000-11-19 00:00:00 UTC
From: wkrantz@voicenet.com
Message-ID: <wkrantz-1911000834130001@dialup0545-pri.dialup5.voicenet.com>
Source record: 7668

Ye, it's been updated and continues to be developed. You can write to the
author at bekdev@ieee.org. It runs great under OS 9.0.4 on our new G4
Cube. I use OrbiTrack on the desktop and PocketSat on my Pilot.

Bill Krantz
wkrantz@voicenet.com

In article <B63D68D9.271D8%jason@rubberball.free-online.co.uk>, Jason
Ingram <jason@rubberball.free-online.co.uk> wrote:

> Does anybody know if there is a Y2K fix for this program, as I would like to
> use it, as I have a slow decrepid Mac and this program would work a treat.
>
> Cheers
>
> Jason
> G7BSK

2983. Propagation & the Leonid Meteor Shower

Newsgroup: rec.radio.amateur.space
Date: 2000-11-19 00:00:00 UTC
From: Online DX Logbook <odxl@hotmail.com>
Message-ID: <8v8l56cng1@newsg3.svr.pol.co.uk>
Source record: 7669
Cross-posted to: rec.radio.amateur.space,rec.radio.shortwave

Although not a scientific experiment I monitored the Merlin Communications transmitter on 17640 kHz each day this week, recording the signal strength every second. I have compiled various graphs etc. which show that the peak of this years event was obviously the early morning of November 18th 2000.

Anyone interested in seeing the results of this none scientific experiment should check out the Resources Section of the Online DX Logbook.
--
73's
Graham Powell

Webmaster for the Online DX Logbook
The most up-to-date Shortwave and Tropical Band Loggings are always on the Online DX Logbook at:- http://www.odxl.org.uk http://www.odxl.co.uk or http://www.dxsheigra.freeserve.co.uk
==========

2984. Re: Use of Ham Callsign on CB

Newsgroup: rec.radio.amateur.space
Date: 2000-11-19 00:00:00 UTC
From: MCGWIER ROBERT <rwmcgwier@home.com>
Message-ID: <xPQR5.152663$ib7.20228192@news1.rdc1.nj.home.com>
Source record: 7670

Can any of you tell me what this has to do with
rec.radio.amateur.space. The signal-to-noise
ratio here is low enough. Please take this to
policy or alt.radio.amateur.

Bob

"CAM" <cam2338@bigfoot.com> wrote in message
news:3A050BDB.3E453D0E@bigfoot.com...
> Dick Carroll wrote:
> > That's the sort of ham you say won't be any more qualified than a
> > post-April 2000 Extra lite. As usual you're full of stinky stuff.
>
> But Dick, that *very same OT* would be condemned by you if he
> took all the exams now. That makes you a rather despicable
> character, IMO. How could that very same person be less qualified
> because he took his exams now instead of whenever it was. Why
> would you admire one 80 year old OT and despise another just
> because they took their exams at a different time?
> --
> http://www.mindspring.com/~w6rca

2985. Re: Amsat members know about details for telemetry tx ?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-19 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn91fmvv.d4f.nomail@linux.pe1chl.ampr.org>
Source record: 7671

Eavesdropper <ian@eavesdropper.worldonline.co.uk> wrote:
>We are looking for comprehensive details of the P3D 400 baud telemetry
>format, please mail them to me if you have them as we have started the
>makings of a soundcard based decoder but we need your assistance to put it
>together.

Did you check the relevant websites first?

BTW, it looks like KA9Q (an expert in the field) is going to write a
modem. Probably not a decoder, but it already exists: P3T.EXE

Rob
--
+---------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+---------------------------------+--------------------------------------+

2986. Re: AO-40 - WOW

Newsgroup: rec.radio.amateur.space
Date: 2000-11-19 00:00:00 UTC
From: ralphmw@aol.com
Message-ID: <20001119132048.29811.00000500@ng-xb1.aol.com>
Source record: 7672

I was able to hear AO-40 with a mag-mount antenna on the window sill with an S-3. Unbelievable!!!

Ralph NH6QT/3

2987. Re: Amsat members know about details for telemetry tx ?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-19 00:00:00 UTC
From: Eavesdropper <ian@eavesdropper.worldonline.co.uk>
Message-ID: <3a18314c@news.server.worldonline.co.uk>
Source record: 7673

I have some good stuff already (thanks to those who mailed it), so we now may get started on making a no nonsense soundcard decoder that require NO hardware !.

at last.

ian

"Rob Janssen" <nomail@rob.knoware.nl> wrote in message news:slrn91fmvv.d4f.nomail@linux.pe1chl.ampr.org...
> Eavesdropper <ian@eavesdropper.worldonline.co.uk> wrote:
> >We are looking for comprehensive details of the P3D 400 baud telemetry
> >format, please mail them to me if you have them as we have started the
> >makings of a soundcard based decoder but we need your assistance to put it
> >together.
>
> Did you check the relevant websites first?
>
> BTW, it looks like KA9Q (an expert in the field) is going to write a
> modem. Probably not a decoder, but it already exists: P3T.EXE
>
> Rob
> --
> +---------------------------------+--------------------------------------+
> | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
> | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
> +---------------------------------+--------------------------------------+

2988. looking for a Linuax / Unix tutorial

Newsgroup: rec.radio.amateur.space
Date: 2000-11-19 00:00:00 UTC
From: jeff <n>
Message-ID: <3a183ed0_2@news3.prserv.net>
Source record: 7674
Cross-posted to: linux.debian.maint.hams,rec.radio.amateur.digital.misc,rec.radio.amateur.space

Hi

Looking for recommendations on a "beginner"s to advance" tutorial for Linux / Unix preferably a pdf file that was intended to be read from beginning to end (not a help or reference manual).

I have seen a lot of them out there and the problem is to choose one and start learning, I can"t read them all.

So far I got:
RUTE USERS TUTORIAL by Paul Sheer
and
UNIX IS A FOUR LETTER WORD AND Vi IS A TWO LETTER ABBREVIATION by Christopher C. Taylor.
Both look good and I"m awaiting your recommendations.

THNX, Jeff

2989. Sat Ops question (sort of specific to FO-sats)

Newsgroup: rec.radio.amateur.space
Date: 2000-11-19 00:00:00 UTC
From: nx7u@primenet.com
Message-ID: <3a177278.59007875@news.primenet.com>
Source record: 7675

OK, got it all setup and I can actually hear myself (which is pretty
cool all by itself...)
Calling CQ seems easy, just call, find yourself, and listen, right?
Or not right?
And how do you answer a CQ? Guesstimate the TX freq and adjust until
you hear your reply to the station calling? Or is there a better way?
I seem to be adjusting a lot of dials very quickly, so far I have had
no results but that could be other issues.
Thanks, hope to actually work someone on FO-20 or FO-29 here soon!

2990. P3D listening

Newsgroup: rec.radio.amateur.space
Date: 2000-11-19 00:00:00 UTC
From: Tom Stiles <hamrad45@atlantic.net>
Message-ID: <MgXR5.460$uu4.213039@news1.atlantic.net>
Source record: 7676

Is the beacon on 145.88 on SSB or FM? The only thing I can pickup is data noise on 145.90 on SSB.

Thanks in advance.

--

Tom Stiles
hamrad45@atlantic.net

2991. Re: P3D listening

Newsgroup: rec.radio.amateur.space
Date: 2000-11-19 00:00:00 UTC
From: Magne Mæhre <magne@superoffice.no>
Message-ID: <3A184B99.3FA874A1@superoffice.no>
Source record: 7677

Tom Stiles wrote:
>
> Is the beacon on 145.88 on SSB or FM? The only thing I can pickup is data
> noise on 145.90 on SSB.

Neither - it's 400 baud PSK.
You can find further information on
http://www.amsat.org/amsat/sats/ao40/ao40-tlm.html

--MAgne / la1bfa

2992. Re: which stallite..SATSCAPE

Newsgroup: rec.radio.amateur.space
Date: 2000-11-19 00:00:00 UTC
From: Schneider <js@sprintmail.com>
Message-ID: <3A184F51.5329A965@sprintmail.com>
Source record: 7678

SatScape ....Down load all the files into one file I.E. "satscape" then unzip all files into the same file. This program also has voice so you can be aware of the sats. eta.

http://www.satscape.co.uk/

73's
Jeff
--
http://www.homestead.com/KK5UFO/

2993. Re: P3D listening

Newsgroup: rec.radio.amateur.space
Date: 2000-11-19 00:00:00 UTC
From: Tom Stiles <hamrad45@atlantic.net>
Message-ID: <cXZR5.463$uu4.221604@news1.atlantic.net>
Source record: 7679

Thanks for the reply, but I knew that. I am hearing what sounds like data
but I do not hear it when receiver is set to FM but do hear something when
it is set to SSB.

Thanks again for taking the time to reply.
--

Tom Stiles
hamrad45@atlantic.net

"Magne M&#65533;hre" <magne@superoffice.no> wrote in message
news:3A184B99.3FA874A1@superoffice.no...
> Tom Stiles wrote:
> >
> > Is the beacon on 145.88 on SSB or FM? The only thing I can pickup is
data
> > noise on 145.90 on SSB.
>
> Neither - it's 400 baud PSK.
> You can find further information on
> http://www.amsat.org/amsat/sats/ao40/ao40-tlm.html
>
> --MAgne / la1bfa

2994. P3D Telemetry Stopped

Newsgroup: rec.radio.amateur.space
Date: 2000-11-19 00:00:00 UTC
From: William Erhardt <erhardt@mt.net>
Message-ID: <uS_R5.2126$ahh1.124584318@news.randori.com>
Source record: 7680

Howdy from Helena, Montana - I noticed the P3D 400bps telemetry went off the air abruptly at 2335 GMT this evening while I was copying. It stopped mid stream of a data block and the signal was a good 59. Ground controllers might have taken over ?

Bill K7MT

2995. P3d /Ao 40

Newsgroup: rec.radio.amateur.space
Date: 2000-11-19 02:56:03 UTC
From: Graham Ranft <ranftg@interact.net.au>
Message-ID: <aiHR5.16$0j2.389217@news.interact.net.au>
Source record: 7662

To all @ Amsat congratulations!

Im really pleased to hear that it appears well!

Graham [formerly] VK7ZO in Canberra Australia

.

2996. Re: Satellite on 2m ?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-19 05:52:10 UTC
From: Dennis Kaylor <k4oxg@earthlink.net>
Message-ID: <3A176A88.48458C93@earthlink.net>
Source record: 7663

hi andy
i am not sure what satellite you heard but if you go to www.amsat.org they have
a complete list of sats and the freqs you need
good luck

Andreas M wrote:

> Hi everyone,
> Listening to AO-40's beacon on 145,898 MHz (very strong sig with HB9CV
> antenna, quiet good sig with ground plane) I heared at about 1100-1115 UTC
> today and again at about 1250 UTC some voice in usb on 145,9 +/- 10 kHz here
> in vienna, austria. Stations working from HA, S5, YL etc. Can anyone tell
> me, which satellite this could have been ? Does anywhere out there a
> complete list of amateur satellites and operating frequencies exist ?
> Thanks in advance for information!
> Andy, oe1dmb

2997. Re: P3D listening

Newsgroup: rec.radio.amateur.space
Date: 2000-11-20 00:00:00 UTC
From: magne@superoffice.no
Message-ID: <8FF26FB4Fmagne@148.122.208.74>
Source record: 7682

hamrad45@atlantic.net (Tom Stiles) wrote in
<cXZR5.463$uu4.221604@news1.atlantic.net>:

>Thanks for the reply, but I knew that. I am hearing what sounds
>like data but I do not hear it when receiver is set to FM but do
>hear something when it is set to SSB.
>
>Thanks again for taking the time to reply.

I'm a bit confused here...
The signal is 400 bps PSK telemetry, which is "data" transmission.
You would normally use SSB mode on your receiver to receive this
signal, and demodulate it in a separate modem (see the thread(s)
about software demodulators).

You can't use FM to demodulate this kind of signal, but you should
be able to hear a "whizz" in FM-mode (an increase in the noise)
when tuning over the telemetry channel.

--Magne / la1bfa

2998. Re: P3D listening

Newsgroup: rec.radio.amateur.space
Date: 2000-11-20 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn91hpai.ld0.nomail@linux.pe1chl.ampr.org>
Source record: 7683

Tom Stiles <hamrad45@atlantic.net> wrote:
>Thanks for the reply, but I knew that. I am hearing what sounds like data
>but I do not hear it when receiver is set to FM but do hear something when
>it is set to SSB.

It is normal to copy this telemetry using SSB.

Rob
--
+--------------------------------+-------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+-------------------------------------+

2999. Everything about the new ICOM IC-R3 Scanner

Newsgroup: rec.radio.amateur.space
Date: 2000-11-20 00:00:00 UTC
From: a@b.com
Message-ID: <EU6S5.64426$4U6.2700253@news1.rdc2.on.home.com>
Source record: 7684
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.space,rec.radio.amateur.swap

Everything about the new ICOM IC-R3 Scanner

http://www.egroups.com/group/ic-r3

3000. Re: P3D listening

Newsgroup: rec.radio.amateur.space
Date: 2000-11-20 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn91hvds.ld0.nomail@linux.pe1chl.ampr.org>
Source record: 7685

Magne Mï¿½hre <magne@superoffice.no> wrote:
>hamrad45@atlantic.net (Tom Stiles) wrote in
><cXZR5.463$uu4.221604@news1.atlantic.net>:

>>Thanks for the reply, but I knew that. I am hearing what sounds
>>like data but I do not hear it when receiver is set to FM but do
>>hear something when it is set to SSB.

>>Thanks again for taking the time to reply.

>I'm a bit confused here...
>The signal is 400 bps PSK telemetry, which is "data" transmission.
>You would normally use SSB mode on your receiver to receive this
>signal, and demodulate it in a separate modem (see the thread(s)
>about software demodulators).

>You can't use FM to demodulate this kind of signal, but you should
>be able to hear a "whizz" in FM-mode (an increase in the noise)
>when tuning over the telemetry channel.

Well, when it is not too strong in SSB you won't hear a thing on FM...
especially when you don't anticipate it being there.

"proof": when I was trying to listen last sunday, I heard a distant FM
QSO on 145.900 MHz. I could not find out who it was, and if they were
trying to work over a satellite. It did, however, sound like a
sunday-afternoon local chat. I'm afraid stations like that won't notice
the telemetry at all.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

3001. Re: which stallite..SATSCAPE

Newsgroup: rec.radio.amateur.space
Date: 2000-11-20 00:00:00 UTC
From: Paul <pmartin@bright.net>
Message-ID: <qXbS5.1320$As3.104485@cletus.bright.net>
Source record: 7686

For me Satscape is THE BEST, period.>

3002. Re: Looking for CLEAR psd telem WAV

Newsgroup: rec.radio.amateur.space
Date: 2000-11-20 00:00:00 UTC
From: Eavesdropper <ian@eavesdropper.worldonline.co.uk>
Message-ID: <3a192807@news.server.worldonline.co.uk>
Source record: 7687

got quite a few now , thanks to all who have sent them I will be passing
them onto the coders.

many thanks

ian k..

"Eavesdropper" <ian@eavesdropper.worldonline.co.uk> wrote in message
news:3a1883ba@news.server.worldonline.co.uk...
> We are making progress i understand with the P3D telemetry decoder (sound
> card), but we need a clear wavfile of the p3d telemetry beacon the ones
> avaliable on F amsat are apparently noisy or clipped.
>
> Please e-mail me on eif you have it but it must be as clear as possible if
> you can.
>
> thanks
> ian
>
>

3003. Re: looking for a Linuax / Unix tutorial

Newsgroup: rec.radio.amateur.space
Date: 2000-11-20 00:00:00 UTC
From: Art Norman <artn@xetron.com>
Message-ID: <3a195711$1@news.xetron.com>
Source record: 7688

I've been spending my lunch hour at THE source -
http://www.linux.org/lessons/index.cgi

Art N2ERI (Crossposts reduced to group I found request in)
"jeff" <n> wrote in message news:3a183ed0_2@news3.prserv.net...
> Hi
>
> Looking for recommendations on a "beginner's to advance" tutorial for
Linux
> / Unix preferably a pdf file that was intended to be read from beginning
to
> end (not a help or reference manual).
>
> I have seen a lot of them out there and the problem is to choose one and
> start learning, I can't read them all.
>
> So far I got:
> RUTE USERS TUTORIAL by Paul Sheer
> and
> UNIX IS A FOUR LETTER WORD AND Vi IS A TWO LETTER ABBREVIATION by
> Christopher C. Taylor.
> Both look good and I'm awaiting your recommendations.
>
> THNX, Jeff
>
>
>
>
>
>

3004. Re: P3D listening

Newsgroup: rec.radio.amateur.space
Date: 2000-11-20 00:00:00 UTC
From: marsgal42@hotmail.com
Message-ID: <8vbmar$jp6$1@nnrp1.deja.com>
Source record: 7689

In article <slrn91hpai.ld0.nomail@linux.pe1chl.ampr.org>,
nomail@rob.knoware.nl (Rob Janssen) wrote:

> It is normal to copy this telemetry using SSB.

Yes. I did it yesterday afternoon (2315 UTC, IC-202 and a
dipole, range about 15000 km).

What you are in fact doing is shifting the frequency of a
145.9 MHz BPSK signal to audio with a tunable downconverter.
This is what SSB radios do.

You could demodulate the VHF signal directly. In view
of the ease of downconverting it to audio, this would
be far more trouble than it's worth.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..." - Hospital/Shafte

Sent via Deja.com http://www.deja.com/
Before you buy.

3005. Re: Sat Ops question (sort of specific to FO-sats)

Newsgroup: rec.radio.amateur.space
Date: 2000-11-20 00:00:00 UTC
From: treynolds@email.exide.com
Message-ID: <8vc0oatft1@nnrp1.deja.com>
Source record: 7690

Glad to hear another op on the FO birds. They are real nice, just
under utilized. Anyhow, calling CQ in the way you describe is just
fine. After the CQ, tune around +/- 10 KHz of your downlink freq for
answers. Some guys with humble stations (like me) may not be right on.

73s,
Tom

In article <3a177278.59007875@news.primenet.com>,
nx7u@arrl.net wrote:
> OK, got it all setup and I can actually hear myself (which is pretty
> cool all by itself...)
> Calling CQ seems easy, just call, find yourself, and listen, right?
> Or not right?
> And how do you answer a CQ? Guesstimate the TX freq and adjust until
> you hear your reply to the station calling? Or is there a better way?
> I seem to be adjusting a lot of dials very quickly, so far I have had
> no results but that could be other issues.
> Thanks, hope to actually work someone on FO-20 or FO-29 here soon!
>

Sent via Deja.com http://www.deja.com/
Before you buy.

3006. Looking for CLEAR psd telem WAV

Newsgroup: rec.radio.amateur.space
Date: 2000-11-20 01:51:56 UTC
From: Eavesdropper <ian@eavesdropper.worldonline.co.uk>
Message-ID: <3a1883ba@news.server.worldonline.co.uk>
Source record: 7681

We are making progress i understand with the P3D telemetry decoder (sound card), but we need a clear wavfile of the p3d telemetry beacon the ones avaliable on F amsat are apparently noisy or clipped.

Please e-mail me on eif you have it but it must be as clear as possible if you can.

thanks
ian

3007. Re: DSP-2232/FT-847

Newsgroup: rec.radio.amateur.space
Date: 2000-11-21 00:00:00 UTC
From: Christopher Cox <cobox@urec.net>
Message-ID: <01c053bb$63725180$78c8a8c0@CBX-NT>
Source record: 7691

Well, what where the settings?

I tried the DSP-2232 in modem 44 mode and cannot see anything that resembles a data packet. I will be the first to acknowledge that I am a complete novice on the DSP-2232 operation.

I am using a terminal connected to the device, not P3t.

Regards

Christopher Cox
KC8FRJ

William Erhardt <erhardt@mt.net> wrote in article
<NdQR5.1913$ahh1.96469344@news.randori.com>...
> Thanks to Alan WA4SCA for info on DSP-2232 and the 2400 baud setting for
> AO-40 telemetry. It works great and am copying all fine here in Montana.
> Also a big thanks to Roger W3SZ for relaying the information....
>
> Cheers Bill K7MT
>
>
>

3008. Re: DSP-2232/FT-847

Newsgroup: rec.radio.amateur.space
Date: 2000-11-21 00:00:00 UTC
From: "Alan P. Biddle" <APBIDDLE@ATEEANDTEA.NOT>
Message-ID: <rq3l1t4pon1ab1s5dfsdhvk5ipn9veb9nm@4ax.com>
Source record: 7692

Chris,

Make certain AWLEN is set to 8. This will be needed for P3T. At the command prompt, type DSP and watch the STATUS window on the 2232. It should first say "Loading Modem 44" and display "DSPdat." If you are uncertain about the modem, type at the command prompt Modem <enter> and it should reply 44. If not, type Modem 44 <enter>. You should now be set up with the 2232.

Select SSB. Upper or lower work just as well, though the tuning frequency will shift a bit. Tune through the signal. Note the DCD light should come on. Tune for maximum signal by ear. There should be a single bar lit in the Port 1 tuning window. Tune the radio, SLOWLY, to center the bar. The bar position updates very slowly, as if the software only does so when it has time. So tune 200 Hz or less, wait for a response, and then adjust again.

You should be seeing lots of stuff in your terminal program. Some text, and lots of control characters. What you see depends on what you have your terminal program set for. That isn't important here.

One thing to consider is there have been a number of reports that P3T does not work at certain serial ports speeds. Unfortunately, the reports do not all agree. I can get everything but 19k2 to work. Everybody gets 1200 baud to work. So, it might be safer to set the 2232 to Tbaud 1200 and then restart before exiting.

Now start P3T, set it for your Tbaud rate. Note that after you spin the box you need to click on the speed and highlight it. Also select a 512 rather than 514 blocks. Exit P3T to save the settings and then restart. Check to make certain your changes took. Click raw, and you should be getting at least something. Note that at times the control stations switch to a completely different TLM string while they are doing something. The way to verify this is that you do NOT see plane text at your terminal program.

Hope this helps.

--
Alan
WA4SCA

For E-mail reply, please reply to:
Napbiddle@att.net, removing the "N"
from the front, since the other address
is reserved for spam only.

3009. Recording of RS-12's 2m Beacon....

Newsgroup: rec.radio.amateur.space
Date: 2000-11-21 00:00:00 UTC
From: N1RZ <n1rz@timhavens.com>
Message-ID: <uExS5.1816$1Z3.66409@e420r-sjo3.usenetserver.com>
Source record: 7693

Here is a RealAudio recording of RS12's beacon I made from the 2m beacon
Today.

http://www.timhavens.com/n1rz/recordings/rs12-200011211405appx.rm

There are a few more recordings at:

http://www.timhavens.com/n1rz/recordings/index.html

The RS12 beacon was S5-7 here in FN44ei on my horizonal K1FO 12 ele 2m Beam
@ 35'.

I thought I heard it last week sometime....but now I'm sure ;-)

Enjoy....

Tim

3010. DSP-2232 New Modems???

Newsgroup: rec.radio.amateur.space
Date: 2000-11-21 00:00:00 UTC
From: Peter Bealo <pbealo@mediaone.net>
Message-ID: <LJxS5.16214$M51.4945449@typhoon.ne.mediaone.net>
Source record: 7694

Hi,

I noticed the spate of new DSP-2232 qusetions recently, so thought it time
to ask again about support.

Is anyone out there writing new modem firmware/software for this box?

Peter
WB2MJG
Plaistow, NH

3011. Re: DSP-2232 New Modems???

Newsgroup: rec.radio.amateur.space
Date: 2000-11-21 00:00:00 UTC
From: "Alan P. Biddle" <APBIDDLE@ATEEANDTEA.NOT>
Message-ID: <chal1t841cct4jhs1ob3njp2a13v2rghea@4ax.com>
Source record: 7695

Peter,

One of the original developers, no longer affiliated with
AEA/Timewave, is working on an uploadable modem which will support the
new 514 byte TLM format with the CRC bytes. That will be done when it
is done, and then released after testing. Other than that, I am not
aware of anything. Timewave toyed with the idea of a major upgrade,
but that vanished when they went to Chapter 11. Sorry.

--
Alan
WA4SCA

For E-mail reply, please reply to:
Napbiddle@att.net, removing the "N"
from the front, since the other address
is reserved for spam only.

3012. Re: which stallite track software better ?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-21 00:00:00 UTC
From: Rainer Redweik <Rainer.Redweik@t-online.de>
Message-ID: <8velbu$15a$04$1@news.t-online.com>
Source record: 7696

"ta2ad" <ta2ad@yahoo.com> schrieb im Newsbeitrag
news:3a144581@post.usenet.com...
> **** Post for FREE via your newsreader at post.usenet.com ****
>
> please help
> software name and adress
> 73`s A . Sua TORTU TA2AD
...

Try 'WXtrack' from David J Taylor, Edinburgh
Web site: http://www.david-taylor.pwp.blueyonder.co.uk/

It's special for weather satellites, but it shows you also the
information from others.

Regards,
Rainer

3013. Andrew Hard line 4-sale LDF5-50A

Newsgroup: rec.radio.amateur.space
Date: 2000-11-21 00:00:00 UTC
From: NS1Z <ns1z@arrl.net>
Message-ID: <3a1ae668_1@news.cybertours.com>
Source record: 7697

I have Andrew 50 ohm hardline, model LDF5-50A for sale. I would like to get $2.50 per foot with shipping to be arranged by the buyer. I have a quantity of 1350 feet in a new, untouched factory roll available in addition to a partial roll with about 350 feet used off it (800-900 feet left).

Loss is about 3 dB @ 6gHz. This is the perfect feed line for the new microwave bands of AO-40!!

I can, possibly, arrange to deliver in the New England area using my pickup truck. Expenses to be negotiated before hand.

My info is in the signature block below.

John Wilcox NS1Z
871 Route 120
Rumford, ME 04276-3836
207-364-2246
207-364-2505 (fax)
FN44RN

3014. Powering satellites with magnets?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-21 00:00:00 UTC
From: Cathryn Mataga <cathryn@junglevision.com>
Message-ID: <3A1AED91.5FAB291D@junglevision.com>
Source record: 7698

If a satellite had an elliptical orbit, that brought it through the magnetic field of the earth, could you get enough current to power a small satellite? I was wondering if maybe you could launch a little box, with a transmitter on it, that could spit out like a big loop of wire. Use the current to charge a capacitor or something, to power a transmitter.

3015. Re: Powering satellites with magnets?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-21 00:00:00 UTC
From: Fred Hambrecht <Fred@w4jle.com>
Message-ID: <8vevnt$fo2$1@iac5.navix.net>
Source record: 7699

It was done on an earlier shuttle flight, the voltages were enormous! I
don't remember the particulars, but it was several miles of wire strung out
behind the shuttle.

"Cathryn Mataga" <cathryn@junglevision.com> wrote in message
news:3A1AED91.5FAB291D@junglevision.com...
> If a satellite had an elliptical orbit, that brought it through
> the magnetic field of the earth, could you get enough current
> to power a small satellite? I was wondering if maybe you could
> launch a little box, with a transmitter on it, that could spit
> out like a big loop of wire. Use the current to charge a
> capacitor or something, to power a transmitter.

3016. Satellite digital modes question

Newsgroup: rec.radio.amateur.space
Date: 2000-11-21 00:00:00 UTC
From: Bob Morehouse <nobobmorespam@pacifier.com>
Message-ID: <3A1B5ACE.8D3FD844@pacifier.com>
Source record: 7700

Can someone who's in the know fill in a few answers for me about the different digital formats?

How do the FSK and PSK modes relate to what is also known as G3RUH and K9NG formats? What satellites could I work with a PK-96, which does 9600 baud K9NG and G3RUH formats, as well as 1200 baud Bel-202 compatibility, with a TAPR modem disconnect header?

Thanks.
Bob, KB7ADO

Do not use REPLY button
If replying direct, send to: bobmore@pacifier.com

3017. Re: Powering satellites with magnets?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-21 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn91lvo7.cmc.nomail@linux.pe1chl.ampr.org>
Source record: 7701

Cathryn Mataga <cathryn@junglevision.com> wrote:

>If a satellite had an elliptical orbit, that brought it through
>the magnetic field of the earth, could you get enough current
>to power a small satellite? I was wondering if maybe you could
>launch a little box, with a transmitter on it, that could spit
>out like a big loop of wire. Use the current to charge a
>capacitor or something, to power a transmitter.

If that would work, you would have to consider that you are tapping
on the kinetic energy of the satellite. I.e. you are breaking it and
it will fall back to earth sooner than it would without it.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

3018. Re: Satellite digital modes question

Newsgroup: rec.radio.amateur.space
Date: 2000-11-22 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn91n885.cmc.nomail@linux.pe1chl.ampr.org>
Source record: 7711

Bob Morehouse <nobobmorespam@pacifier.com> wrote:
>Can someone who's in the know fill in a few answers for me about the
>different digital formats?

>How do the FSK and PSK modes relate to what is also known as G3RUH and
>K9NG formats? What satellites could I work with a PK-96, which does
>9600 baud K9NG and G3RUH formats, as well as 1200 baud Bel-202
>compatibility, with a TAPR modem disconnect header?

G3RUH/K9NG = 9600 bps FSK
Bell-202 = 1200 bps AFSK

The first is used by a couple of packet satellites, mainly those from UoS.
(Uosat, kitsat etc)

The second was put on board the Arsene satellite, but it never worked.
It was also used on MIR, and probably will be used on ISS (if only to
indicate that there is no progress in amateur radio).

PSK modes:
1200 bps PSK is used on JAS and some American packet satellites (pacsat etc)
400 bps PSK is used for telemetry on Phase 3 satellites.

These modes cannot be received with a PK-96.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

3019. Re: DSP-2232 New Modems???

Newsgroup: rec.radio.amateur.space
Date: 2000-11-22 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn91n9a4.cmc.nomail@linux.pe1chl.ampr.org>
Source record: 7712

Randall R. Gawtry. <rgawtry@timewave.com> wrote:
>7. This discussion is about the DSP-2232 only and does not reflect on any
>other Timewave products, past, present or future!

Maybe it would be a good idea to look again at a versatile DSP box for
amateur radio, but then not driven by obsolete Z-80 technology.
The box does not need processing power aside of the DSP, as the PC in every
shack is more than capable of performing the tasks that the Z-80 performed
in the days when it was assumed the box was used with a dumb terminal.

A modern box could be USB-connected and would only do the modem and/or
filtering functions. The DSP code would be downloaded by an application
running on the PC. This application would also perform all of the higher-
level functionality, which is now split between the Z-80 and the pakratt
program running on the PC.

The box would have both audio inputs and outputs (and a headset/amplified
speaker connection). At most there would be some simple control features
(a couple of buttons and maybe a knob with a shaft encoder), which can
be read by the PC application and used to adjust some parameters while
operating the transceiver.

Such a device could be built from a really small number of components
similar to those found in very common PC devices. So even at a low
volume, the component price should be no real problem.

Of course, one can also just use the soundcard. It requires some more
CPU power from the PC, but it has an unbeatable price.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

3020. Re: DSP-2232 New Modems???

Newsgroup: rec.radio.amateur.space
Date: 2000-11-22 00:00:00 UTC
From: Peter Bealo <pbealo@mediaone.net>
Message-ID: <ZVNS5.17419$M51.5341006@typhoon.ne.mediaone.net>
Source record: 7713

Randall,

As someone involved in Marketing capital equipment for 20 years now I find your position quite reasonable. At some point a company has to move on, and when it is patently unprofitable to manufacture the product, that's a good time. It is actually interesting that you did the exeriment of doing a final run and trying various price-points, most companies would not have gobne to such lengths.

You separated firmware from DSP software development in your attached note. The implication is that a knowledgable person could write the DSP code without futzing about in your firmware and get it loaded into the machine. That's great! How does one find sufficient information on the DSP side of the 2232 box to allow this to happen? Is there a document available that would give an experienced DSP programmer enough knowledge of how to write for the 2232 and get the code into the box (without screwing up everything else!!) that may be made available? Of course, Timewave would need to make it VERY OBVIOUS that they are not responsible for 3rd party errors/mistakes. Twer I them, I'm not sure I'd even want to offer to distrubute freeware/shareware just in case some code did have problems....but I guess having enough disclaimers would make it OK.

Anyhow, thanks for the response, and you were right, you did raise a question or two...

Best Regards,
Peter
WB2MJG

"Randall R. Gawtry." <rgawtry@timewave.com> wrote in message news:8vfqmb$v5t$1@newsfeed.minn.net...
> Since the sucessful launch of P3D/AO-40, we have had numerous inquiries about
> the DSP-2232, ranging from how can someone get a new one to requests for info
> about 400 bps PSK demodulation. I'll try to clear up a few things about the
> DSP-2232 from the Timewave viewpoint. I am sure this will raise a few more
> questions (and opinions!). I will try to reply to those additional inquiries
> which can be answered.
>
> 1. The DSP-2232 is no longer in production. Timewave does not plan to produce
> additional units because the marketplace has proven it will not support

the
> approximate $1000.00 price we would have to charge to make a reasonable
profit
> on a run of 100 units. This price is driven by the parts availability and
> cost, as well as the assembly cost. In 1997, we offered about 60 units
for
> sale at about $700 each. We only sold about 2 units. Then we lowered the
> price to $500 each. They sold out within a couple of months. Believe me,
> selling these units at $500.00 is NOT profitable! IF we had a solid order
for
> at least fifty units, we would consider producing a special run just to
fill
> that order. We would not produce extra units on a special run on a
> speculative basis. The possibility of a special order is predicated on
the
> availability of obsolete and hard-to-find parts!
>
> 2. Approximately 1500 DSP-2232s have been produced. We estimate as many as
500
> units are in commercial and government service and are not candidates for
> upgrades. Other units have been destroyed by lightning, put on the shelf
or
> lost. It is not clear how many fall in this category, but 100 is a
reasonable
> number. Allowing for inaccuracies in these estimates, perhaps 1000 units
> exist in the amateur service today.
>
> 3. The firmware source code will not be placed into the public domain.
The
> code is shared among several products (PK-232, PK-900, PK-96, IDR-96) and
we
> cannot give away our intellectual property for competitive, legal and
> financial reasons.
>
> 4. We have no software/firmware upgrades planned for the DSP-2232. It
does
> not appear to be economically feasible nor a good use of our resources.
> (That's not a statement we like to make, nor do we take it lightly, but it
is
> true).
>
> 5. Timewave will support any 3rd party (including former DSP-2232
developers)
> who can and will provide downloadable DSP modem programs for the DSP-2232.
If
> the 3rd party offers the downloadable DSP code to the amateur community
at no
> cost or on a shareware basis, we will post it on our website for
downloading
> without charge.

>
> 6. Timewave does service and offers tech support on the DSP-2232.
>
> 7. This discussion is about the DSP-2232 only and does not reflect on any
> other Timewave products, past, present or future!
>
>
> In article <chal1t841cct4jhs1ob3njp2a13v2rghea@4ax.com>, Alan P. Biddle
> <APBIDDLE@ATEEANDTEA.NOT> wrote:
> >Peter,
> >
> >One of the original developers, no longer affiliated with
> >AEA/Timewave, is working on an uploadable modem which will support the
> >new 514 byte TLM format with the CRC bytes. That will be done when it
> >is done, and then released after testing. Other than that, I am not
> >aware of anything. Timewave toyed with the idea of a major upgrade,
> >but that vanished when they went to Chapter 11. Sorry.
> >
> >

3021. Re: DSP-2232 New Modems???

Newsgroup: rec.radio.amateur.space
Date: 2000-11-22 00:00:00 UTC
From: rgawtry@timewave.com
Message-ID: <8vgi18$149$1@newsfeed.minn.net>
Source record: 7714

In article <slrn91n9a4.cmc.nomail@linux.pe1chl.ampr.org>, nomail@rob.knoware.nl (Rob Janssen) wrote:
>Randall R. Gawtry. <rgawtry@timewave.com> wrote:
>>7. This discussion is about the DSP-2232 only and does not reflect on any
>>other Timewave products, past, present or future!
>
>Maybe it would be a good idea to look again at a versatile DSP box for
>amateur radio, but then not driven by obsolete Z-80 technology.
>The box does not need processing power aside of the DSP, as the PC in every
>shack is more than capable of performing the tasks that the Z-80 performed
>in the days when it was assumed the box was used with a dumb terminal.
>
>A modern box could be USB-connected and would only do the modem and/or
>filtering functions. The DSP code would be downloaded by an application
>running on the PC. This application would also perform all of the higher-
>level functionality, which is now split between the Z-80 and the pakratt
>program running on the PC.
>
>The box would have both audio inputs and outputs (and a headset/amplified
>speaker connection). At most there would be some simple control features
>(a couple of buttons and maybe a knob with a shaft encoder), which can
>be read by the PC application and used to adjust some parameters while
>operating the transceiver.
>
>Such a device could be built from a really small number of components
>similar to those found in very common PC devices. So even at a low
>volume, the component price should be no real problem.
>
>
>Of course, one can also just use the soundcard. It requires some more
>CPU power from the PC, but it has an unbeatable price.
>
>Rob

Rob,
Thank you for your your comments. Rest assured that a device such as you describe is among the several options we have investigated for the ham market (and for related markets). We even started into a design (the DSP-2232zx) that incorporated a newer architecture, but decided not to pursue that particular design for marketing and financial reasons. Obviously, we are continually monitoring the ham market and the available DSP software and hardware technology, but we will not disclose our precise technical or marketing strategy (Not that it wouldn't be fun to discuss it on a newsgroup!). Our future products and marketing efforts will have to speak for

themselves.

I just realized that I didn't sign my last post to this news group, so I will correct that now.

73 es tu,

Randy Gawtry
President
Timewave Technology Inc.

3022. Re: DSP-2232/FT-847 Rats.....

Newsgroup: rec.radio.amateur.space
Date: 2000-11-22 00:00:00 UTC
From: Christopher Cox <cobox@urec.net>
Message-ID: <01c0548a$a94d2840$78c8a8c0@CBX-NT>
Source record: 7715

```
Rats! Nothing.......

cmd:MODEM 44
MODem was 12
MODem now 44
cmd:*** WARNING: Wrong modem for PAcket
ALWIN 8
?What?
cmd:AWLEN 8
AWlen was 8
AWlen now 8
cmd:modem
MODem 44
cmd:monitor
Monitor 4/4 (UA DM C D I UI)
cmd:
```

3023. Re: DSP-2232/FT-847 Rats.....

Newsgroup: rec.radio.amateur.space
Date: 2000-11-22 00:00:00 UTC
From: "Alan P. Biddle" <APBIDDLE@ATEEANDTEA.NOT>
Message-ID: <g7kn1ts4scrpo46njpolmoh26q2ph1bmel@4ax.com>
Source record: 7716

Chris,

Try this:

cmd:AWLEN
AWlen 8
cmd:DSP
Opmode was PAcket
Opmode now DSPdata
cmd:MODEM
MODem 44
cmd:

You must be in the DSPData mode, which should automatically select the
correct modem 44.

--
Alan
WA4SCA

For E-mail reply, please reply to:
Napbiddle@att.net, removing the "N"
from the front, since the other address
is reserved for spam only.

3024. Re: DSP-2232 New Modems???

Newsgroup: rec.radio.amateur.space
Date: 2000-11-22 00:00:00 UTC
From: Bill <710138@ican.net>
Message-ID: <_mQS5.152$lS1.21622914@news1.pvt.primus.ca>
Source record: 7717

Randall R. Gawtry. <rgawtry@timewave.com> wrote in message
news:8vfqmb$v5t$1@newsfeed.minn.net...
> Since the sucessful launch of P3D/AO-40, we have had numerous inquiries
about
> the DSP-2232, ranging from how can someone get a new one to requests for
info

After reading this thread.....I am wondering about the DSP-2232 unit. I had one when they first appeared but sold it later to work on other projects. Now with the AO-40 coming online I have info on a used unit.

Being away from the satellite/packet aspects, and wondering about these posts regarding this unit, "Is this still a good box to use".
I do not want to turn this thread into a "is better than that box thread", just to get some info on the DSP-2232 and its current standing in the ham community.

Maybe there are newer boxes that will work better for sat/packet.

Bill Booth
VE3NXK

3025. Re: DSP-2232 New Modems???

Newsgroup: rec.radio.amateur.space
Date: 2000-11-22 00:00:00 UTC
From: rgawtry@timewave.com
Message-ID: <8vgm6o$1bt$1@newsfeed.minn.net>
Source record: 7718

Thank you, Peter. Your insight and comments are accurate. My comments are embedded below.

I neglected to sign my previous post. I'll corect that now.

73 es tu,
Randy Gawtry,
President
Timewave Technology Inc.

In article <ZVNS5.17419$M51.5341006@typhoon.ne.mediaone.net>, "Peter Bealo" <pbealo@mediaone.net> wrote:
>Randall,
>
>As someone involved in Marketing capital equipment for 20 years now I find
>your position quite reasonable. At some point a company has to move on, and
>when it is patently unprofitable to manufacture the product, that's a good
>time. It is actually interesting that you did the exeriment of doing a final
>run and trying various price-points, most companies would not have gobne to
>such lengths.
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>You separated firmware from DSP software development in your attached note.
>The implication is that a knowledgable person could write the DSP code
>without futzing about in your firmware and get it loaded into the machine.
>That's great! How does one find sufficient information on the DSP side of
>the 2232 box to allow this to happen? Is there a document available that
>would give an experienced DSP programmer enough knowledge of how to write
>for the 2232 and get the code into the box (without screwing up everything
>else!!) that may be made available?
The DSP-2232 has a command "QLoad" that sets the DSP-2232 to load DSP modem software through the serial port. There is a half page outline of the process in the DSP-2232 manual, but it does not discuss the details of a user modem design, only how and where to load the user modem program into RAM so that it may be used like the other modems in the DSP-2232. Unfortunately, we have been unable to locate a document that goes beyond this command description in the manual. If there is such a document, it is buried deeply in the AEA engineering archives - we have looked because this is not the first request for more information on this subject! Given the schematic, the description in manual, some experimenting and perseverence, a competent DSP programmer should be able to write modems for the DSP-2232. Our programmers have told me they could do it, but we simply have no resources to allocate to it, as I mentioned earlier. It is possible that there may be copies of a programming document that we don't have, or that some who has written a modem for the DSP-2232 will be willing to share his or her knowledge with the ham community. If so, we will be willing to post it on our website.

>Of course, Timewave would need to make it VERY OBVIOUS
that they are not responsible for 3rd party errors/mistakes.
>Twer I them, I'm not sure I'd even want to offer to distrubute
>freeware/shareware just in case some code did have problems....but I guess
>having enough disclaimers would make it OK.
You have a very clear picutre of our position!

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>Anyhow, thanks for the response, and you were right, you did raise a
>question or two...

>
>Best Regards,
>Peter
>WB2MJG
>
>"Randall R. Gawtry." <rgawtry@timewave.com> wrote in message
>news:8vfqmb$v5t$1@newsfeed.minn.net...
>> Since the sucessful launch of P3D/AO-40, we have had numerous inquiries
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>> 1. The DSP-2232 is no longer in production. Timewave does not plan to
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>> approximate $1000.00 price we would have to charge to make a reasonable
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>> on a run of 100 units. This price is driven by the parts availability and
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>> sale at about $700 each. We only sold about 2 units. Then we lowered the
>> price to $500 each. They sold out within a couple of months. Believe me,
>> selling these units at $500.00 is NOT profitable! IF we had a solid order
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>> at least fifty units, we would consider producing a special run just to
>fill
>> that order. We would not produce extra units on a special run on a
>> speculative basis. The possibility of a special order is predicated on
>the
>> availability of obsolete and hard-to-find parts!
>>
>> 2. Approximately 1500 DSP-2232s have been produced. We estimate as many as
>500

>> units are in commercial and government service and are not candidates for
>> upgrades. Other units have been destroyed by lightning, put on the shelf
>or
>> lost. It is not clear how many fall in this category, but 100 is a
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>> number. Allowing for inaccuracies in these estimates, perhaps 1000 units
>> exist in the amateur service today.
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>> 3. The firmware source code will not be placed into the public domain.
>The
>> code is shared among several products (PK-232, PK-900, PK-96, IDR-96) and
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>> cannot give away our intellectual property for competitive, legal and
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>> not appear to be economically feasible nor a good use of our resources.
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>If
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>>
>>
>> In article <chal1t841cct4jhs1ob3njp2a13v2rghea@4ax.com>, Alan P. Biddle
>> <APBIDDLE@ATEEANDTEA.NOT> wrote:
>> >Peter,
>> >
>> >One of the original developers, no longer affiliated with
>> >AEA/Timewave, is working on an uploadable modem which will support the
>> >new 514 byte TLM format with the CRC bytes. That will be done when it
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>> >aware of anything. Timewave toyed with the idea of a major upgrade,
>> >but that vanished when they went to Chapter 11. Sorry.
>> >
>> >

>
>

3026. Re: DSP-2232/FT-847 COOL!

Newsgroup: rec.radio.amateur.space
Date: 2000-11-22 00:00:00 UTC
From: Christopher Cox <cobox@urec.net>
Message-ID: <01c054ae$19457940$78c8a8c0@CBX-NT>
Source record: 7719

```
> cmd:AWLEN
> AWlen 8
> cmd:DSP
> Opmode was PAcket
> Opmode now DSPdata
> cmd:MODEM
> MODem 44
> cmd:
```

DSPData did the trick!

Thank you very much.

BTW, how do you leave DSP mode?

Best Regards

Christopher Cox
KC8FRJ

3027. The Perfect Christmas Gift 1354

Newsgroup: rec.radio.amateur.space
Date: 2000-11-22 00:00:00 UTC
From: qtcjjo@hotmail.com
Message-ID: <oaUS5.80710$1Z3.211867@e420r-sjo3.usenetserver.com>
Source record: 7720

Two days ago I ordered 10 pieces of paper money from 10 different countries from a company called Perth Numismatics. Lo and behold they arrived today and they are very nice and colourful. They even have a bill from Antarctica. I didn't even know they existed. These are perfect for stocking stuffers or people who are hard to buy for. The website address is www.perthmoney.com
Good luck and Merry Christmas

Cynthia Reeves

zclwjcisvigldboiowumjukbcrxbkzjuetzmrrwzetmxmvozgokrctzudpwxrq

3028. AMSAT NEWS SERVICE BULLETIN 327.01 (AO-40)

Newsgroup: rec.radio.amateur.space
Date: 2000-11-22 00:00:00 UTC
From: N1RZ <n1rz@timhavens.com>
Message-ID: <t5WS5.90751$1Z3.237088@e420r-sjo3.usenetserver.com>
Source record: 7721

SB SAT @ AMSAT $ANS-327.01
AMSAT SPECIAL BULLETIN

AMSAT NEWS SERVICE BULLETIN 327.01 FROM AMSAT HQ
SILVER SPRING, MD, NOVEMBER 22, 2000
TO ALL RADIO AMATEURS
BID: $ANS-327.01

AO-40 command stations have been quite busy lately as general housekeeping tasks have been underway to verify the health of the many complex systems onboard AMSAT OSCAR-40 - all with very good results.

P3D Project leader Dr. Karl Meinzer, DJ4ZC, informed ANS that following the successful launch and injection into nominal orbit, initial telemetry from the satellite was expected on 70-cm at about the 3-hour mission mark. This did not happen and consequently the spacecraft was switched to use the 144 MHz middle beacon as the main telemetry downlink. This required a new program to be uploaded into P3D's IHU-2 system.

After new software, communication was established and the health of AO-40 was analyzed and tested. DJ4ZC happily reported "except for the UHF transmitter, everything was found to be nominal and working fine." The attitude control system was then calibrated and torque reorientation operations started, which are still underway. Both 2400 MHz transmitters were successfully operated and pictures from the separation sequence are now being downloaded and will soon be available.

The first planned orbit change will soon take place and that should result in a 50,000 km apogee. This will allow a thorough study of the 70-cm transmitter problem using P3D's hi-gain antennas (which) would then be available.

After the first orbit change is completed a test the electric propulsion Arcjet system will take place (and) if successful, it will be used to further
increase the apogee of AO-40.

AMSAT-NA President Robin Haighton, VE3FRH, told ANS that "plans are in place to make AO-40 available for a limited period of general Amateur Radio use possibly within a week or two." This provisional operation would involve "one or two bands at a time," said VE3FRH. Details of the limited test period will be announced by an official AMSAT bulletin and via the AO-40 telemetry beacon.

Stay tuned to ANS for additional bulletins from AMSAT, the
official source for information on AMSAT OSCAR-40.

[ANS thanks AMSAT-NA and AMSAT-DL for this information]

/EX

Via the ans mailing list at AMSAT.ORG courtesy of AMSAT-NA.
Via N1RZ to Usenet

3029. Re: DSP-2232/FT-847 COOL!

Newsgroup: rec.radio.amateur.space
Date: 2000-11-22 00:00:00 UTC
From: "Alan P. Biddle" <APBIDDLE@ATEEANDTEA.NOT>
Message-ID: <s6ho1tgbf2eq8ip3rviee9ht6afrih32eo@4ax.com>
Source record: 7722

Chris,

Just type the mode you want. Packet, morse, baud, etc. You will
probably get a "wrong modem error." Just enter modem 12 for packet,
etc.

The manual is a bit cryptic in places. Other places it is worse.
<grin>

--
Alan
WA4SCA

For E-mail reply, please reply to:
Napbiddle@att.net, removing the "N"
from the front, since the other address
is reserved for spam only.

3030. Re: Satellite digital modes question

Newsgroup: rec.radio.amateur.space
Date: 2000-11-22 00:00:00 UTC
From: Bob Morehouse <nobobmorespam@pacifier.com>
Message-ID: <3A1C5E03.8A9ED336@pacifier.com>
Source record: 7723

Okay, Rob, I appreciate the response. From what I can gather of your information, there doesn't appear to be much the PK-96 will do for me as it relates to the digital modes for the newer satellites. Would it serve the function of acting as an APRS terestrial-to-satellite relay tnc for those satellites it will work with?

Bob, KB7ADO

DO NOT HIT THE REPLY BUTTON
If responding direct, send to: bobmore@pacifier.com

3031. Re: Powering satellites with magnets?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-22 00:00:00 UTC
From: Unclaimed Mysteries <k4doh@mindspring.com>
Message-ID: <8vi6cf$1ll$1@slb6.atl.mindspring.net>
Source record: 7724

Joop van der Velden <pe1dna@amsat.org> wrote in message
news:VA.0000000f.00022d3f@amsat.org...
> In article <3A1AED91.5FAB291D@junglevision.com>, Cathryn Mataga wrote:
> > If a satellite had an elliptical orbit, that brought it through
> > the magnetic field of the earth, could you get enough current
> > to power a small satellite? I was wondering if maybe you could
> > launch a little box, with a transmitter on it, that could spit
> > out like a big loop of wire. Use the current to charge a
> > capacitor or something, to power a transmitter.
>
> You must live in the US :-)
>
> Energy is not free. There is no such thing as a perpetuum mobilee.
>

C'mon. She said nothing about /free/ energy or perpetual motion.

> In this case you would be tapping energy from the kinetic energy of the
> spacecraft itself. So it would slow down, and finally dive into the
> earths atmosphere.
>
> --
> Joop
>

If refined, conductive tethers can go both ways, so to speak. A
satellite-tether system can slice through Earth's magnetic field and
generate electricity at the expense of altitude, or it can pass a
locally-generated current to induce a magnetic field to interact with
Earth's magnetic field and gain altitude.

They seem to be finicky. I recall one Shuttle experiment that was on its way
to success when the tether snagged on the reel and broke. D'oh!

Corry

--
It Came From C. L. Smith's Unclaimed Mysteries.
http://www.unclaimedmysteries.net/
"Alabama - the jackhammer state!" -Dan Rather, 11/07/2000

3032. ISS ham radio operations commence.

Newsgroup: rec.radio.amateur.space
Date: 2000-11-22 00:32:11 UTC
From: Will Marchant <kc6rol@amsat.org>
Message-ID: <3A1B1409.FC8B0ABB@amsat.org>
Source record: 7702
Cross-posted to: rec.radio.amateur.space,sci.space.station

ISS ham radio operations commence.
2000-11-21

International Space Station commander William "Shep" Shepherd, KD5GSL, reports that he was able to take a few minutes out of a busy schedule to start general QSOs with the ham community. Shep says that he was able to speak with a few lucky hams last Friday, 2000-11-17.

With the recent arrival at ISS of a Progress automated cargo craft, the crew's work pace will redouble. With the planned launch of the STS-97 to the ISS on November 30th, the Expedition One crew will be working long hours to prepare for the arrival of space shuttle Endeavor carrying a large new solar panel for the ISS.

More information about Amateur Radio on the ISS is available at the http://ariss.gsfc.nasa.gov/ web pages.

--
Will Marchant
marchant@ssl.berkeley.edu http://chips.ssl.berkeley.edu/~marchant/
kc6rol@amsat.org New==>http://home.earthlink.net/~willmarchant/

3033. Re: DSP-2232 New Modems???

Newsgroup: rec.radio.amateur.space
Date: 2000-11-22 01:12:01 UTC
From: Peter Bealo <pbealo@mediaone.net>
Message-ID: <B3FS5.16755$M51.5124743@typhoon.ne.mediaone.net>
Source record: 7703

Alan,

Even that amount would be great! I take it that P3D uses this new TLM format? Please keep me in mind when your friend is out in beta test and beyond.

Best Regards,
Peter
WB2MJG

"Alan P. Biddle" <APBIDDLE@ATEEANDTEA.NOT> wrote in message news:chal1t841cct4jhs1ob3njp2a13v2rghea@4ax.com...
> Peter,
>
> One of the original developers, no longer affiliated with
> AEA/Timewave, is working on an uploadable modem which will support the
> new 514 byte TLM format with the CRC bytes. That will be done when it
> is done, and then released after testing. Other than that, I am not
> aware of anything. Timewave toyed with the idea of a major upgrade,
> but that vanished when they went to Chapter 11. Sorry.
>
>
> --
> Alan
> WA4SCA
>
> For E-mail reply, please reply to:
> Napbiddle@att.net, removing the "N"
> from the front, since the other address
> is reserved for spam only.

3034. Re: Powering satellites with magnets?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-22 02:27:42 UTC
From: Jim Jerzycke <kq6ea@amsat.org>
Message-ID: <3A1B2F1E.1382068@amsat.org>
Source record: 7704

Yep, and it arced at the spool end, breaking the tether!
73, Jim

3035. Re: DSP-2232/FT-847

Newsgroup: rec.radio.amateur.space
Date: 2000-11-22 03:40:19 UTC
From: Christopher Cox <cobox@urec.net>
Message-ID: <01c05435$d15ff2e0$78c8a8c0@CBX-NT>
Source record: 7705

Thank you Alan.

Now all I have to do is wait 8 hours to try it out.

:-)

BTW, if you guys are not on the list serve, this is from Karl.....

AMSAT OSCAR 40 **STATUS REPORT FROM DJ4ZC** (2000-11-20)

1. AMSAT OSCAR 40 had a perfect launch on Nov. 16 and was
injected into a nominal orbit.

2. Transmission of telemetry from OSCAR 40 on 70cm was expected
3h after launch. But we ran into a problem with the 70cm
Tx. Consequently the spacecraft was switched to use the 2m
middle beacon as downlink for telemetry. This required a
"repeater program" in IHU-2 which was uploaded.

3. After communication was established, the health of
OSCAR 40 was analysed and everything testable at this stage
except for the 70cm Tx was found to be nominal and fine.

4. The attitude control system then was calibrated and torque
operations were started to take the attitude to 270/0. This
reorientation should be finished in a few days. Then we are
ready for the first planned orbit change (400N-mtr) resulting
in 50000 km apogee altitude. The attitude will also allow a...
thorough study of the 70cm Tx problem with the hi-gain ant.

5. The two 2400 MHz transmitters were operated and are ok.

6. Pictures from the separation sequence are being downloaded
and will shortly be available on our website. There we will
also show the test-schedule for some first amateur operations.

7. Steps after 1st orbit change: test the electric propulsion
system and then use it to further increase appogee altitude
using the arcjet before the big i-change.

--73s Karl--

(Copied from A0-40 telemetry and posted by Eric WB1HBU eac@shore.net)

Via the amsat-bb mailing list at AMSAT.ORG courtesy of AMSAT-NA.
To unsubscribe, send "unsubscribe amsat-bb" to Majordomo@amsat.org

3036. Re: Powering satellites with magnets?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-22 03:40:32 UTC
From: Cathryn Mataga <cathrynm@junglevision.com>
Message-ID: <3A1B3F59.67C7D9D3@junglevision.com>
Source record: 7706

Jim Jerzycke wrote:
>
> Yep, and it arced at the spool end, breaking the tether!
> 73, Jim

Well, there's your spark gap transmitter.

Yeah, I remember that tether experiment. Was that from the
magnetic field of the earth? I guess the wire is passing
through the field and that causes a current.

I wonder now, if there's any way to calculate how much power
you'd get from a coil of wire, or a wire, in orbit?

3037. Re: Powering satellites with magnets?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-22 04:58:16 UTC
From: Joop van der Velden <pe1dna@amsat.org>
Message-ID: <VA.0000000f.00022d3f@amsat.org>
Source record: 7707

In article <3A1AED91.5FAB291D@junglevision.com>, Cathryn Mataga wrote:
> If a satellite had an elliptical orbit, that brought it through
> the magnetic field of the earth, could you get enough current
> to power a small satellite? I was wondering if maybe you could
> launch a little box, with a transmitter on it, that could spit
> out like a big loop of wire. Use the current to charge a
> capacitor or something, to power a transmitter.

You must live in the US :-)

Energy is not free. There is no such thing as a perpetuum mobilee.

In this case you would be tapping energy from the kinetic energy of the
spacecraft itself. So it would slow down, and finally dive into the
earths atmosphere.

--
Joop

3038. Re: Powering satellites with magnets?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-22 06:04:02 UTC
From: Jim Jerzycke <kq6ea@amsat.org>
Message-ID: <3A1B61D2.D0FD40E8@amsat.org>
Source record: 7708

Yes, it's called the Dynamo Principle and was discovered by Michael Faraday. The current it produces can be calculated (NOT by me!) if you know the strength of the magnetic field, and the velocity of the conductor through it. My College Physics is too rusty tonight, but any College-level Physics textbook will explain it in great detail.
73, Jim KQ6EA

3039. Re: Powering satellites with magnets?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-22 06:35:41 UTC
From: Cathryn Mataga <cathrynm@junglevision.com>
Message-ID: <3A1B6864.1C487FE@junglevision.com>
Source record: 7709

Joop van der Velden wrote:
>
> In article <3A1AED91.5FAB291D@junglevision.com>, Cathryn Mataga wrote:
> > If a satellite had an elliptical orbit, that brought it through
> > the magnetic field of the earth, could you get enough current
> > to power a small satellite? I was wondering if maybe you could
> > launch a little box, with a transmitter on it, that could spit
> > out like a big loop of wire. Use the current to charge a
> > capacitor or something, to power a transmitter.
>
> You must live in the US :-)
>
> Energy is not free. There is no such thing as a perpetuum mobilee.
>
> In this case you would be tapping energy from the kinetic energy of the
> spacecraft itself. So it would slow down, and finally dive into the
> earths atmosphere.
>

I guess it depends on how long it takes. If this is a big problem,
then maybe then you could use this reversed. And, that is put energy
from solar energy panels back into the wire, to raise the orbit of a
satellite back up a little bit!

3040. Re: DSP-2232 New Modems???

Newsgroup: rec.radio.amateur.space
Date: 2000-11-22 06:57:21 UTC
From: rgawtry@timewave.com
Message-ID: <8vfqmb$v5t$1@newsfeed.minn.net>
Source record: 7710

Since the sucessful launch of P3D/AO-40, we have had numerous inquiries about the DSP-2232, ranging from how can someone get a new one to requests for info about 400 bps PSK demodulation. I'll try to clear up a few things about the DSP-2232 from the Timewave viewpoint. I am sure this will raise a few more questions (and opinions!). I will try to reply to those additional inquiries which can be answered.

1. The DSP-2232 is no longer in production. Timewave does not plan to produce additional units because the marketplace has proven it will not support the approximate $1000.00 price we would have to charge to make a reasonable profit on a run of 100 units. This price is driven by the parts availability and cost, as well as the assembly cost. In 1997, we offered about 60 units for sale at about $700 each. We only sold about 2 units. Then we lowered the price to $500 each. They sold out within a couple of months. Believe me, selling these units at $500.00 is NOT profitable! IF we had a solid order for at least fifty units, we would consider producing a special run just to fill that order. We would not produce extra units on a special run on a speculative basis. The possibility of a special order is predicated on the availability of obsolete and hard-to-find parts!

2. Approximately 1500 DSP-2232s have been produced. We estimate as many as 500 units are in commercial and government service and are not candidates for upgrades. Other units have been destroyed by lightning, put on the shelf or lost. It is not clear how many fall in this category, but 100 is a reasonable number. Allowing for inaccuracies in these estimates, perhaps 1000 units exist in the amateur service today.

3. The firmware source code will not be placed into the public domain. The code is shared among several products (PK-232, PK-900, PK-96, IDR-96) and we cannot give away our intellectual property for competitive, legal and financial reasons.

4. We have no software/firmware upgrades planned for the DSP-2232. It does not appear to be economically feasible nor a good use of our resources. (That's not a statement we like to make, nor do we take it lightly, but it is true).

5. Timewave will support any 3rd party (including former DSP-2232 developers) who can and will provide downloadable DSP modem programs for the DSP-2232. If the 3rd party offers the downloadable DSP code to the amateur community at no cost or on a shareware basis, we will post it on our website for downloading without charge.

6. Timewave does service and offers tech support on the DSP-2232.

7. This discussion is about the DSP-2232 only and does not reflect on any other Timewave products, past, present or future!

In article <chal1t841cct4jhs1ob3njp2a13v2rghea@4ax.com>, Alan P. Biddle <APBIDDLE@ATEEANDTEA.NOT> wrote:
>Peter,
>
>One of the original developers, no longer affiliated with
>AEA/Timewave, is working on an uploadable modem which will support the
>new 514 byte TLM format with the CRC bytes. That will be done when it
>is done, and then released after testing. Other than that, I am not
>aware of anything. Timewave toyed with the idea of a major upgrade,
>but that vanished when they went to Chapter 11. Sorry.
>
>

3041. Re: 400BPS DEMODULATOR FOR AO-40 TELEMETRY

Newsgroup: rec.radio.amateur.space
Date: 2000-11-23 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn91po2g.cmc.nomail@linux.pe1chl.ampr.org>
Source record: 7726

Jeff Kelly <jkelly@bellatlantic.net> wrote:
>Any chance you can translate the rest of the docs?
>Or specifically the dos commands?

DOS commands are the same in any language, they do not get translated.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

3042. Re: Satellite digital modes question

Newsgroup: rec.radio.amateur.space
Date: 2000-11-23 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn91po19.cmc.nomail@linux.pe1chl.ampr.org>
Source record: 7727

Bob Morehouse <nobobmorespam@pacifier.com> wrote:
>Okay, Rob, I appreciate the response. From what I can gather of your
>information, there doesn't appear to be much the PK-96 will do for me as
>it relates to the digital modes for the newer satellites. Would it
>serve the function of acting as an APRS terestrial-to-satellite relay
>tnc for those satellites it will work with?

"Newer satellites" are those after about 1991, not those that aren't
yet launched or operational.

I don't know what you would want to do with or what would be the
requirements of "an APRS terestrial-to-satellite relay". Most of the
digital satellites provide file store-and-forward.

Rob
--
+---------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+---------------------------------+--------------------------------------+

3043. Re: SatTrak won't compile

Newsgroup: rec.radio.amateur.space
Date: 2000-11-23 00:00:00 UTC
From: hamish@cloud.net.au
Message-ID: <d98T5.12866$Xx3.53404@news1.eburwd1.vic.optushome.com.au>
Source record: 7728

Rob Janssen <nomail@rob.knoware.nl> wrote:
> I know they have a clear policy, I just don't agree with it.

Huh? It's the policy on what constitutes free software as
far as Debian is concerned. Which part of it do you disagree with?

> But I am using SuSE Linux, so that doesn't matter.

IMHO, Debian will always be the best distribution in a technical
since because we are not driven by marketing, profit, etc.
We don't have to be competitive.

Hamish
--
Hamish Moffatt VK3SB <hamish@debian.org> <hamish@cloud.net.au>

3044. Re: SatTrak won't compile

Newsgroup: rec.radio.amateur.space
Date: 2000-11-23 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn91q9rd.cmc.nomail@linux.pe1chl.ampr.org>
Source record: 7729

Hamish Moffatt VK3SB <hamish@cloud.net.au> wrote:
>Rob Janssen <nomail@rob.knoware.nl> wrote:
>> I know they have a clear policy, I just don't agree with it.

>Huh? It's the policy on what constitutes free software as
>far as Debian is concerned. Which part of it do you disagree with?

I am not a member of a religion that believes that free software is
the only way to achieve one's goals. Free software has advantages and
disadvantages. In some areas (e.g. office suites, web browsers) it
has become very clear that it does not stand a chance against commercial
software. So, for those areas commercial or otherwise non-free software
should be available without it somehow being considered inferior.

>> But I am using SuSE Linux, so that doesn't matter.

>IMHO, Debian will always be the best distribution in a technical
>since because we are not driven by marketing, profit, etc.
>We don't have to be competitive.

That is mainly what I have against it. It only exists for the purpose
of satisfying the makers themselves, and does not consider market demands.
SuSE Linux is much better in this respect. Sure there may be some
technical aspects in which it is not as good, but in the end that is
not what matters.

For example, see how much effort they spend on easy installation and
suppport for the first-time user. This is something that has been
seriously lacking in Debian for a long time. This is only natural, because
it isn't a very important point to their main audiance. But at the same
time, it works as a setback for Linux acceptance in general.

Sure it would be best if everyone would co-operate, so that the effort
spent on packaging would not be duplicated so many times, and time would
be available to optimize every aspect of Linux packaging and installation.
However, that seems to be an ideal that is very far away.

Primarily because of religious standpoints.

Rob
--
+---------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+---------------------------------+--------------------------------------+

3045. Source of 2.4 ghz feedhorns?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-23 00:00:00 UTC
From: Jeff Kelly <jkelly@bellatlantic.net>
Message-ID: <2mbT5.8327$TE3.437232@typhoon2.ba-dsg.net>
Source record: 7730

Does anyone know where I can purchase
a 2.4 ghz feedhorn for my 3 ft. dish?

Thanks,

Jeff Kelly
KT2K

3046. Re: DSP-2232 New Modems???

Newsgroup: rec.radio.amateur.space
Date: 2000-11-23 00:00:00 UTC
From: MCGWIER ROBERT <rwmcgwier@home.com>
Message-ID: <stdT5.162821$ib7.21622984@news1.rdc1.nj.home.com>
Source record: 7731

I am wondering if anyone has dealings with the JVcomm32 folks? I
have taken a look at the web site and seen the technical specs for
supporting the modes. What is the fastest rate anyone has set the
DSP1232/2232 to and had it run? Will it do 38400 or faster?

If it will do 56800 we can easily modify the sstv programs, fax,
wefax, etc. to talk to JVcomm32.

Would that be interesting? I can't find my box! I will tear my storage
apart and find it. I have a DSP-232, DSP2232, DSP-12, and
an EVM 56002 and I can only find the EVM and the TAPR enclosure.
I will keep looking 'until satisfied.

FYI, Alan and Charles have received the AO-40 demods and
should be able to tell me if they work shortly. If not, then it will
have to wait 'until I dig my boxes out of storage.

Bob

would be
"Alan P. Biddle" <APBIDDLE@ATEEANDTEA.NOT> wrote in message
news:chal1t841cct4jhs1ob3njp2a13v2rghea@4ax.com...
> Peter,
>
> One of the original developers, no longer affiliated with
> AEA/Timewave, is working on an uploadable modem which will support the
> new 514 byte TLM format with the CRC bytes. That will be done when it
> is done, and then released after testing. Other than that, I am not
> aware of anything. Timewave toyed with the idea of a major upgrade,
> but that vanished when they went to Chapter 11. Sorry.
>
>
> --
> Alan
> WA4SCA
>
> For E-mail reply, please reply to:
> Napbiddle@att.net, removing the "N"
> from the front, since the other address
> is reserved for spam only.

3047. Is the terrible news on AO40 true ?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-23 00:00:00 UTC
From: cesare <cecaprar@tin.it>
Message-ID: <8vjqmj$ho6$1@nslave3.tin.it>
Source record: 7732

I heard that the 70cm module on AO40 is out of order.....is this bad news really true ? Please inform. Many thanks ! Cesare I2JZ i2jz@amsat.org cecaprar@tin.it

3048. Re: Satellite digital modes question

Newsgroup: rec.radio.amateur.space
Date: 2000-11-23 00:00:00 UTC
From: Bob Morehouse <nobobmorespam@pacifier.com>
Message-ID: <3A1D8FC6.794095A9@pacifier.com>
Source record: 7733

Some of the birds that have FM capabilities and tncs on board are occasionally switched to where they will receive APRS positions from the Kenwood D7A (or newer G model?) and D700 mobile radios and downlink back into the terrestrial network to an appropriately configured ground station. This is to allow persons in remote areas with no access to the ground network the ability to have it heard by a satellite and then fed back into the APRSserve system to be seen on the internet. I think one they have done this with is SunSat. It appears a fellow named Doug Quagliana, KA2UPW, has written a sound card program that allows a radio to uplink a 1200 baud Manchester-style signal using a computer without the need to have a TNC or PSK modem, which from what I've found on that site means it would work with some of the pacsats.

I guess I just answered my own question about the PK-96, then. From what I can see, since it doesn't do PSK/Manchester style encoding, it couldn't uplink to AO-16, LO-19, or IO-26. However, from the sat chart I'm looking at, it appears UO-22, KO-23, KO-25, and TO-31 all do 9600 FSK.

Bob, KB7ADO

Do not use REPLY button
If replying direct, send to: bobmore@pacifier.com

3049. Re: Is the terrible news on AO40 true ?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-23 00:00:00 UTC
From: Bob Morehouse <nobobmorespam@pacifier.com>
Message-ID: <3A1D915E.F613ED97@pacifier.com>
Source record: 7734

The information I read indicated they didn't hear the 70cm telemetry beacon after launch, so they commanded the 2 meter middle beacon to come on. The 2400 mhz transmitters have been successfully tested. The first planned orbit change will soon take place and that should result in a 50,000 km apogee, which will allow a thorough study of the 70 cm transmitter problem using the high gain antennas.

For the complete bulletin posted yesterday about AO-40, go to:

http://www.amsat.org/amsat/news/ans.html

Bob, KB7ADO

Do not use REPLY button
If replying direct, send to: bobmore@pacifier.com

3050. Re: Andrew Hard line 4-sale LDF5-50A

Newsgroup: rec.radio.amateur.space
Date: 2000-11-23 00:00:00 UTC
From: cesare <cecaprar@tin.it>
Message-ID: <8vl1vh$62l$1@nslave2.tin.it>
Source record: 7735

You are an happy man having such fantastic coax cable ! Keep it ! 73 !
Cesare, I2JZ Milan, Italy i2jz@amsat.org

NS1Z ha scritto nel messaggio <3a1ae668_1@news.cybertours.com>...
>I have Andrew 50 ohm hardline, model LDF5-50A for sale. I would like to get
>$2.50 per foot with shipping to be arranged by the buyer. I have a quantity
>of 1350 feet in a new, untouched factory roll available in addition to a
>partial roll with about 350 feet used off it (800-900 feet left).
>
>Loss is about 3 dB @ 6gHz. This is the perfect feed line for the new
>microwave bands of AO-40!!
>
>I can, possibly, arrange to deliver in the New England area using my pickup
>truck. Expenses to be negotiated before hand.
>
>My info is in the signature block below.
>
>John Wilcox NS1Z
>871 Route 120
>Rumford, ME 04276-3836
>207-364-2246
>207-364-2505 (fax)
>FN44RN
>
>
>

3051. Re: 400BPS DEMODULATOR FOR AO-40 TELEMETRY

Newsgroup: rec.radio.amateur.space
Date: 2000-11-23 07:39:52 UTC
From: Jeff Kelly <jkelly@bellatlantic.net>
Message-ID: <cR3T5.8015$TE3.419393@typhoon2.ba-dsg.net>
Source record: 7725

Any chance you can translate the rest of the docs?
Or specifically the dos commands?

Jeff

> ******* SOFTWARE OF DEMODULATION AND DECODAGE TELEMETERINGS PHASE 3CD
> ******** * THIS TWO SOFTWARE IS THE PROPERTY OF AMSAT-FRANCE. * THEY ARE
IN
> VERSION LIMITEE AND AMSAT FRANCE CANNOT BE RESPONSIBLE FOR THE
CONSEQUENCES
> OF * THEIR USE. 1-CONTENU OF THE ZIP. PSKDEM.EXE TLMDEC.EXE P3D.WAV / /
> recording of the telemetering of p3d in Kourou, TX Laser (1 frame)
> P3DTLM1.WAV / / enreg of the tlm during the tests of the ihu2 in 1999. (3
> frames) 2-DESCRIPTION. The telemetering of Phase 3D can be transmitted
with
> various modes of which more employed is a phase modulation coded out of
> Manchester differential. This description treats only the latter. The
normal
> frame of telemetering consists of approximately 130 natures ' P' of
> synchronization character followed of a word of locking of frame of 4
bytes
> then of 512 characters and to finish of a CRC 16 out of two bytes. The
> following frame repeats this reason. The length of frame is of
> (130+4+512+4)*8/400 = 12.96 seconds. The frame includes/understands 256
> ASCII characters follow-ups of 256 binary values. Once modulated, the
signal
> has the appearance of that shown on modemploi.bmp. The carrying one is
> removed and surrounded by two arches, the unit occupying approximately
1600
> Hz. With the reception, it is advisable to use the BLU and to fix the
> receiver so that the signal is not truncated, i.e. to place the centre
> frequency between 1200 and 1800 Hz. The demodulator provided by G3RUH
> imposes 1583Hz because of its constitution (adjustable by riders at other
> frequencies). 3-LOGICIELS. 3.1-INSTALATION. To create a repertory and all
> d zippzer. It is highly desirable to have a software like CoolEdit or
> Spectrogram. 3.2-DEMODULATION. Program PSKDEM.EXE is a demodulator not
real
> time functioning under DOS. It utilse of files WAV recorded using the
> Windows tape recorder or all other software allowing to record files
sound.
> The file must be recorded with the following parameters: - format PCM
>
>

3052. Re: Satellite digital modes question

Newsgroup: rec.radio.amateur.space
Date: 2000-11-24 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn91se63.cmc.nomail@linux.pe1chl.ampr.org>
Source record: 7742

Bob Morehouse <nobobmorespam@pacifier.com> wrote:
>I guess I just answered my own question about the PK-96, then. From
>what I can see, since it doesn't do PSK/Manchester style encoding, it
>couldn't uplink to AO-16, LO-19, or IO-26. However, from the sat chart
>I'm looking at, it appears UO-22, KO-23, KO-25, and TO-31 all do 9600
>FSK.

That is correct, those are examples of the two styles of satellite that I
mentioned before.

Rob
--
+--------------------------------+-------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+-------------------------------------+

3053. Re: Powering satellites with magnets?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-24 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn91sees.cmc.nomail@linux.pe1chl.ampr.org>
Source record: 7743

steveq@bigtime.tip.csiro.au <steveq@bigtime.tip.csiro.au> wrote:
> Yes, but it's not "free" power. The energy comes from the satellite's
>kinetic energy, so as you produce (and use) electricity, the orbit slowly
>decays as a result.

Maybe it should be added that the kinetic energy of a satellite like AO-40 is *HUGE*, and that you could withdraw electrical power for a small consumer for a long time before it would re-enter. At first it would seem like you get te power for free.

It is that high ratio (between kinetic energy and power obtainable this way) that fools people into thinking that this is a feasible way to draw power and solve the world's energy problem. This is quite common with "perpetuum mobile" inventions.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

3054. Re: Andrew Hard line 4-sale LDF5-50A

Newsgroup: rec.radio.amateur.space
Date: 2000-11-24 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn91seid.cmc.nomail@linux.pe1chl.ampr.org>
Source record: 7744

cesare <cecaprar@tin.it> wrote:
> You are an happy man having such fantastic coax cable ! Keep it ! 73 !

Don't forget to consider the reference to "pickup truck" :-)

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

3055. Re: 400BPS DEMODULATOR FOR AO-40 TELEMETRY

Newsgroup: rec.radio.amateur.space
Date: 2000-11-24 00:00:00 UTC
From: Jeff Kelly <jkelly@bellatlantic.net>
Message-ID: <P8uT5.5745$Be3.587747@typhoon1.ba-dsg.net>
Source record: 7745

Here is the link for the French DOS program

http://www.ccr.jussieu.fr/physio/amsat-france/eindex1.htm

and here is the relevant DOS commands translated to
English. (thanks to Eddy, G6UQI)

The following works to translate P3D's telemetry files.

1. Record telemetry sound using windows sound recorder (call it p3d.wav) and
place it in the directory you have pskdem.exe in.

2. Use Spectogram program (available from
http://www.monumental.com/rshorne/gram.html) to find the center freq of
recording.

3. Run pskdem, and enter center freq that you found in last step.

4. Run tlmdec, and redirect it into a text file (i.e. tlmdec >telemetry.txt)

5. Read telemetry.txt file showing telemetry that you recorded.

If you run the software with the p3d.wav file provided you should get the
following:

########### P3D IHU-1 Affichage TLM - OE1KIB, OE1VKW -F1HDD -###########
A HI, THIS IS AMSAT P3-D 2000-09-22 16:17:09 #0186

********** Orbit data **********
Jour AMSAT08300 heure16:17:10.14 TUC Orbite No00019 Phase 165
********** ETAT-- **********
RX: V(22.5dB) L1(0.9dB)
TX:
Balises: MB(EB source;)
Antennes: V-Rx=hi V-Tx=om U-Rx=om U-Tx=hi
Ant/Pre-amps: V-Rx=om V-Tx=hi U-Rx=om U-Tx=hi L-om+preamp
Experiment.: IHU-2 IR-beacon
Batt. prim+aux. on; Compte erreurs memoires: 4
********** Temperatures [°C] **********
GenSol1 8.7 GenSol2 8.7 GenSol3 8.7 GenSol4 8.7 GenSol5 8.7
BCR1 23.2 BCR2 23.9 BCR3 23.9 GenSol6 8.7
BattPriB2 22.6 BattPriB4 22.6 BattPriB6 8.7 BatAuxB1 23.2 BatAuxB5 23.2
V-TX 22.6 U-Excit 23.2 U-Amp 23.2 S1-TX 23.2 S2-TX 22.6
X-TX 84.0 X-TX TOP 85.6 K-TX -51.2
U&V-RX 23.2 L1-RX 23.2 L2-RX 23.2 S1-HF RX 22.6 S2-C RX 22.6
IHU 23.2 SEU 23.2 EPU 23.2 RF monit -51.2 S ant 22.6
HP1+X-Y 23.2 HP2+X+Y 22.6 HP2+X-Y 23.2 HP2-X 22.6

HP3+X 22.6 HP3-X 22.6 HP4+X+Y 22.6
NH3 B2 22.6 MMH B3 22.6 N2O4-X-Y 22.6 N2O4+X+Y 22.6 He Tank 22.6
Top 22.6 Bottom 22.6 Back 22.6 Side2Pan -51.2 Side4Pan -51.2
****************************** Voltages [V] *******************************
Batt-Pri 27.6 BattAux 27.5 BCR1-In 25.1 BCR2-In 25.0 BCR3-In 22.9
28V Bus 27.3 10V-C1 BCR2 12.5 10V-C2 BCR3 12.5
****************************** Courants [mA] ******************************
SP1-BCR1 393 SP4-BCR2 494 SP2-BCR3 291
SP6-BCR1 291 SP5-BCR2 291 SP3-BCR3 190
10V-C1 BCR2 488 10V-C2 BCR3 388 28V-S SEU 0x07
28V-Bat -432 28VU1EPU -205 28VU2Bus 1625 28VU3-S -18 28V-BCR 985
28VS-PA/M -33 10VS-PA/M 0x07 X-Helix 4 K-Tx 0x07
****************************** Senseurs sol/terre**************************
Mode sens. : 3-axis
SS Z -25 -27 SS Y -25 -27 SS Up -X 3 SS Up -Y 3
SS Z -45 -47 SS Y -45 -47 SS Dwn -X 3 SS Dwn -Y 3
****************************** Roues a Inertie ****************************
****************************** Arcjet Motor *******************************
Pression Res. 24Bar Pression Mot. 74Bar
Courant Mot. 0.2A Tension Mot. -238.6V Flux 0x07
****************************** Moteur 400N ********************************
Motor valve: closed High pressure: 147Bar Low pressure: 13Bar

**********VERIFICATION CRC**********
CALC : CRC=BAC6 RECU : CRC=BAC6 Trame : OK

----OE1KIB, OE1VKW -F1HDD --------(c) AMSAT-F 2000-------

Hope this is of some help.

73-de Eddy, G6UQI.

3056. RS-12/13 status

Newsgroup: rec.radio.amateur.space
Date: 2000-11-24 00:00:00 UTC
From: "Kevin Muenzler, WB5RUE" <wb5rue@arrl.net>
Message-ID: <8vm208$qe6@nnrp3.farm.idt.net>
Source record: 7746

I've read several (conflicting) reports on the status of this bird. Some say that RS-12 is in KT. My observations say it's off. (The beacon does indicate KT). RS-13 seems to be in mode K but I can't confirm this.

What's the REAL scoop?

Thanks

Kevin, WB5RUE
wb5rue@arrl.net
el09vf

3057. Help. Need rectangular (lat,lon) to orthographic projection formula

Newsgroup: rec.radio.amateur.space
Date: 2000-11-24 00:00:00 UTC
From: "3.14159265358979323846264338327 95" <rfspace@yahoo.com>
Message-ID: <MgwT5.14574$L26.3336754@typhoon.southeast.rr.com>
Source record: 7747

Hi Guys,

I am in the process of writting a free satellite tracking software for AO-40. I am looking for the transformation formula from latitude and longitude to a planar orthographic picture from infinity (perspective projection). If anyone can point me in the right direction I would appreciate it. Thanks,

Pieter

3058. AO-40 Software telemetry decoder

Newsgroup: rec.radio.amateur.space
Date: 2000-11-24 00:00:00 UTC
From: "Dr. Robert Suding" <robert@qadas.com>
Message-ID: <3A1F46A6.E0ACA63A@qadas.com>
Source record: 7748

You can download a software only / soundblaster input progam for use on
the AO-40 telemetry at 145.898 from:
http://iz8bly.sysonline.it It is freeware.

Robert W0LMD

3059. Re: DSP-2232 New Modems???

Newsgroup: rec.radio.amateur.space
Date: 2000-11-24 02:24:51 UTC
From: rgawtry@timewave.com
Message-ID: <8vkjf8$90g$1@newsfeed.minn.net>
Source record: 7736

In article <stdT5.162821$ib7.21622984@news1.rdc1.nj.home.com>, "MCGWIER ROBERT"
<rwmcgwier@home.com> wrote:
>I am wondering if anyone has dealings with the JVcomm32 folks? I
>have taken a look at the web site and seen the technical specs for
>supporting the modes. What is the fastest rate anyone has set the
>DSP1232/2232 to and had it run? Will it do 38400 or faster?

Bob,
The specification for the DSP-2232 is 38400 if you set it with the TBaud
command (it won't autobaud to 38400.) I haven't seen any references to 56800
anywhere in any of the AEA engineering notes, but that doesn't mean it may not
be possible - someone will have to try it. At the moment, our only working
unit is on loan, so we can't try it!
Randy Gawtry
Timewave

>
>If it will do 56800 we can easily modify the sstv programs, fax,
>wefax, etc. to talk to JVcomm32.
>
>Would that be interesting? I can't find my box! I will tear my storage
>apart and find it. I have a DSP-232, DSP2232, DSP-12, and
>an EVM 56002 and I can only find the EVM and the TAPR enclosure.
>I will keep looking 'until satisfied.
>
>FYI, Alan and Charles have received the AO-40 demods and
>should be able to tell me if they work shortly. If not, then it will
>have to wait 'until I dig my boxes out of storage.
>
>
>Bob
>
>would be
>"Alan P. Biddle" <APBIDDLE@ATEEANDTEA.NOT> wrote in message
>news:chal1t841cct4jhs1ob3njp2a13v2rghea@4ax.com...
>> Peter,
>>
>> One of the original developers, no longer affiliated with
>> AEA/Timewave, is working on an uploadable modem which will support the
>> new 514 byte TLM format with the CRC bytes. That will be done when it
>> is done, and then released after testing. Other than that, I am not
>> aware of anything. Timewave toyed with the idea of a major upgrade,
>> but that vanished when they went to Chapter 11. Sorry.
>>
>>

>> --
>> Alan
>> WA4SCA
>>
>> For E-mail reply, please reply to:
>> Napbiddle@att.net, removing the "N"
>> from the front, since the other address
>> is reserved for spam only.
>
>

3060. Re: Powering satellites with magnets?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-24 02:40:57 UTC
From: steveq@bigtime.tip.csiro.au
Message-ID: <8vkkfp$gu6$1@bigtime.tip.csiro.au>
Source record: 7738

In article <3A1AED91.5FAB291D@junglevision.com>,
Cathryn Mataga <cathryn@junglevision.com> wrote:
>If a satellite had an elliptical orbit, that brought it through
>the magnetic field of the earth, could you get enough current
>to power a small satellite? I was wondering if maybe you could
>launch a little box, with a transmitter on it, that could spit
>out like a big loop of wire. Use the current to charge a
>capacitor or something, to power a transmitter.

Yes, but it's not "free" power. The energy comes from the satellite's
kinetic energy, so as you produce (and use) electricity, the orbit slowly
decays as a result.
Steve Quigg.

3061. Sharp PC-1246 Tracking program

Newsgroup: rec.radio.amateur.space
Date: 2000-11-24 03:27:27 UTC
From: zl2tws@xtra.co.nz
Message-ID: <8vkn6u$a5c$1@nnrp1.deja.com>
Source record: 7739

The tracking program for the PC-124x series of pocket computers
has been upgraded for Y2K and works perfectly with AO-40 (P3D)
I have compared with Instant Track and LogSat and it is exact.
A copy is available from me at the above address.
73's John

Sent via Deja.com http://www.deja.com/
Before you buy.

3062. Make Your Own High Gain Yagi Vhf & Uhf

Newsgroup: rec.radio.amateur.space
Date: 2000-11-24 03:29:56 UTC
From: Schneider <js@sprintmail.com>
Message-ID: <3A1DE0B9.BF14C5D@sprintmail.com>
Source record: 7737

Please visit the page below to see how to make a simple high gain yagi
antenna.
(6.46 dBd gain on VHF & 10.5 dBd on UHF)

Jeff

--
http://www.homestead.com/KK5UFO/

3063. LogSat V5.2 and Windows_3.11

Newsgroup: rec.radio.amateur.space
Date: 2000-11-24 03:39:04 UTC
From: zl2tws@xtra.co.nz
Message-ID: <8vknspagd1@nnrp1.deja.com>
Source record: 7740

I have a fix for LogSat V5.2 which allows this Win_95/98
patched Y2K tracking program to work under Windows_3.11
and OS/2 Warp V3. You need to copy the patched Win_95/98
version onto your Windows_3.11 installation as after
patching for Y2K this 16 bit program is still 16 bit.
The patch program is the only 32 bit component.
I use LogSat on my old 486DX2-66 with 20meg RAM which
free's up my other PC for the net.
The LOG BOOK part of this program is very useful.
Also quite good that the 16 bit program runs on so many
OS's and looks the same which ever you are using.
It's a shame that LogSat are only supporting Win_95/98.
73's John ZL2TWS

Sent via Deja.com http://www.deja.com/
Before you buy.

3064. LogSat V5.2 and Windows_3.11

Newsgroup: rec.radio.amateur.space
Date: 2000-11-24 03:40:49 UTC
From: zl2tws@xtra.co.nz
Message-ID: <8vko01aov1@nnrp1.deja.com>
Source record: 7741

I have a fix for LogSat V5.2 which allows this Win_95/98
patched Y2K tracking program to work under Windows_3.11
and OS/2 Warp V3. You need to copy the patched Win_95/98
version onto your Windows_3.11 installation as after
patching for Y2K this 16 bit program is still 16 bit.
The patch program is the only 32 bit component.
I use LogSat on my old 486DX2-66 with 20meg RAM which
free's up my other PC for the net.
The LOG BOOK part of this program is very useful.
Also quite good that the 16 bit program runs on so many
OS's and looks the same which ever you are using.
It's a shame that LogSat are only supporting Win_95/98.
73's John ZL2TWS

Sent via Deja.com http://www.deja.com/
Before you buy.

3065. Re: RS-12/13 status

Newsgroup: rec.radio.amateur.space
Date: 2000-11-24 21:46:18 UTC
From: vlfiscus@mcn.net
Message-ID: <t1toe2evcma1a0@news.supernews.com>
Source record: 7599

RS 13 is KT, RS-12 might be mode A or K, I have tried using it yet. BTW this is the first time I've ever heard both transponder turned on at the same time on any RS satellite. It's normally always one or the other.

73 de KB7ADL

In article <8vm208$qe6@nnrp3.farm.idt.net>, "Kevin Muenzler, WB5RUE" <wb5rue@arrl.net> wrote:
>I've read several (conflicting) reports on the status of this bird. Some
>say that RS-12 is in KT. My observations say it's off. (The beacon does
>indicate KT). RS-13 seems to be in mode K but I can't confirm this.
>
>What's the REAL scoop?
>
>Thanks
>
>Kevin, WB5RUE
>wb5rue@arrl.net
>el09vf
>
>

3066. Re: RS-12/13 status

Newsgroup: rec.radio.amateur.space
Date: 2000-11-24 23:24:43 UTC
From: "Kevin Muenzler, WB5RUE" <wb5rue@arrl.net>
Message-ID: <8vmtbt$299@nnrp3.farm.idt.net>
Source record: 7600

I tried both on my last pass. It was 70 degrees elevation so I should have
been able to do something. I tried KA, A and KT and heard nothing. They
must both be in mode K. I can't hear myself in that mode so I don't know.
Oh well, AO-40 will be available soon....can't wait!

73/
Kevin, WB5RUE
el09vf
http://www.qsl.net/wb5rue

3067. Re: SatTrak won't compile

Newsgroup: rec.radio.amateur.space
Date: 2000-11-25 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn91v1s6.cmc.nomail@linux.pe1chl.ampr.org>
Source record: 7603

Hamish Moffatt VK3SB <hamish@cloud.net.au> wrote:
>Rob Janssen <nomail@rob.knoware.nl> wrote:
>> That is mainly what I have against it. It only exists for the purpose
>> of satisfying the makers themselves, and does not consider market demands.
>> SuSE Linux is much better in this respect. Sure there may be some
>> technical aspects in which it is not as good, but in the end that is
>> not what matters.

>Debian is driven by technical ideals. We strive to have the best
>distribution judged only on technical merits, not on market share.
>SuSE, Red Hat etc will always do whatever is needed to make
>the most money etc, not what is necessarily best for their users.

Yes that is exactly where opinions differ... I think it is best for
the users (in the end) to have a large market share. Look at Windows:
technically it is not very good, but because it has a large market
share there has been a lot of software developed for it (both applications
and internal structure like APIs and object comms), and the user benefits
from that, because he can use the computer for what he wants to use it
for.

Attempts to do the same for Linux have resulted in the same fight over
what is free and what isn't, and double development. Result: while
the developers are striving for technical superiority the actual product
is still inferior to Windows in usability.

That is a pity... sometimes it is necessary to take standardization,
documentation and cooperation as a first priority, and technical pet-peeves
as the second. But many Linux developers, never having worked on a
large software project, fail to realize that.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

3068. Re: AO-40 Software telemetry decoder

Newsgroup: rec.radio.amateur.space
Date: 2000-11-25 00:00:00 UTC
From: Rene Tuijtel <tuijtel@home.nl>
Message-ID: <BdMT5.65825$fO2.444777@dbsch1.home.nl>
Source record: 7604

You did it again. Great job Nino !!

Ren&#65533; PE1CAJ / 9H3V

3069. Re: AO-40 Software telemetry decoder

Newsgroup: rec.radio.amateur.space
Date: 2000-11-25 00:00:00 UTC
From: Ron <nospam@nospam.com>
Message-ID: <K4RT5.4365$eU.288953@bgtnsc07-news.ops.worldnet.att.net>
Source record: 7605

Thanks Nino

73
Ron
"Chris Muir" <cmuir@startrek.org.nz> wrote in message
news:YQJT5.1682$0Fdf.41812212@news.xtra.co.nz...
>
> Dr. Robert Suding <robert@qadas.com> wrote in message
> news:3A1F46A6.E0ACA63A@qadas.com...
> > You can download a software only / soundblaster input progam for use on
> > the AO-40 telemetry at 145.898 from:
> > http://iz8bly.sysonline.it It is freeware.
> >
> > Robert W0LMD
> >
> I tried the new P3D decoder and it works! Congratulations Nino!
>
> Chris Muir ZL1BOE
>
>

3070. Fodtrack up and running?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-25 00:00:00 UTC
From: Gerry <ka1stz@yahoo.com>
Message-ID: <t20qdf7rr8ovfa@corp.supernews.com>
Source record: 7606

Hi! Have any of you in on the Fodtrack board buy gotten yours up and running? Mine has been collecting dust, but I am assembling some of it tonight. Anything to watch out for? -gerry KA1STZ

3071. Re: SatTrak won't compile

Newsgroup: rec.radio.amateur.space
Date: 2000-11-25 00:31:08 UTC
From: hamish@cloud.net.au
Message-ID: <gLDT5.13070$Xx3.54178@news1.eburwd1.vic.optushome.com.au>
Source record: 7601

Rob Janssen <nomail@rob.knoware.nl> wrote:
> That is mainly what I have against it. It only exists for the purpose
> of satisfying the makers themselves, and does not consider market demands.
> SuSE Linux is much better in this respect. Sure there may be some
> technical aspects in which it is not as good, but in the end that is
> not what matters.

Debian is driven by technical ideals. We strive to have the best
distribution judged only on technical merits, not on market share.
SuSE, Red Hat etc will always do whatever is needed to make
the most money etc, not what is necessarily best for their users.

> Sure it would be best if everyone would co-operate, so that the effort
> spent on packaging would not be duplicated so many times, and time would
> be available to optimize every aspect of Linux packaging and installation.
> However, that seems to be an ideal that is very far away.

There are attempts to simplify things, like the Linux Standard Base
project. However, Debian is not about to lower its standards without
good reason.

Hamish
--
Hamish Moffatt VK3SB <hamish@debian.org> <hamish@cloud.net.au>

3072. Re: AO-40 Software telemetry decoder

Newsgroup: rec.radio.amateur.space
Date: 2000-11-25 07:24:50 UTC
From: Chris Muir <cmuir@startrek.org.nz>
Message-ID: <YQJT5.1682$0Fdf.41812212@news.xtra.co.nz>
Source record: 7602

Dr. Robert Suding <robert@qadas.com> wrote in message
news:3A1F46A6.E0ACA63A@qadas.com...
> You can download a software only / soundblaster input progam for use on
> the AO-40 telemetry at 145.898 from:
> http://iz8bly.sysonline.it It is freeware.
>
> Robert W0LMD
>
I tried the new P3D decoder and it works! Congratulations Nino!

Chris Muir ZL1BOE

3073. Re: AO-40 Software telemetry decoder

Newsgroup: rec.radio.amateur.space
Date: 2000-11-26 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn921n81.p31.nomail@linux.pe1chl.ampr.org>
Source record: 7611

Jim Jerzycke <kq6ea@amsat.org> wrote:
>Any chance of porting it to Linux?
>Jim KQ6EA

I have asked him and offered help, but no reply yet. His mailbox is
probably swamped by thank-you messages.

Rob
--
+--------------------------------+-------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+-------------------------------------+

3074. AO-40 IR Laser

Newsgroup: rec.radio.amateur.space
Date: 2000-11-26 00:00:00 UTC
From: "Edgar J. Kaiser" <edgar.kaiser@t-online.de>
Message-ID: <3A20FFD1.2DEAC4AD@t-online.de>
Source record: 7612

Hi,

has anybody a source (preferrably on the web) for detailed
specifications of AO-40's IR Laser?
What I have so far is wavelength (800 nm), power (250 mW) and gain (41
dBi). Info about modulation scheme (subcarrier etc.) would be highly
appreciated.

Thanks,

Edgar
DF2MZ

3075. Re: AO-40 Software telemetry decoder

Newsgroup: rec.radio.amateur.space
Date: 2000-11-26 00:00:00 UTC
From: Hil <hils@nospam.demon.co.uk>
Message-ID: <wVqIiGA8jSI6EwWj@newearth.demon.co.uk>
Source record: 7613

In article <slrn921n81.p31.nomail@linux.pe1chl.ampr.org>, Rob Janssen
<nomail@rob.knoware.nl> writes

>Jim Jerzycke <kq6ea@amsat.org> wrote:
>>Any chance of porting it to Linux?
>>Jim KQ6EA
>
>I have asked him and offered help, but no reply yet. His mailbox is
>probably swamped by thank-you messages.

Add my name to the petition!

--
Hil G4YNV
mailto:g4ynv@newearth.demon.co.uk

3076. Help, I blew my preamp... :(

Newsgroup: rec.radio.amateur.space
Date: 2000-11-26 00:00:00 UTC
From: Gerry <ka1stz@yahoo.com>
Message-ID: <t22h1mk3e2nq61@corp.supernews.com>
Source record: 7614
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.equipment,rec.radio.amateur.space

Is anyone familiar with the preamp circuit in Mirage amplifiers? I have
a model B3016 (2M, 30 in, 160 out), and I blew the preamp last night. I
assembled a new station, putting my amps on the tower. I tested both amps &
preamps, all was working fine (great gain on those preamps too!). I went to
test the circular polarization switch to my KLM 2meter antenna, and the
relay didn't fire. I didn't think the relay coil shared a ground with the
coax ground but apparently it does. I hooked up the 12v backwards to the
antenna relay, which I guess sent the 12v through coax ground to the preamp.
After doing that, the preamp no longer works. Signal feed-through seems
fine with the preamp off, but when I turn it on the signal is weakened
(attenuated) a lot. I changed the FET in the preamp circuit, but that
didn't do it. The power amp circuitry seems ok too.
It seems as though there are less than 10 components in this preamp
circuit; does anyone have an idea of what the most likely damaged component
would be? Or a suggestion for troubleshooting with basic equipment?
Thanks! -Gerry KA1STZ

3077. AO-40 on WT

Newsgroup: rec.radio.amateur.space
Date: 2000-11-26 00:00:00 UTC
From: Juan <novalid@novalid.com>
Message-ID: <8vrl7qlgm1@diana.bcn.ttd.net>
Source record: 7615

I was very surprised yesterday when cycling on the country I heard the AO40 beacon on my Walky, listening in FM 145.895. Signal S3 with quarter wavelength antenna,horizontally polarized better than vertically. Strong signal. Fine job.

Juan, EA6NP
Mallorca Island, Spain

3078. Re: AO-40 Software telemetry decoder

Newsgroup: rec.radio.amateur.space
Date: 2000-11-26 00:00:00 UTC
From: Jim Jerzycke <kq6ea@amsat.org>
Message-ID: <3A2160AD.35E314AF@amsat.org>
Source record: 7616

Thanks, for asking him. Let me know if you need any help porting it.
Jim KQ6EA

3079. AO-40 telemetry decoder

Newsgroup: rec.radio.amateur.space
Date: 2000-11-26 00:00:00 UTC
From: "Greg D." <gregd@jps.net>
Message-ID: <3A2167A2.5F45383B@jps.net>
Source record: 7617

On the Amsat FTP site is a general telemetry decoder program
for Windows (WinTel.exe). There are a number of templates for
different satellite telemetry formats. AO-40 isn't one of them
(yet).

Has anyone created a .CFG file for AO-40? Alternatively, are
there any telemetry decoders that run from a raw text log?
I am using Nino's excellent AO-40 sound card-based "modem",
and can see the ascii text clearly, but the rest of the
data needs a decoder of some sort to read. The program logs
all it sees to a txt file.

Thanks,

Greg.

3080. Re: Help, I blew my preamp... :(

Newsgroup: rec.radio.amateur.space
Date: 2000-11-26 00:00:00 UTC
From: Dan K Nelson <w6dkn@qsl.net>
Message-ID: <jZfU5.3149$tD4.327904@paloalto-snr1.gtei.net>
Source record: 7618
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.equipment,rec.radio.amateur.space

"Gerry" <ka1stz@yahoo.com> wrote in message
news:t22h1mk3e2nq61@corp.supernews.com...
> Is anyone familiar with the preamp circuit in Mirage amplifiers? I
have
> a model B3016 (2M, 30 in, 160 out), and I blew the preamp last night. I
> assembled a new station, putting my amps on the tower. I tested both amps
&
> preamps, all was working fine (great gain on those preamps too!). I went
to
> test the circular polarization switch to my KLM 2meter antenna, and the
> relay didn't fire. I didn't think the relay coil shared a ground with the
> coax ground but apparently it does. I hooked up the 12v backwards to the
> antenna relay, which I guess sent the 12v through coax ground to the
preamp.
> After doing that, the preamp no longer works. Signal feed-through seems
> fine with the preamp off, but when I turn it on the signal is weakened
> (attenuated) a lot. I changed the FET in the preamp circuit, but that
> didn't do it. The power amp circuitry seems ok too.
> It seems as though there are less than 10 components in this preamp
> circuit; does anyone have an idea of what the most likely damaged
component
> would be? Or a suggestion for troubleshooting with basic equipment?
> Thanks! -Gerry KA1STZ
>

There are a pair of MPS-2222 transistors used in the preamp stage. When mine blew, I wasn't sure which one, or if both, went bad, so I replaced them both. This fixed the problem in my case. You might want to check the relay and the two diodes protecting it while your in there, you could have blown these also (however, if you power up the amp and can hear the relay kick in and out when you work the preamp switch, then you're probably OK here).

Another thing to check is the contacts on the relays, when they get dirty, the preamp becomes intermittent, sometimes it amplifies, and sometimes it appears to attenuate.

A word of warning, be very observant when making the replacements, the holes in the pcb are not aligned the same as the leads on the transistors, so you need to bend the leads around a bit to get them in the right holes...

73 and good luck,

Dan - W6DKN

3081. Re: Help, I blew my preamp... :(

Newsgroup: rec.radio.amateur.space
Date: 2000-11-26 00:00:00 UTC
From: Gerry <ka1stz@yahoo.com>
Message-ID: <t233k46nke9ve3@corp.supernews.com>
Source record: 7619
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.equipment,rec.radio.amateur.space

Dan, thanks for your input. I believe the MPS-2222s are fine; the relays operate normally. I think the contacts are clean also, as I played with the preamp (switching it on/off) for about 30 minutes before I blew it. It seemed very consistant when switched on. You do have me wondering on the FET leads though, I think they were aligned with the holes on this one (I hope!) I'm still looking! -Gerry KA1STZ

"Dan K Nelson" <w6dkn@qsl.net> wrote in message news:jZfU5.3149$tD4.327904@paloalto-snr1.gtei.net...
>
>
> There are a pair of MPS-2222 transistors used in the preamp stage. When mine
> blew, I wasn't sure which one, or if both, went bad, so I replaced them
> both. This fixed the problem in my case. You might want to check the relay
> and the two diodes protecting it while your in there, you could have blown
> these also (however, if you power up the amp and can hear the relay kick in
> and out when you work the preamp switch, then you're probably OK here).
>
> Another thing to check is the contacts on the relays, when they get dirty,
> the preamp becomes intermittent, sometimes it amplifies, and sometimes it
> appears to attenuate.
>
> A word of warning, be very observant when making the replacements, the holes
> in the pcb are not aligned the same as the leads on the transistors, so you
> need to bend the leads around a bit to get them in the right holes...
>
> 73 and good luck,
>
> Dan - W6DKN
>
>
>

3082. AO40 Orbit

Newsgroup: rec.radio.amateur.space
Date: 2000-11-26 00:00:00 UTC
From: Robert Meyer <bobrf@fuse.net>
Message-ID: <3A2194D8.8C8D99C6@fuse.net>
Source record: 7620

Hi;
A few of us in sw ohio have conflicting positions of ao40.We are
using IT ,I have it now at 22:52z over the south atlantic nr equator.
Can someone confirm

Thanks Bob W8DQ 11/26/00

3083. Re: AO-40 Software telemetry decoder

Newsgroup: rec.radio.amateur.space
Date: 2000-11-26 00:38:39 UTC
From: Jim Jerzycke <kq6ea@amsat.org>
Message-ID: <3A205B8F.B75E68D0@amsat.org>
Source record: 7607

Any chance of porting it to Linux?
Jim KQ6EA

3084. Re: Help. Need rectangular (lat,lon) to orthographic projection formula

Newsgroup: rec.radio.amateur.space
Date: 2000-11-26 05:53:30 UTC
From: Serge Kourdakov <kourdak@mail.magelan.ru>
Message-ID: <8vq8ec$gt2$1@news247.cnt.ru>
Source record: 7608

Hi.

Download my program MapWalker
http://members.nbci.com/kourdakov/mapwalker.htm

It goes with source code and you'll learn how to project lat and lon to map
and also you will have an opportunity to create your own maps.

Enjoy.

Serge Kourdakov
http://members.nbci.com/kourdakov/the_site.htm

----- Original Message -----
From: "3.14159265358979323846264338327 95" <rfspace@yahoo.com>
Newsgroups: rec.radio.amateur.space
Sent: Friday, November 24, 2000 7:00 PM
Subject: Help. Need rectangular (lat,lon) to orthographic projection formula

> Hi Guys,
>
> I am in the process of writting a free satellite tracking software for
> AO-40. I am looking for the transformation formula from latitude and
> longitude to a planar orthographic picture from infinity (perspective
> projection). If anyone can point me in the right direction I would
> appreciate it. Thanks,
>
> Pieter

3085. Re: Source of 2.4 ghz feedhorns?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-26 06:11:35 UTC
From: Joe Leikhim <jleikhim@nettally.com>
Message-ID: <3A20A996.54F1F26A@nettally.com>
Source record: 7610

A 2.4 GHz feed horn would be rather large for a 3 ft dish and would block the aperture, thus reducing the efficiency (gain). Best to use a dipole or helical feed. Check out Downeast Microwave's tri-band feed (3B FEED $15 and 3B FEEDK $35, estimated prices, old).

Jeff Kelly wrote:

> Does anyone know where I can purchase
> a 2.4 ghz feedhorn for my 3 ft. dish?
>
> Thanks,
>
> Jeff Kelly
> KT2K

--
Joe Leikhim K4SAT
Jleikhim@nettally.com

"tv dinner by the pool,
i'm so glad i finished school" -F.Zappa 1967

"The Revolution will NOT be televised" -Gil Scott Heron

"Whats he building in there?"- Tom Waits

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3086. Re: RS-12/13 status

Newsgroup: rec.radio.amateur.space
Date: 2000-11-26 06:16:36 UTC
From: Joe Leikhim <jleikhim@nettally.com>
Message-ID: <3A20AAC3.3D41AC82@nettally.com>
Source record: 7609

Earlier this week I heard RS-12/13 relay HF transmissions on 2 meters. I was listening to the AO-40 telemetry beacon around 145.898 when I heard a station inquire "is this frequency in use?". Dialing around, I heard a ton of HF stations operating on the input.

"Kevin Muenzler, WB5RUE" wrote:

> I've read several (conflicting) reports on the status of this bird. Some
> say that RS-12 is in KT. My observations say it's off. (The beacon does
> indicate KT). RS-13 seems to be in mode K but I can't confirm this.
>
> What's the REAL scoop?
>
> Thanks
>
> Kevin, WB5RUE
> wb5rue@arrl.net
> el09vf

--
Joe Leikhim K4SAT
Jleikhim@nettally.com

"tv dinner by the pool,
i'm so glad i finished school" -F.Zappa 1967

"The Revolution will NOT be televised" -Gil Scott Heron

"Whats he building in there?"- Tom Waits

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this address is subject to a download and archival fee of
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3087. Re: AO-40 Software telemetry decoder

Newsgroup: rec.radio.amateur.space
Date: 2000-11-27 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn923964.p31.nomail@linux.pe1chl.ampr.org>
Source record: 7622

Jim Jerzycke <kq6ea@amsat.org> wrote:
>Thanks, for asking him. Let me know if you need any help porting it.
>Jim KQ6EA

Well, I still did not get any reply. I have started writing it myself.

(or in fact, I am converting an existing 56K program by SP9VRC to C)

Rob
--
+--------------------------------+-------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+-------------------------------------+

3088. Re: SatTrack Compilation Errors

Newsgroup: rec.radio.amateur.space
Date: 2000-11-27 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9248mv.p31.nomail@linux.pe1chl.ampr.org>
Source record: 7623

Jim Jerzycke <kq6ea@amsat.org> wrote:
>Hi, again. Well, I was able to find 3.1.6, and I edited the Makefile as
>suggested by Rob, PE1CHL. Now, however, I get the following errors, and
>gcc exits.
>I get "In function 'main' return type of 'main' is not 'int'". This
>happens in each of the sections it tries to compile.

This should be only a warning. Ignore it.

>Then towards the end I get in "CheckKeyboard" that 'TCGETS' and 'TCSETS'
>are undeclared.

Install the package "Include files for the kernel" (linclude) on your system.
(using YaST, in the series Development)
It is required to do many compilations.

Rob
--
+--------------------------------+-------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+-------------------------------------+

3089. WTB DSP-2232

Newsgroup: rec.radio.amateur.space
Date: 2000-11-27 00:00:00 UTC
From: Jeff Kelly <jkelly@bellatlantic.net>
Message-ID: <fAsU5.12165$TE3.743136@typhoon2.ba-dsg.net>
Source record: 7624

Please state condition and price.

Thanks,

Jeff Kelly
jkelly@bellatlantic.net

KT2K

3090. Decoder help

Newsgroup: rec.radio.amateur.space
Date: 2000-11-27 00:00:00 UTC
From: Shep <shep@northlink.com>
Message-ID: <hCuU5.4289$925.191736@news.direcpc.com>
Source record: 7625

I've installed Nino's AO-40 decoder and cannot get the audio device to open.

I'm using Mic in on the audio card and output from the remote speaker jack
on the rig (FT-736R) suggestions appreciated.

Shep AA7MH

3091. Re: AO40 Orbit

Newsgroup: rec.radio.amateur.space
Date: 2000-11-27 00:00:00 UTC
From: jimmy john <jj@sandwitch.org>
Message-ID: <4A8A59F2BDCDD311BFC800508BA36AC805AE9523@www.indianarep.com>
Source record: 7626

They're going to "nudge" it gradually into its final orbit, so we're going to have to update the keps pretty regularly for the next 9 months.

Your time and position seem about right, based on the keps I have (from amsat.org)

Robert Meyer <bobrf@fuse.net> wrote in message news:3A2194D8.8C8D99C6@fuse.net...
> Hi;
> A few of us in sw ohio have conflicting positions of ao40.We are
> using IT ,I have it now at 22:52z over the south atlantic nr equator.
> Can someone confirm
>
> Thanks Bob W8DQ 11/26/00

3092. Help with operational SATS please!

Newsgroup: rec.radio.amateur.space
Date: 2000-11-27 00:00:00 UTC
From: dinod@deltanet.com
Message-ID: <MWvU5.243900$g6.113096174@news2.rdc2.tx.home.com>
Source record: 7627

Hello! I am building an "AMATEUR.SCF" file for Stsplus. The SCF file limits me to 30 satelites and 2 geosync sats.

The doc file says this...
"The first two satellite slots, #1 and #2, are reserved for geosynchronous communications satellites."

Out of the list of 33 amateur sats below, what three could I discard? I was thinking that MIR can be tracked separately. Please give me your opinions on the three sats I can ax.

Here is the list... (reading from left to right)

AO-10 UO-11 MIR RS-10/11 UO-14 UO-15

AO-16 DO-17 WO-18 LO-19 FO-20 AO-21

RS-12/13 UO-22 KO-23 AO-27 IO-26

KO-25 POSAT RS-15 FO-29 MO-30 TO-31

GO-32 SO-33 PO-34 ISS (ZARYA) SO-35 UO-36

WO-39 OO-38 AO-37 AO-40

Dino...K6RIX

3093. AO-40 Tele

Newsgroup: rec.radio.amateur.space
Date: 2000-11-27 00:00:00 UTC
From: Shep <shep@northlink.com>
Message-ID: <NBwU5.4292$925.192392@news.direcpc.com>
Source record: 7628

Please ignore last port. Nino's program is working fine!

Anyone know a source for more AO40 info ?? AMSAT site is pretty quiet. Tks and 73

Shep AA7MH

3094. Re: AO-40 Tele

Newsgroup: rec.radio.amateur.space
Date: 2000-11-27 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn925790.p31.nomail@linux.pe1chl.ampr.org>
Source record: 7629

Shep <shep@northlink.com> wrote:

>Anyone know a source for more AO40 info ?? AMSAT site is pretty quiet. Tks
>and 73

http://www.amsat-dl.org/

Rob
--
+--------------------------------+-------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+-------------------------------------+

3095. Re: Help, I blew my preamp... :(

Newsgroup: rec.radio.amateur.space
Date: 2000-11-27 00:00:00 UTC
From: X@Y.Z.net
Message-ID: <slrn9255qf.58u.X@animas.frontier.net>
Source record: 7630
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.equipment,rec.radio.amateur.space

On Sun, 26 Nov 2000 22:16:49 GMT, Dan K Nelson scribbled:
>
>"Gerry" <ka1stz@yahoo.com> wrote in message
>news:t22h1mk3e2nq61@corp.supernews.com...
>>Is anyone familiar with the preamp circuit in Mirage amplifiers? I have
>> a model B3016 (2M, 30 in, 160 out), and I blew the preamp last night.
>> Thanks! -Gerry KA1STZ
>
>There are a pair of MPS-2222 transistors used in the preamp stage.

Nope -- the 2 MPS-2222 (or MPS-A13 on the schematic) are general
purpose xistors, and are used in the B3016 to drive the 'change-over'
relay and to drive the 'switch in the preamp' relay.

The preamp is a J309 -- and just a handfull of components (as the
original poster noted.)

I have the B3016. I was somewhat unhappy with the preamp's
performance. I scraped off all the preamp's components and
installed a Hamtronics LNY-146 on some short stand-offs over
the same piece of real estate where the original amp was.

http://www.hamtronics.com/hamtronics.html

For $29 you get 0.6 dB nf and 18 dB gain.

HTH es 73,
Jonesy

--
Marvin L Jones | jonz | W3DHJ | OS/2
Gunnison, Colorado | @ | Jonesy | linux __
7,703' -- 2,345m | frontier.net | DM68mn SK

3096. Re: Recording of RS-12's 2m Beacon....

Newsgroup: rec.radio.amateur.space
Date: 2000-11-27 00:00:00 UTC
From: "bury.saliceti" <bury.saliceti@wanadoo.fr>
Message-ID: <3A22BA69.2214F592@wanadoo.fr>
Source record: 7631

I have listen to your ISS recording (the 1st one).
Which frequencies did you use ?
I belived they were using the air to ground VHF communications when above
Russia only...

73 from Lou TK5ML.

N1RZ a ï¿½crit :

> Here is a RealAudio recording of RS12's beacon I made from the 2m beacon
> Today.
>
> http://www.timhavens.com/n1rz/recordings/rs12-200011211405appx.rm
>
> There are a few more recordings at:
>
> http://www.timhavens.com/n1rz/recordings/index.html
>
> The RS12 beacon was S5-7 here in FN44ei on my horizonal K1FO 12 ele 2m Beam
> @ 35'.
>
> I thought I heard it last week sometime....but now I'm sure ;-)
>
> Enjoy....
>
> Tim

3097. Re: Help with operational SATS please!

Newsgroup: rec.radio.amateur.space
Date: 2000-11-27 00:00:00 UTC
From: marsgal42@hotmail.com
Message-ID: <8vuki8$c19$1@nnrp1.deja.com>
Source record: 7632

In article <MWvU5.243900$g6.113096174@news2.rdc2.tx.home.com>,
dinod@deltanet.com (Dino) wrote:
> Hello! I am building an "AMATEUR.SCF" file for Stsplus. The SCF file
> limits me to 30 satelites and 2 geosync sats...
> (snip)
> Here is the list... (reading from left to right)
>
> AO-10 UO-11 MIR RS-10/11 UO-14 UO-15
>
> AO-16 DO-17 WO-18 LO-19 FO-20 AO-21
>
> RS-12/13 UO-22 KO-23 AO-27 IO-26
>
> KO-25 POSAT RS-15 FO-29 MO-30 TO-31
>
> GO-32 SO-33 PO-34 ISS (ZARYA) SO-35 UO-36
>
> WO-39 OO-38 AO-37 AO-40

If you check current ANS bulletins you will find that
several of these satellites are either defunct, or are
not in amateur service. RS-10, DO-17 and WO-18 have
been off the air for ages. POSAT was in amateur service
for a few weeks when it was launched, but has been entirely
commercial since. And so on.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..." - Hospital/Shafte

Sent via Deja.com http://www.deja.com/
Before you buy.

3098. Re: Help, I blew my preamp... :(

Newsgroup: rec.radio.amateur.space
Date: 2000-11-27 00:00:00 UTC
From: Gerry <ka1stz@yahoo.com>
Message-ID: <t25qe9oun5um90@corp.supernews.com>
Source record: 7633
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.equipment,rec.radio.amateur.space

Eesh, this is a great idea...the bummer is I ordered a replacement FET
today...hmmm. I like the looks of that preamp! Thanks for the
nfo! -Gerry KA1STZ

"Jynx" <X@Y.Z.net> wrote in message
news:slrn9255qf.58u.X@animas.frontier.net...
> On Sun, 26 Nov 2000 22:16:49 GMT, Dan K Nelson scribbled:
> >
> >"Gerry" <ka1stz@yahoo.com> wrote in message
> >news:t22h1mk3e2nq61@corp.supernews.com...
> >>Is anyone familiar with the preamp circuit in Mirage amplifiers? I have
> >> a model B3016 (2M, 30 in, 160 out), and I blew the preamp last night.
> >> Thanks! -Gerry KA1STZ
> >
> >There are a pair of MPS-2222 transistors used in the preamp stage.
>
> Nope -- the 2 MPS-2222 (or MPS-A13 on the schematic) are general
> purpose xistors, and are used in the B3016 to drive the 'change-over'
> relay and to drive the 'switch in the preamp' relay.
>
> The preamp is a J309 -- and just a handfull of components (as the
> original poster noted.)
>
> I have the B3016. I was somewhat unhappy with the preamp's
> performance. I scraped off all the preamp's components and
> installed a Hamtronics LNY-146 on some short stand-offs over
> the same piece of real estate where the original amp was.
>
> http://www.hamtronics.com/hamtronics.html
>
> For $29 you get 0.6 dB nf and 18 dB gain.
>
> HTH es 73,
> Jonesy
>
> --
> Marvin L Jones | jonz | W3DHJ | OS/2
> Gunnison, Colorado | @ | Jonesy | linux __
> 7,703' -- 2,345m | frontier.net | DM68mn SK

3099. SatTrack Compilation Errors

Newsgroup: rec.radio.amateur.space
Date: 2000-11-27 05:13:08 UTC
From: Jim Jerzycke <kq6ea@amsat.org>
Message-ID: <3A21ED64.5344FB68@amsat.org>
Source record: 7621

Hi, again. Well, I was able to find 3.1.6, and I edited the Makefile as suggested by Rob, PE1CHL. Now, however, I get the following errors, and gcc exits.
I get "In function 'main' return type of 'main' is not 'int'". This happens in each of the sections it tries to compile.
Then towards the end I get in "CheckKeyboard" that 'TCGETS' and 'TCSETS' are undeclared.
I looked in the sections, and I see where 'main' is, but I'm totally lost here, and don't know what to change/edit.
TIA, Jim KQ6EA

3100. Re: SatTrack Compilation Errors

Newsgroup: rec.radio.amateur.space
Date: 2000-11-28 00:00:00 UTC
From: Eamon Skelton <Xnospam@oceanfree.net>
Message-ID: <3s3009.o5o.ln@localhost.localdomain>
Source record: 7549

In article <3A21ED64.5344FB68@amsat.org>, "Jim Jerzycke" <kq6ea@amsat.org>
wrote:

> Hi, again. Well, I was able to find 3.1.6, and I edited the Makefile as
> suggested by Rob, PE1CHL. Now, however, I get the following errors, and
> gcc exits. I get "In function 'main' return type of 'main' is not
> 'int'".

Don't worry about it, I got the same warning messages when
I compiled SatTrack. It is a bit tricky to configure the makefile
for SatTrack. I'll send you a copy of my makefile, it shouldn't
need much modification to compile on your system.

Make sure you don't have the version with the Y2K bug!

73, Ed. EI9GQ.

--
Remove 'X' to reply by e-mail.

http://www.qsl.net/ei9gq
Linux 2.4.0-test11

3101. Az-El rotators??

Newsgroup: rec.radio.amateur.space
Date: 2000-11-28 00:00:00 UTC
From: jimmy john <jj@sandwitch.org>
Message-ID: <4A8A59F2BDCDD311BFC800508BA36AC805B479AD@www.indianarep.com>
Source record: 7550

I've only found one in my stack of catalogs and it was over $600. I'm looking for a light-duty and relatively inexpensive one for mounting my Arrow yagi, probably from a tripod. Portability is desirable. I suppose I could lash up a couple of stepper motors and fabricate something, but the mechanical part of construction would be a real pain - no welding/brazing gear at this end.

Anyone have a good recommendations?

thanks in advance

3102. Do not subscribe to Ameritech DSL

Newsgroup: rec.radio.amateur.space
Date: 2000-11-28 00:00:00 UTC
From: Christopher Cox <cobox@urec.net>
Message-ID: <01c05982$94f0bf40$78c8a8c0@CBX-NT>
Source record: 7551

A word of warning,

Do not subscribe to Ameritech DSL. If you already have, your service will not get better, for even I held out hope.

The amount of actual service provided to our site was 3 weeks of uptime over a period of 3 months. 75% Down time, and they will not refund our moneys.

Their service agents at the call centers where absolutely no help, and knew very little about IP. The service tech's that would come out on site really where not to bad.

There was the Twit who downed our SPAD in the CO for 4 days for maintenance without telling anyone however.

After a couple weeks of finally being up, they changed out static IP, oblivious to the meaning of the word STATIC.

Sorry for the rant, I hope it helps someone out there.

Christopher Cox

3103. Re: Az-El rotators??

Newsgroup: rec.radio.amateur.space
Date: 2000-11-28 00:00:00 UTC
From: Ralph Mowery <rmowery@dialpoint.net>
Message-ID: <3A242AE4.E4513A85@dialpoint.net>
Source record: 7552

It is possiable to use some of the older Alliance rotators for the elevation rotation. I thik the number is U-100. YOu have to cut off a portion of the rotator so a mast will pass through the rotator and mount it sideways. It is not too difficult to mount them on a sheet of aluminum or steel.
Some of the older ARRL handbooks have the info in them and tell how to make a mast for them. Usually a short piece (2 feet or so) of aluminum or steel tubing an some longer pieces of pvc pipe with wood in them for strength.

jimmy john wrote:
>
> I've only found one in my stack of catalogs and it was over $600. I'm
> looking for a light-duty and relatively inexpensive one for mounting my
> Arrow yagi, probably from a tripod. Portability is desirable. I suppose I
> could lash up a couple of stepper motors and fabricate something, but the
> mechanical part of construction would be a real pain - no welding/brazing
> gear at this end.
>
> Anyone have a good recommendations?
>
> thanks in advance

3104. Re: Help with operational SATS please!

Newsgroup: rec.radio.amateur.space
Date: 2000-11-28 00:00:00 UTC
From: David Bate <davebate@home.com>
Message-ID: <AjWU5.12146$3u1.2662113@news3.rdc1.on.home.com>
Source record: 7553

I have already updated my AMATEUR.SCF based on the latest ANS..

http://members.home.net/pepsi007/amateur.scf or via my STSPLUS page..

http://members.home.net/davebate/stsplus.htm

This time around I had to delete a few of the non-operational sats to stay
within the 32 sat limit..

<marsgal42@hotmail.com> wrote in message news:8vuki8$c19$1@nnrp1.deja.com...
> In article <MWvU5.243900$g6.113096174@news2.rdc2.tx.home.com>,
> dinod@deltanet.com (Dino) wrote:
> > Hello! I am building an "AMATEUR.SCF" file for Stsplus. The SCF file
> > limits me to 30 satelites and 2 geosync sats...
> > (snip)
> > Here is the list... (reading from left to right)
> >
> > AO-10 UO-11 MIR RS-10/11 UO-14 UO-15
> >
> > AO-16 DO-17 WO-18 LO-19 FO-20 AO-21
> >
> > RS-12/13 UO-22 KO-23 AO-27 IO-26
> >
> > KO-25 POSAT RS-15 FO-29 MO-30 TO-31
> >
> > GO-32 SO-33 PO-34 ISS (ZARYA) SO-35 UO-36
> >
> > WO-39 OO-38 AO-37 AO-40
>
> If you check current ANS bulletins you will find that
> several of these satellites are either defunct, or are
> not in amateur service. RS-10, DO-17 and WO-18 have
> been off the air for ages. POSAT was in amateur service
> for a few weeks when it was launched, but has been entirely
> commercial since. And so on.

--
David Bate | http://members.home.net/davebate
Bowmanville, ON, CANADA | http://scannerdesk.mypage.org
ICQ 9344489 | http://acars-ontario.fly.to
NYSING Member 191 | http://www.egroups.com/group/scannerdesk

Network Analyst dbate@rci.rogers.com
Rogers Communications Inc.

PRO-2004 PRO-37 BC895XLT DX-440 Discone LongWire

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (http://www.grisoft.com).
Version: 6.0.211 / Virus Database: 100 - Release Date: 11/14/2000

3105. Re: Ponderings on ISS

Newsgroup: rec.radio.amateur.space
Date: 2000-11-28 00:00:00 UTC
From: "Michael A. Terrell" <michaelaterrell@netscape.net>
Message-ID: <3A246FB8.79AC486C@netscape.net>
Source record: 7554

don wrote:
>
> In all the flurry to listen in on AO-40, I suddenly wondered if
> "they" bother to listen to "us".
>
> I wonder what 50KW broadcast stations might sound like from ISS and
> whether any homesick astronauts (more likely Mir that ISS, I suppose)
> has tried to listen to terrestrial FM/AM commercial stations while
> away from home.
>
> Hmmm, a new Nielsen catagory: "space stations 18-40"...

The ISS has a 20 MHZ bandwidth data link built by L3Com/Microdyne to deliver private communications and data, as well as software updates. The receiver is a customized 700 series receiver we built about a year before the last shuttle mission It's part of a analog KU band system to be used, till more of the space station is built. It can also be used to uplink radio or TV signals when it's not needed for other communications.

3106. Re: Az-El rotators??

Newsgroup: rec.radio.amateur.space
Date: 2000-11-28 00:00:00 UTC
From: "Greg D." <gregd@jps.net>
Message-ID: <3A247AF8.9F6A238E@jps.net>
Source record: 7555

It's not only possible, but I've done it. I'm not sure what the exact Alliance model is (type 83?), but they're all similar in construction. I found a regular ham-type Az rotor and controller at one ham swap, and the TV rotor at another. I drilled a second set of holes on the Az rotor, and mounted the TV rotor sideways directly on it. A plastic bag temporarily keeps water out of the TV rotor - they're not designed to be waterproof except when mounted vertically.

Both rotor mechanisms use an internal momentary contact switch to indicate travel (every 6 degrees on one, 10 degrees on the other). Some quick work with relays and a Basic Stamp, and I have an automatic Az/El controller driven by FODTRACK. (Well, it wasn't that quick, but definitely a whole lot cheaper than the commercial variety.)

I also found an identically-looking Alliance rotor that uses a variable resistor instead of the switch, so if you are building a controller (or scrounging one separately), be sure you match the positioning method.

Good luck,

Greg.

Steve wrote:
>
> It's possible to make an elevation rotor from some available T.V. antenna
> rotors. I use one called "Orbit 360", I found it at Home Depot, I think it
> cost about $25.00. I had to make a mounting plate and It has to be covered
> to keep water out. I've used it with no problem for several years. Another
> one
> that works well is the old Alliance U100.
> Look for one that allows the antenna mast to pass through the rotor.
> Steve .. AI7W
>
> jimmy john <jj@sandwitch.org> wrote in message
> news:4A8A59F2BDCDD311BFC800508BA36AC805B479AD@www.indianarep.com...
> > I've only found one in my stack of catalogs and it was over $600. I'm
> > looking for a light-duty and relatively inexpensive one for mounting my
> > Arrow yagi, probably from a tripod. Portability is desirable. I suppose
> I
> > could lash up a couple of stepper motors and fabricate something, but the
> > mechanical part of construction would be a real pain - no welding/brazing
> > gear at this end.
> >

> > Anyone have a good recommendations?
> >
> > thanks in advance
> >
> >

3107. Re: AO-40 70 cm antenna damage?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-28 00:00:00 UTC
From: Bob Morehouse <nobobmorespam@pacifier.com>
Message-ID: <3A24A4C3.ECA98D2A@pacifier.com>
Source record: 7556

Come on now, people. You should know by now that if you want reliable information about amateur satellites, you need to go to: www.amsat.org

Especially with all the interest in AO-40, as soon as there is information to distribute, they will create a bulletin and post it on their site. If it has to do with amateur satellites, they're obviously the ones who will have the "in" on what's going on.

Bob, KB7ADO

Do not use REPLY button
If replying direct, send to: bobmore@pacifier.com

3108. Re: SatTrack Compilation Errors

Newsgroup: rec.radio.amateur.space
Date: 2000-11-28 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn926uq4.p31.nomail@linux.pe1chl.ampr.org>
Source record: 7640

Jim Jerzycke <kq6ea@amsat.org> wrote:
>Hi, Rob. I checked, and I do have the linclude package installed. Can
>you suggest a book to read on learning how to debug this kind of stuff?
>NONE of my Linux books or 'C' programming books go into this level.

This is not really C programming, it is a peculiarity of the Linux
system. Maybe you have installed another kernel source and then removed
it.

The point is: of the include files in /usr/include and below, some define
values and data structures (like the TCGETS) that are exported by the
kernel. So the matching include files really belong to the kernel.

This is solved by putting a couple of symbolic links in /usr/include that
point to a kernel-version dependent directory where everything is stored:

in /usr/include:
lrwxrwxrwx 1 root root 29 Jan 13 2000 asm -> ../src/linux/include/asm-i386
lrwxrwxrwx 1 root root 26 Jan 13 2000 linux -> ../src/linux/include/linux

in /usr/src:
total 18
lrwxrwxrwx 1 root root 12 Jan 13 2000 linux -> linux-2.2.14

Now when you don't have the directory these links point to (in this case
./src/linux/include = /usr/src/linux/include which again points to
linux-2.2.14 on this system) the files will not be found.

Because not everyone needs all sources of the kernel, SuSE has split the
kernel source package in two separate packages: one containing only the
includes, and the other containing the remainder. That second package is
only required when you want to compile your own kernel.

When you have messed with this, check the above structure.
When not, I would not know what is going wrong here.

Rob

(on with the hairpulling DSP asm to C conversion...)
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

3109. Re: 432 Helix available?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-28 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn926ust.p31.nomail@linux.pe1chl.ampr.org>
Source record: 7641

```
Jeff Kelly <jkelly@bellatlantic.net> wrote:
>Does anyone know of a source for a 432 helix
>antenna, either commercial or someone that will
>build one?

There is one on www.wimo.com

Rob
--
+--------------------------------+-------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+-------------------------------------+
```

3110. Re: Ponderings on ISS

Newsgroup: rec.radio.amateur.space
Date: 2000-11-28 00:00:00 UTC
From: jimmy john <jj@sandwitch.org>
Message-ID: <4A8A59F2BDCDD311BFC800508BA36AC805B2FE4B@www.indianarep.com>
Source record: 7642

Hawkeye <aa1339@yahoo.com> wrote in message
news:3a2335c6.103892399@news.gl.centurytel.net...

> guys have an antenna 380 KM high. Their whole radio dial would be a
> cacophony of noise.

Ah, but the loudest signal "wins" (in FM, that is).

3111. Re: Ponderings on ISS

Newsgroup: rec.radio.amateur.space
Date: 2000-11-28 00:00:00 UTC
From: "George J. Molnar" <George@Molnar.com>
Message-ID: <OuOU5.11409$II2.1131214@newsread2.prod.itd.earthlink.net>
Source record: 7643

"jimmy john" <jj@sandwitch.org> wrote in message
news:4A8A59F2BDCDD311BFC800508BA36AC805B2FE4B@www.indianarep.com...
>
> Hawkeye <aa1339@yahoo.com> wrote in message
> news:3a2335c6.103892399@news.gl.centurytel.net...
>
> > guys have an antenna 380 KM high. Their whole radio dial would be a
> > cacophony of noise.
>
> Ah, but the loudest signal "wins" (in FM, that is).
>
For any given instant. One might get a minute of useable music per station
per pass. Maybe. I can imagine the ISS gang as early listeners to satellite
delivered radio - and even then only for part of each orbit :)

3112. InstaTrack v1.5 ???

Newsgroup: rec.radio.amateur.space
Date: 2000-11-28 00:00:00 UTC
From: Mark Wilson <ac892@osfn.org>
Message-ID: <vmd72to34us6fbv5a4ooqjjo0enpn7lptd@4ax.com>
Source record: 7644

Anyone have this sorftware..?
What is the difference between this new version and the old..?

Thanks.
Mark

3113. Re: InstaTrack v1.5 ???

Newsgroup: rec.radio.amateur.space
Date: 2000-11-28 00:00:00 UTC
From: kk5yyNOSPAM@arrl.net
Message-ID: <3a26c49d.118799190@nntp.mindspring.com>
Source record: 7645

It has the Y2K prolem corrected as well as someother updates.
There is a description on http://www.amsat.org

On Tue, 28 Nov 2000 13:45:59 GMT, Mark Wilson <ac892@osfn.org> wrote:

>Anyone have this sorftware..?
>What is the difference between this new version and the old..?
>
>Thanks.
>Mark

3114. Re: Waterfalls and PSK

Newsgroup: rec.radio.amateur.space
Date: 2000-11-28 00:00:00 UTC
From: Shep <shep@northlink.com>
Message-ID: <g%PU5.4335$925.195778@news.direcpc.com>
Source record: 7646

Hi All:

I've also tried Nino's psk 31 decoder (nice!) and have successfully gathered tm data from ao-40.

I too have little idea how the indicators work except that:::

Data is gathered best when the clock alignment is in straight lines and all or most of the waterfall is between the two lines . It appears that the lines can be moved up by dragging the left mouse button.

NOW, does anyone know where I can get software to decode the ascci data which accumulates in the tm file? The AMSAT software seems to want a tnc not raw data files????

73

Shep AA7MH

don <kg9qm@nomail.net> wrote in message news:V7EU5.305$75.231776@news1.iquest.net...
> I have all of about 30 minutes experience with PSK31.
>
> I've downloaded the IZ8BLY decoder and some audio files (hey, AO-40 isn't
> visible from here right now).
>
> Uhmmm, what's the goal here? I now see what a "waterfall" looks like, and I
> see a horizontal trace that appears to deflect in step with the audio.
>
> This particular decoder shows two vertical lines over the waterfall that I have
> no (apparent) direct control over. It appears to float over some center
> frequency that shifts up or down, and has a fixed spacing between them.
>
> I guess that I am supposed to "mouse over" the waterfall and slide those
> horizontal bars up or down (I can't "lock in" to any particular position -
> i.e., after the mouse moves out of the waterfall).
>
> Am I right in assuming one bar is "1" and the other bar is "0"? And that my
> goal is to adjust the bars to get a nice bit transition between?
>
> Is this the way they all work? (All the soundcard-type decoders, that is?)
>

> So far, no decoded data has appeared, so I'm obviously not doing something
> right. I just can't figure out "what" because I don't know what the
"goal" is.
>
>
> thanks in advance,
>
> don
>

3115. AO-40 70 cm antenna damage?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-28 00:00:00 UTC
From: Greg <greglh@gte.net>
Message-ID: <3A23D513.C18D80EB@gte.net>
Source record: 7647

Has anyone heard the rumor that AO-40 is not transmitting telemetry on
70 cm due to a damaged antenna for that band?

Greg, K7YDL

3116. Re: AO-40 70 cm antenna damage?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-28 00:00:00 UTC
From: marsgal42@hotmail.com
Message-ID: <900o4vhg1@nnrp1.deja.com>
Source record: 7648

In article <3A23D513.C18D80EB@gte.net>,
greglh@gte.net wrote:

> Has anyone heard the rumor that AO-40 is not transmitting telemetry on
> 70 cm due to a damaged antenna for that band?

Where did you hear *that*?

There is no information on the problem with the 70cm transmitter.
None. Zip. Nada.

Why worry? All frequencies below 1 GHz are boring anyway. :-)

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..." - Hospital/Shafte

Sent via Deja.com http://www.deja.com/
Before you buy.

3117. Ponderings on ISS

Newsgroup: rec.radio.amateur.space
Date: 2000-11-28 00:31:36 UTC
From: kg9qm@nomail.net
Message-ID: <I1DU5.300$75.230429@news1.iquest.net>
Source record: 7634

In all the flurry to listen in on AO-40, I suddenly wondered if "they" bother to listen to "us".

I wonder what 50KW broadcast stations might sound like from ISS and whether any homesick astronauts (more likely Mir that ISS, I suppose) has tried to listen to terrestrial FM/AM commercial stations while away from home.

Hmmm, a new Nielsen catagory: "space stations 18-40"...

3118. Re: Decoder help

Newsgroup: rec.radio.amateur.space
Date: 2000-11-28 00:47:49 UTC
From: kg9qm@nomail.net
Message-ID: <VgDU5.301$75.230634@news1.iquest.net>
Source record: 7635

Look for a Line In on the sound card. The Mic In is very low level and you
probably are badly over-driving it with the speaker signal.

In article <hCuU5.4289$925.191736@news.direcpc.com>, shep@northlink.com was of
the opinion...
>
>
>I've installed Nino's AO-40 decoder and cannot get the audio device to open.
>
>I'm using Mic in on the audio card and output from the remote speaker jack
>on the rig (FT-736R) suggestions appreciated.
>
>Shep AA7MH
>
>

3119. 432 Helix available?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-28 01:19:58 UTC
From: Jeff Kelly <jkelly@bellatlantic.net>
Message-ID: <2LDU5.173$Wn3.37718@typhoon2.ba-dsg.net>
Source record: 7636

Does anyone know of a source for a 432 helix
antenna, either commercial or someone that will
build one?

Thanks,

Jeff Kelly
KT2K
jkelly@bellatlantic.net

3120. Waterfalls and PSK

Newsgroup: rec.radio.amateur.space
Date: 2000-11-28 01:46:29 UTC
From: kg9qm@nomail.net
Message-ID: <V7EU5.305$75.231776@news1.iquest.net>
Source record: 7637

I have all of about 30 minutes experience with PSK31.

I've downloaded the IZ8BLY decoder and some audio files (hey, AO-40 isn't visible from here right now).

Uhmmm, what's the goal here? I now see what a "waterfall" looks like, and I see a horizontal trace that appears to deflect in step with the audio.

This particular decoder shows two vertical lines over the waterfall that I have no (apparent) direct control over. It appears to float over some center frequency that shifts up or down, and has a fixed spacing between them.

I guess that I am supposed to "mouse over" the waterfall and slide those horizontal bars up or down (I can't "lock in" to any particular position - i.e., after the mouse moves out of the waterfall).

Am I right in assuming one bar is "1" and the other bar is "0"? And that my goal is to adjust the bars to get a nice bit transition between?

Is this the way they all work? (All the soundcard-type decoders, that is?)

So far, no decoded data has appeared, so I'm obviously not doing something right. I just can't figure out "what" because I don't know what the "goal" is.

thanks in advance,

don

3121. Re: SatTrack Compilation Errors

Newsgroup: rec.radio.amateur.space
Date: 2000-11-28 02:31:17 UTC
From: Jim Jerzycke <kq6ea@amsat.org>
Message-ID: <3A2318F5.BF636EC8@amsat.org>
Source record: 7638

Hi, Rob. I checked, and I do have the linclude package installed. Can
you suggest a book to read on learning how to debug this kind of stuff?
NONE of my Linux books or 'C' programming books go into this level.
Thanks, Jim

3122. Re: Ponderings on ISS

Newsgroup: rec.radio.amateur.space
Date: 2000-11-28 04:49:02 UTC
From: aa1339@yahoo.com
Message-ID: <3a2335c6.103892399@news.gl.centurytel.net>
Source record: 7639

On Tue, 28 Nov 2000 00:31:36 GMT, kg9qm@nomail.net (don) wrote:

>In all the flurry to listen in on AO-40, I suddenly wondered if
>"they" bother to listen to "us".
>
>I wonder what 50KW broadcast stations might sound like from ISS and
>whether any homesick astronauts (more likely Mir that ISS, I suppose)
>has tried to listen to terrestrial FM/AM commercial stations while
>away from home.
>
>Hmmm, a new Nielsen catagory: "space stations 18-40"...
>

Since everything is line of sight to them, they would have no trouble picking up any station they want... trouble is, so many stations share their frequencies- just have a look sometimes at Funkenhauser's radio station lists (http://www.inforamp.net/~funk/) and see just how many stations are on a single frequency. It's not a problem for us earthbound mortals, with our all-limiting horizon, but hey- those ISS guys have an antenna 380 KM high. Their whole radio dial would be a cacophony of noise.

Last weekend I caught them on a late night pass on 143.625... the transmitter was on, but no conversation was taking place. In the background I could hear music playing. Couldn't make out the song, it sounded like something country.

3123. Re: SatTrack Compilation Errors

Newsgroup: rec.radio.amateur.space
Date: 2000-11-29 00:00:00 UTC
From: hamish@cloud.net.au
Message-ID: <HR4V5.13919$Xx3.57151@news1.eburwd1.vic.optushome.com.au>
Source record: 7563

Jim Jerzycke <kq6ea@amsat.org> wrote:
> Hi, Eamon. Yes, I'd appreciate getting a copy of your Makefile to
> compare to the one I modified with help from Rob.
> I'm sure it's either something subtle I'm missing, or a "Rookie" error.
> I've been using Linux for almost 5 years now, and I've compiled programs
> before, but I guess this one requires more care.

Yes, the build process is a bit ugly. Rob will disagree with me on this
point, but the license is ugly too. I recommend you try out predict
or mtrack, as they are both capable satellite trackers which are
free software.

Having said that, I still use sattrack myself out of habit.

Hamish
--
Hamish Moffatt VK3SB <hamish@debian.org> <hamish@cloud.net.au>

3124. Re: SatTrack Compilation Errors

Newsgroup: rec.radio.amateur.space
Date: 2000-11-29 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn929lhp.p31.nomail@linux.pe1chl.ampr.org>
Source record: 7564

Jim Jerzycke <kq6ea@amsat.org> wrote:
>Thank you for being so patient with me. I realize you're very busy with
>the port of the DSP software. I have all the files you listed, but it
>looks like I may (?) be missing a symbolic link.

Well, it looks like Thomas has beaten me to it, he has released a
demodulator. I'll test it and see if it is still worthwile to continue.

>In /usr/include, I have a symlink to /asm (a lot of '.h' files) and a
>symlink to /linux (another group of '.h' files, and some other
>folders).

>In /usr/src, I have a symlink to /linux, which leads to /include, which
>has both /asm and /asm-i386. It also has a '.config' file in it. So it's
>/usr/src/linux/include with both the asm files.

>/usr/src also contains /linux-2.2.14 (no symlink, it's just there), and
>when I open /linux-2.2.14 I have:
>/usr/src/linux-2.2.14/include and again I have /asm-i386 AND another
>symlink to /asm, which takes me to all the header files.
> Sorry to be such a bother. I'll carefully read your reply again, and
>read some more on symbolic linking.

It looks like you have everything in place as it should be. From the above
I cannot really tell if /usr/src/linux is a symlink or a directory in
itself. If so, it probably contains an older version of the kernel. Or
maybe a newer version. It depends on what you did manually and what you
installed via YaST or rpm.

Try this:
head /usr/src/linux/Makefile

That should display the first lines of the Makefile and should show
the kernel version on the first 3 lines.

Then you can cd to /usr/src and mv linux linux-x.y.zz (the version you
found above).
Finally, make a symlink to the newest version (2.2.14 or the one you
just moved) using: ln -s linux-2.2.xx linux

Then you should have a reasonably standard situation.

In the directory /usr/src/linux/include the name "asm" should be a symlink
to "asm-i386" (assuming you have a PC).

Following the entire (complicated) chain of symlinks, you should be able
to do something like:

```
less /usr/include/asm/termios.h

It should come up with a file that starts with:

#ifndef _I386_TERMIOS_H
#define _I386_TERMIOS_H

#include <asm/termbits.h>
#include <asm/ioctls.h>

Similar for /usr/include/sys/termios.h:

#ifndef _SYS_TERMIOS_H
#define _SYS_TERMIOS_H
#include <termios.h>
#endif

When that is all OK, at least your symlinks are correct.

When it still doesn't compile, please post the exact error output.
(not those warnings about main, but the source that fails with an error)

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+
```

3125. Re: Waterfalls and PSK

Newsgroup: rec.radio.amateur.space
Date: 2000-11-29 00:00:00 UTC
From: Jeff Kelly <jkelly@bellatlantic.net>
Message-ID: <iz8V5.436$UH4.66915@typhoon2.ba-dsg.net>
Source record: 7565

If you haven't heard yet the new version of Nino's PSK program (v.03) talks to P3T so you get the same result as those that use the PSK modems.

Jeff Kelly

3126. Re: AO-40 70 cm antenna damage? Hi Bob

Newsgroup: rec.radio.amateur.space
Date: 2000-11-29 00:00:00 UTC
From: vlfiscus@mcn.net
Message-ID: <t2al4r2mu0qped@news.supernews.com>
Source record: 7566

Hi Bob, Long time no see. I think you were one of my first QSO's as a Ham.
In fact, I still have your QSL card around here somewhere. Glad to see you're
still hamming!
73 de KB7ADL

In article <3A24A4C3.ECA98D2A@pacifier.com>, Bob Morehouse
<nobobmorespam@pacifier.com> wrote:
>Come on now, people. You should know by now that if you want reliable
>information about amateur satellites, you need to go to: www.amsat.org
>
>Especially with all the interest in AO-40, as soon as there is
>information to distribute, they will create a bulletin and post it on
>their site. If it has to do with amateur satellites, they're obviously
>the ones who will have the "in" on what's going on.
>
>
>Bob, KB7ADO
>
>**Do not use REPLY button**
>If replying direct, send to: bobmore@pacifier.com

3127. Re: SatTrack Compilation Errors

Newsgroup: rec.radio.amateur.space
Date: 2000-11-29 00:00:00 UTC
From: Jim Jerzycke <kq6ea@amsat.org>
Message-ID: <3A250C9A.CD647047@amsat.org>
Source record: 7567

YUK YUK! I have both Predict and mtrack, but I got seduced by the pretty pictures in SatTrack. I think I also need the practice in compiling software to run. I'll go over Rob's suggestions, and give it another try (or three!).
73, Jim

3128. Re: Waterfalls and PSK

Newsgroup: rec.radio.amateur.space
Date: 2000-11-29 00:00:00 UTC
From: kg9qm@nomail.net
Message-ID: <aagV5.375$75.278000@news1.iquest.net>
Source record: 7568

He's a busy guy, isn't he. I only got .02 a couple days ago.
I'll give 'er a spin.

In article <iz8V5.436$UH4.66915@typhoon2.ba-dsg.net>, jkelly@bellatlantic.net
was of the opinion...
>
>If you haven't heard yet the new version of Nino's PSK program
>(v.03) talks to P3T so you get the same result as those that use
>the PSK modems.
>
>Jeff Kelly
>
>

3129. Re: Do not subscribe to Ameritech DSL

Newsgroup: rec.radio.amateur.space
Date: 2000-11-29 01:29:36 UTC
From: kg9qm@nomail.net
Message-ID: <4_YU5.342$75.256849@news1.iquest.net>
Source record: 7558

I get every DSL peddler in the world calling me, and they are genuinely baffled when I tell them I'm not interested, even for 3 months free with free installation and free switching back to my old ISP if I don't like the service/performance. I tell them "maybe in a couple of years after its track record gets established".

"DSL" = "Dirty Stinkin' Liars"

Ameritech is saddled with people having their POTS a month or more out of service. It's an SBC world now, and Ameritech. They have neither the skills nor the manpower to properly staff a DSL support organization. I think they are handling it like POTS, and still have not come to grips with the fact that internet service is more complex that voice service.

I vowed never to go with a cable modem, but they look better all the time.

In article <01c05982$94f0bf40$78c8a8c0@CBX-NT>, cobox@urec.net was of the opinion...
>
>A word of warning,
>
>Do not subscribe to Ameritech DSL. If you already have, your service will
>not get better, for even I held out hope.

3130. Re: Az-El rotators??

Newsgroup: rec.radio.amateur.space
Date: 2000-11-29 01:32:06 UTC
From: Steve <ai7w@NoSpam.com>
Message-ID: <3a245ca3_1@huge.aa.net>
Source record: 7557

It's possible to make an elevation rotor from some available T.V. antenna rotors. I use one called "Orbit 360", I found it at Home Depot, I think it cost about $25.00. I had to make a mounting plate and It has to be covered to keep water out. I've used it with no problem for several years. Another one
that works well is the old Alliance U100.
Look for one that allows the antenna mast to pass through the rotor.
Steve .. AI7W

jimmy john <jj@sandwitch.org> wrote in message news:4A8A59F2BDCDD311BFC800508BA36AC805B479AD@www.indianarep.com...
> I've only found one in my stack of catalogs and it was over $600. I'm
> looking for a light-duty and relatively inexpensive one for mounting my
> Arrow yagi, probably from a tripod. Portability is desirable. I suppose
I
> could lash up a couple of stepper motors and fabricate something, but the
> mechanical part of construction would be a real pain - no welding/brazing
> gear at this end.
>
> Anyone have a good recommendations?
>
> thanks in advance
>
>

3131. Re: SatTrack Compilation Errors

Newsgroup: rec.radio.amateur.space
Date: 2000-11-29 03:01:35 UTC
From: Jim Jerzycke <kq6ea@amsat.org>
Message-ID: <3A24718F.2E1F9A9F@amsat.org>
Source record: 7559

Thank you for being so patient with me. I realize you're very busy with the port of the DSP software. I have all the files you listed, but it looks like I may (?) be missing a symbolic link.

In /usr/include, I have a symlink to /asm (a lot of '.h' files) and a symlink to /linux (another group of '.h' files, and some other folders).

In /usr/src, I have a symlink to /linux, which leads to /include, which has both /asm and /asm-i386. It also has a '.config' file in it. So it's /usr/src/linux/include with both the asm files.

/usr/src also contains /linux-2.2.14 (no symlink, it's just there), and when I open /linux-2.2.14 I have:
/usr/src/linux-2.2.14/include and again I have /asm-i386 AND another symlink to /asm, which takes me to all the header files.
Sorry to be such a bother. I'll carefully read your reply again, and read some more on symbolic linking.
Tnx, es 73 Jim KQ6EA

3132. Re: SatTrack Compilation Errors

Newsgroup: rec.radio.amateur.space
Date: 2000-11-29 03:06:57 UTC
From: Jim Jerzycke <kq6ea@amsat.org>
Message-ID: <3A2472D1.A77EC69D@amsat.org>
Source record: 7560

Hi, Eamon. Yes, I'd appreciate getting a copy of your Makefile to
compare to the one I modified with help from Rob.
I'm sure it's either something subtle I'm missing, or a "Rookie" error.
I've been using Linux for almost 5 years now, and I've compiled programs
before, but I guess this one requires more care.
73, Jim KQ6EA

3133. Looking for recommendations

Newsgroup: rec.radio.amateur.space
Date: 2000-11-29 03:17:27 UTC
From: David Findlay <nedz@bigpond.com>
Message-ID: <Uu_U5.145790$e5.85780@newsfeeds.bigpond.com>
Source record: 7561
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.space

First, sorry for the cross-post, but this is relevant to both groups and saves me typing this twice.

I am looking for information and recommendations on antennas for space communications. I have read about quad-helix antennas in an old antenna book, and these seem to be exactly what I want. I don't have room for a dish. I would like to know of anyone's experiences using these. Also how are they to build?

I am mainly looking to recieve images from weather sats, and listening to manned spacecraft such as the shuttle and ISS. What size quad-helix should I go for and what bands are most useful? I am going to build on a motor driven alt-az mount that will be guided by computer software.

Any recommendations on these antennas would be appreciated.

David Findlay

3134. Re: Looking for recommendations

Newsgroup: rec.radio.amateur.space
Date: 2000-11-29 04:58:43 UTC
From: Jim Jerzycke <kq6ea@amsat.org>
Message-ID: <3A248D03.E1BC51DC@amsat.org>
Source record: 7562
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.space

Go to: www.members.aol.com/k5oe
Jerry's page has some excellent, easy to build antennas that work great.
I use 3 of them myself, 2M, 70cm, and WXsat.
Jim

3135. Re: SatTrack Compilation Errors

Newsgroup: rec.radio.amateur.space
Date: 2000-11-30 00:00:00 UTC
From: hamish@cloud.net.au
Message-ID: <LmoV5.14046$Xx3.57431@news1.eburwd1.vic.optushome.com.au>
Source record: 7573

Jim Jerzycke <kq6ea@amsat.org> wrote:
> YUK YUK! I have both Predict and mtrack, but I got seduced by the pretty
> pictures in SatTrack. I think I also need the practice in compiling
> software to run. I'll go over Rob's suggestions, and give it another try
> (or three!).

Well, the graphical display in SatTrack might look nice, but it's almost
useless. I never bother with it. Unfortunately mtrack is graphical only.

Hamish
--
Hamish Moffatt VK3SB <hamish@debian.org> <hamish@cloud.net.au>

3136. Re: Looking for recommendations

Newsgroup: rec.radio.amateur.space
Date: 2000-11-30 00:00:00 UTC
From: ed <ed@vuurwerk.nl>
Message-ID: <3A26201D.6F5CF786@vuurwerk.nl>
Source record: 7574
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.space

```
Jim Jerzycke wrote:
>
> OOOOOPS! Just a little Brain Fade!
> Try this:
> http://members.aol.com/k50e/
> NO "www"....just straight hypertext.
> Jim

try it again :)

http://members.aol.com/k5oe

And it works from Zero to ohhhhhh
```

3137. Re: Unable to decode AO-40 data

Newsgroup: rec.radio.amateur.space
Date: 2000-11-30 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn92c8hd.p31.nomail@linux.pe1chl.ampr.org>
Source record: 7575

don <kg9qm@nomail.net> wrote:
>I've been trying to make the IZ8BLY decoder work with no luck. Frankly I don't
>know what I'm doing wrong.

What always works for me:

1. don't put the mouse in the waterfall area, click on the carrier freq.

2. enter the freq you want to use. I use something like 1200.

3. tune the receiver until the waterfall pattern matches the red lines.
(easiest when the sat transmits zeroes or the sync pattern between
blocks)

Now you will see that the program locks onto the signal, when you slowly
tune the receiver the carrier frequency display will change accordingly.
When your receiver tunes in 100Hz steps, don't do more than one step
at a time and wait a few seconds for it to lock.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

3138. Re: Do not subscribe to Ameritech DSL

Newsgroup: rec.radio.amateur.space
Date: 2000-11-30 00:00:00 UTC
From: "J. Duffy Beischel" <duffyb01@fuse.net>
Message-ID: <t2ciquf3nfq50b@corp.supernews.com>
Source record: 7576

I have Cincinnati Bell Zoomtown and it has worked flawlessly since it was installed over a year ago. I can have four PCs running off the same connection at the same time and it works very well. Not refund your money? What state do you live in? Write the Public Utilities Commission and the FCC about charging you for services you did not receive. Copy your state representative. You'll get your money back. DSL works fine. You just have to get the right vendor.

don <kg9qm@nomail.net> wrote in message
news:4_YU5.342$75.256849@news1.iquest.net...
> I get every DSL peddler in the world calling me, and they are genuinely
> baffled when I tell them I'm not interested, even for 3 months free with
free
> installation and free switching back to my old ISP if I don't like the
> service/performance. I tell them "maybe in a couple of years after its
track
> record gets established".
>
> "DSL" = "Dirty Stinkin' Liars"
>
> Ameritech is saddled with people having their POTS a month or more out of
> service. It's an SBC world now, and Ameritech. They have neither the
skills
> nor the manpower to properly staff a DSL support organization. I think
they
> are handling it like POTS, and still have not come to grips with the fact
that
> internet service is more complex that voice service.
>
> I vowed never to go with a cable modem, but they look better all the time.
>
> In article <01c05982$94f0bf40$78c8a8c0@CBX-NT>, cobox@urec.net was of the
> opinion...
> >
> >A word of warning,
> >
> >Do not subscribe to Ameritech DSL. If you already have, your service will
> >not get better, for even I held out hope.
>

3139. RS-12/13 RS-15 Activity?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-30 00:00:00 UTC
From: Jeff Goodspeed <cmsx42@email.mot.com>
Message-ID: <3A268A1E.A7AD0F5E@email.mot.com>
Source record: 7577

My logging program "Logger" includes a satellite tracking function. I've downloaded the Kep elements from the AMSAT site and listened to the beacons from RS-12/13 and RS-15 on 10m. Both beacons showed up right on time, with the right azmith and were reasonably strong. But I haven't heard any activity from any HAM QSO's.

Do these "Easy Sats" get used? Is it worth my bother trying to transmit to them? I only operate CW. Do any Sat users work CW?

Jeff - KA9S

3140. P3D telemetery this afternoon? Can't find it.

Newsgroup: rec.radio.amateur.space
Date: 2000-11-30 00:00:00 UTC
From: "F. Feeney" <fkf1@cornell.edu>
Message-ID: <906en2$8ib$1@news01.cit.cornell.edu>
Source record: 7578

Hi,

Just happened to have to stop by home and thought I'd take advantage of being there while P3D was up to check out the new PSK telemetery decoder software I had downloaded. So I fired up the tracking program, pointed the antennas, turned on the rig and .... nothing. Last time I tried the same setup, I could hear it with 20 db of attentuation on S3, now with preamps and all, no signal. I even copied it on my FM mobile over the weekend just to see how strong it was.

I believe my equipment is functioning ok, checked a couple of distant repeaters to see if the antenna was still really up there. Can anyone else confirm for me that they are hearing the 2 meter beacon this afternoon at 3:30 EST or thereabouts? Did they switch to another freq? (I tried 145.8-146.0) or another band?

Help! :-)

Kevin, WB2EMS

3141. Re: RS-12/13 RS-15 Activity?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-30 00:00:00 UTC
From: Pat Cox <peacox@gloryroad.net>
Message-ID: <3A26C36F.191D856F@gloryroad.net>
Source record: 7579

RS-13 is in mode T at the present time. I am hearing the beacons and some cw but have not heard any ssb in several days. As I recall the same thing happened for about ten days or so after Thanskgiving last year. I hope they we restore the bird to its usual activity soon. K4AVO

Jeff Goodspeed wrote:

> My logging program "Logger" includes a satellite tracking function. I've
> downloaded the Kep elements from the AMSAT site and listened to the
> beacons from RS-12/13 and RS-15 on 10m. Both beacons showed up right on
> time, with the right azmith and were reasonably strong. But I haven't
> heard any activity from any HAM QSO's.
>
> Do these "Easy Sats" get used? Is it worth my bother trying to transmit
> to them? I only operate CW. Do any Sat users work CW?
>
> Jeff - KA9S

3142. Re: Source of 2.4 ghz feedhorns?

Newsgroup: rec.radio.amateur.space
Date: 2000-11-30 00:00:00 UTC
From: N1RZ <n1rz@timhavens.com>
Message-ID: <zVzV5.3925$d%2.27690@e420r-sjo2.usenetserver.com>
Source record: 7580

You might also check with www.ssbusa.com

I spoke to the them about a month ago and they informed me that they would have available soon (after the launch of P3D, but they already had them in stock at the time...just not ready for sale) [remember this conversation was a month ago ;-)] "a professional grade 2.4~2.5Ghz Dish and Feed combo for around $400.00 Complete with radome and a Transition to type "N" (f) conn." He was telling me that these were very small, and extremely light weight dishes....I think he said something like 2-4 lbs. I can't remember the size of the dish but I don't think it was much larger than the one you're talking about....

Perhaps the feed they are using is something that you can use.

Tim

"Jeff Kelly" <jkelly@bellatlantic.net> wrote in message
news:2mbT5.8327$TE3.437232@typhoon2.ba-dsg.net...
> Does anyone know where I can purchase
> a 2.4 ghz feedhorn for my 3 ft. dish?
>
> Thanks,
>
> Jeff Kelly
> KT2K
>
>
>
>

3143. Re: AO40 Orbit

Newsgroup: rec.radio.amateur.space
Date: 2000-11-30 00:00:00 UTC
From: Franko <hb9oab>
Message-ID: <906ho0$mr9$1@bw107zhb.bluewin.ch>
Source record: 7581

IT 1.x as a BUG on KEPLER forms.

Try the AMSAT file and change the 00 to 100 on epoch time.

Any patch for amsat file exist on amsat-F site.

"Robert Meyer" <bobrf@fuse.net> ha scritto nel messaggio
news:3A2194D8.8C8D99C6@fuse.net...
> Hi;
> A few of us in sw ohio have conflicting positions of ao40.We are
> using IT ,I have it now at 22:52z over the south atlantic nr equator.
> Can someone confirm
>
> Thanks Bob W8DQ 11/26/00

3144. [?] Tracker Keplers source on VB5/6

Newsgroup: rec.radio.amateur.space
Date: 2000-11-30 00:00:00 UTC
From: Franko <hb9oab>
Message-ID: <906i91$n24$1@bw107zhb.bluewin.ch>
Source record: 7582

I am search any simple source code for AZ El and PH with VB6 or VB5 for to
sat keplers.

Please if you konwn any source forms for VB6 or VB5 tnx for to send me info.

bye
hb9oab@amsat.org

3145. Re: Do not subscribe to Ameritech DSL

Newsgroup: rec.radio.amateur.space
Date: 2000-11-30 00:00:00 UTC
From: Christopher Cox <cobox@urec.net>
Message-ID: <01c05b1a$e9503900$78c8a8c0@CBX-NT>
Source record: 7583

Just north of you in Columbus Ohio.

3146. Re: AO40 Orbit

Newsgroup: rec.radio.amateur.space
Date: 2000-11-30 00:00:00 UTC
From: Eamon Skelton <Xnospam@oceanfree.net>
Message-ID: <gg8609.d4t.ln@localhost.localdomain>
Source record: 7584

In article <3A2194D8.8C8D99C6@fuse.net>, "Robert Meyer" <bobrf@fuse.net>
wrote:

> Hi;
> A few of us in sw ohio have conflicting positions of ao40.We are
> using IT ,I have it now at 22:52z over the south atlantic nr equator.
> Can someone confirm
>
> Thanks Bob W8DQ 11/26/00

Go to:
http://liftoff.msfc.nasa.gov/realtime/JTrack/Spacecraft.html

and click on 'Amateur'.

73, Ed. EI9GQ.
--
Remove 'X' to reply by e-mail.

http://www.qsl.net/ei9gq
Linux 2.4.0-test11

3147. Re: P3D telemetry this afternoon? Can't find it.

Newsgroup: rec.radio.amateur.space
Date: 2000-11-30 00:00:00 UTC
From: g0lfp@nospam.hotmail.com
Message-ID: <memo.20001130225403.59499B@g0lfp.codot.co.uk>
Source record: 7585

In article <906en2$8ib$1@news01.cit.cornell.edu>, fkf1@cornell.edu (F. Feeney) wrote:
No, I couldn't hear it either at 17:00z 'twas working okay yesterday...

> Hi,
>
> Just happened to have to stop by home and thought I'd take advantage of
> being there while P3D was up to check out the new PSK telemetery decoder
> software I had downloaded. So I fired up the tracking program, pointed
> the antennas, turned on the rig and .... nothing. Last time I tried the
> same setup, I could hear it with 20 db of attentuation on S3, now with
> preamps and all, no signal. I even copied it on my FM mobile over the
> weekend just to see how strong it was.
>
> I believe my equipment is functioning ok, checked a couple of distant
> repeaters to see if the antenna was still really up there. Can anyone
> else confirm for me that they are hearing the 2 meter beacon this
> afternoon at 3:30 EST or thereabouts? Did they switch to another freq?
> (I
> tried 145.8-146.0) or another band?
>
> Help! :-)
>
> Kevin, WB2EMS
>

regards - Steve
ICQ 8554470

3148. Re: P3D telemetery this afternoon? Can't find it.

Newsgroup: rec.radio.amateur.space
Date: 2000-11-30 00:00:00 UTC
From: "F. Feeney" <fkf1@cornell.edu>
Message-ID: <906n0jboi1@news01.cit.cornell.edu>
Source record: 7586

In article <memo.20001130225403.59499B@g0lfp.codot.co.uk> Steve,
g0lfp@nospam.hotmail.com writes:
>No, I couldn't hear it either at 17:00z 'twas working okay yesterday...
>

Well, that makes me feel a bit better that my rig or my mind hasn't gone,
but I'd be happier if it were there. Does it get turned off from time to
time? Change of freqs? Maybe they moved it to 2400? Do they turn it off
during orbital manuvers like firing the arc-jet?

Kevin

3149. Re: AO-40 70 cm antenna damage? Hi Vince

Newsgroup: rec.radio.amateur.space
Date: 2000-11-30 00:00:00 UTC
From: Bob Morehouse <nobobmorespam@pacifier.com>
Message-ID: <3A2722D5.5FF0D53D@pacifier.com>
Source record: 7587

Yep, it was the ARRL Novice Roundup 1987, I suspect we were both one of each other's early contacts, since our licenses were probably issued the same day. Yes, still "hamming", I've got too much time and money into this stuff to quit now.

Bob, KB7ADO

Do not use REPLY button
If replying direct, send to: bobmore@pacifier.com

3150. Re: Looking for recommendations

Newsgroup: rec.radio.amateur.space
Date: 2000-11-30 01:59:36 UTC
From: David Findlay <nedz@bigpond.com>
Message-ID: <MriV5.146563$e5.87772@newsfeeds.bigpond.com>
Source record: 7569
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.space

That link is dead.

David

"Jim Jerzycke" <kq6ea@amsat.org> wrote in message
news:3A248D03.E1BC51DC@amsat.org...
> Go to: www.members.aol.com/k5oe
> Jerry's page has some excellent, easy to build antennas that work great.
> I use 3 of them myself, 2M, 70cm, and WXsat.
> Jim
>
>

3151. Unable to decode AO-40 data

Newsgroup: rec.radio.amateur.space
Date: 2000-11-30 02:19:47 UTC
From: kg9qm@nomail.net
Message-ID: <7PiV5.384$75.281563@news1.iquest.net>
Source record: 7570

I've been trying to make the IZ8BLY decoder work with no luck. Frankly I don't know what I'm doing wrong.

I'm using the "default" settings on the P3D decoder, which has these values.

Center frequency = 1600
Clock Sync IIR Size = 256
Clock sync attack factor = 32
AFC attack factor = 0.025

I'm playing back the audio file recorded by N1RZ that's on timhavens.com

My "phase scope" spins madly about - should it tend towards just two directions (as in logical "0" or "1")?

The "Center frequency" bounces around 800 or so (instead of the value given in the configuration).

There are two horizontal marks that track with my mouse, but seem to do nothing. What are these?

I'd fire email off to IZ8BLY, but reportedly he is too busy right now to deal with emails.

Not knowing what things SHOULD look like hampers my attempts to figure out whats wrong.

If you have gotten it to work, please try to explain how you did it.

thanks,

don

3152. Re: Looking for recommendations

Newsgroup: rec.radio.amateur.space
Date: 2000-11-30 05:34:38 UTC
From: Jim Jerzycke <kq6ea@amsat.org>
Message-ID: <3A25E6EE.AA59C193@amsat.org>
Source record: 7571
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.space

OOOOOPS! Just a little Brain Fade!
Try this:
http://members.aol.com/k50e/
NO "www"....just straight hypertext.
Jim

3153. Re: AO40 Orbit

Newsgroup: rec.radio.amateur.space
Date: 2000-11-30 11:09:20 UTC
From: Elisa Meara <wmeara@clix.pt>
Message-ID: <3A26355F.7A14@clix.pt>
Source record: 7572

Robert Meyer wrote:
>
> Hi;
> A few of us in sw ohio have conflicting positions of ao40.We are
> using IT ,I have it now at 22:52z over the south atlantic nr equator.
> Can someone confirm
>
> Thanks Bob W8DQ 11/26/00

I've been checking my software by looking at the "Heavens Above" Web
site:

http://www.heavens-above.com

I just look for A0-40, plug nin my coordintes and the site gives back
some very useful graphics on sat position. Very reassuring.
73 Bill CU2JL N2CQR

3154. Re: Unable to decode AO-40 data

Newsgroup: rec.radio.amateur.space
Date: 2000-12-01 00:00:00 UTC
From: jimmy john <jj@sandwitch.org>
Message-ID: <4A8A59F2BDCDD311BFC800508BA36AC805C35C27@www.indianarep.com>
Source record: 7499

The recording is from last weekend. I guess I need to try again with live data, now that I have a real-time decoder. I just can't get home soon enough before it moves out of range during the week.

Rob Janssen <nomail@rob.knoware.nl> wrote in message news:slrn92ertj.p31.nomail@linux.pe1chl.ampr.org...
> When did you record it? Just before you tested and posted that message?
> I noticed after replying to you and listening myself, that the sat was
> in ranging mode at that time and there was a message that IHU-2 was being
> uploaded (by G3RUH). At that time nothing was being decoded.

3155. Re: P3D telemetery this afternoon? Can't find it.

Newsgroup: rec.radio.amateur.space
Date: 2000-12-01 00:00:00 UTC
From: dreinhart@iris.com
Message-ID: <908ruf$6jo$1@localhost.localdomain>
Source record: 7500

The beacon does not run continuously. I strongly suspect that when the command team is testing other parts of the matrix (such as the S band transmitters) they turn of the V beacon. Without the solar panels deployed the satellites power budget is pretty tight.

3156. VHF telemetery was off

Newsgroup: rec.radio.amateur.space
Date: 2000-12-01 00:00:00 UTC
From: "F. Feeney" <fkf1@cornell.edu>
Message-ID: <9093iacuf1@news01.cit.cornell.edu>
Source record: 7501

In article <908ruf$6jo$1@localhost.localdomain> , dreinhart@iris.com
writes:
In article <908ruf$6jo$1@localhost.localdomain> , dreinhart@iris.com
writes:
>The beacon does not run continuously. I strongly suspect that when the
>command team is testing other parts of the matrix (such as the S band
>transmitters) they turn of the V beacon. Without the solar panels
>deployed the satellites power budget is pretty tight.

I wasn't aware that it wasn't on continuously. Some helpful folks
contacted me via email and told me that for part of the orbits, they are
switching to the S band for testing and the VHF beacon is off during this
time. I thought it was on all the time - I didn't realize the power
budget was that tight. I know the big solar panels aren't rigged out till
the final orbit is achieved, but when they are there's a lot of power
available - I thought that unfurled there would still be enough to run a
couple of beacons and maybe a transponder like they've hinted at. Every
time I had listened for the satellite in the past the beacon had always
been there, loud and strong. So it was a shock to find it missing. :-)

Thanks for the help folks. Anyone know what phase in the orbit they do
the S band testing on?

Also, one fellow clued me into subscribing to the AMSAT-BB mailing list
to get the most current info. Thanks again

Kevin, WB2EMS.

3157. Re: Feedline weather proofing

Newsgroup: rec.radio.amateur.space
Date: 2000-12-01 00:00:00 UTC
From: KA9CAR <nospam@nospam.usa>
Message-ID: <9094kn$988$1@news.tribune.com>
Source record: 7502

I have just tried a product I found at the Hardware store, "liquid electrical tape". Smells and looks like plastic pipe solvent, but it is black and the label has only some ingredients in common with the plastic pipe solvent I had. I coated some coax / antenna joints with it. Did not disolve the coax (solid) core or jacket. I was able to soak it into the exposed braid. I think I got a pretty good seal. It was better than rubbing silicone caulk into the connections.

KA9CAR

Peter <peter.miles@usa.net> wrote in message news:d6MV5.17$fV4.449660@news.interact.net.au...
> Any suggestions regarding a product for weather proofing coax cable crutch
> eg. heat shrink tap or similar.
>
> VK3YSF
> --
> ----------
>
> Peter Miles
>
> Victoria, Australia
>
> Email-: peter.miles@usa.net
>
> ----------
>
> **** Please e-mail as I may not see posting. Thank you. ****
>
>

3158. Re: VHF telemetery was off

Newsgroup: rec.radio.amateur.space
Date: 2000-12-01 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn92g8li.28n.nomail@linux.pe1chl.ampr.org>
Source record: 7503

F. Feeney <fkf1@cornell.edu> wrote:
>I wasn't aware that it wasn't on continuously. Some helpful folks
>contacted me via email and told me that for part of the orbits, they are
>switching to the S band for testing and the VHF beacon is off during this
>time. I thought it was on all the time - I didn't realize the power
>budget was that tight.

Maybe the folks were trying to be helpful but they really weren't...
The VHF beacon *is* on all the time, also when the SHF beacon is on!

>Thanks for the help folks. Anyone know what phase in the orbit they do
>the S band testing on?

Phase 15-26.

Rob
--
+---------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+---------------------------------+--------------------------------------+

3159. Re: P3D telemetery this afternoon? Can't find it.

Newsgroup: rec.radio.amateur.space
Date: 2000-12-01 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn92g8m6.28n.nomail@linux.pe1chl.ampr.org>
Source record: 7504

dreinhart@iris.com <dreinhart@iris.com> wrote:
>The beacon does not run continuously. I strongly suspect that when the
>command team is testing other parts of the matrix (such as the S band
>transmitters) they turn of the V beacon. Without the solar panels
>deployed the satellites power budget is pretty tight.

This is not true.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

3160. Re: SatTrack Compilation Errors

Newsgroup: rec.radio.amateur.space
Date: 2000-12-01 00:00:00 UTC
From: hamish@cloud.net.au
Message-ID: <ooJV5.14257$Xx3.58730@news1.eburwd1.vic.optushome.com.au>
Source record: 7594

Jim Jerzycke <kq6ea@amsat.org> wrote:
> Almost useless????? Hmmmm....How? mtrack is nice, but kind of a pain to
> input data into, or at least I haven't used it enough to be comfortable
> with.

I usually just want to know the time of a pass and the maximum elevation,
and maybe the azimuth at LOS and AOS.. the only additional information
from the graphical display is the footprint.

Hamish
--
Hamish Moffatt VK3SB <hamish@debian.org> <hamish@cloud.net.au>

3161. Nice ISS visual contact

Newsgroup: rec.radio.amateur.space
Date: 2000-12-01 00:00:00 UTC
From: Elisa Meara <wmeara@clix.pt>
Message-ID: <3A2799E7.1E9F@clix.pt>
Source record: 7595

I haven't worked them on 2 meters yet, but early this morning I noticed
that ISS would be passing over my location shortly before dawn. At the
appropriate moment I stepped outside and looked up. There she was, very
gracefully sailing through the constellation Corvus. Just to confirm
that I was looking at the right spacecraft, I ran a batch output from my
tracking program and, indeed, ISS went right through Corvus at the time
I was looking.
Check out the satellite section of my Web Site:
http://www.erols.com/wmeara
Let me know what you think!
73 from the Azores
Bill CU2JL N2CQR

3162. Re: Unable to decode AO-40 data

Newsgroup: rec.radio.amateur.space
Date: 2000-12-01 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn92ertj.p31.nomail@linux.pe1chl.ampr.org>
Source record: 7596

don <kg9qm@nomail.net> wrote:
>Well, still no luck. Maybe the recording I'm using is at fault. If I could
>get home from work earlier, I'd try to decode the live data. This "job" thing
>always gets in the way of the important stuff!

When did you record it? Just before you tested and posted that message?
I noticed after replying to you and listening myself, that the sat was
in ranging mode at that time and there was a message that IHU-2 was being
uploaded (by G3RUH). At that time nothing was being decoded.

You can recognize this state because there is only a very continuous
"tonal" sound with very short "rasps" in it. What you should normally
hear is a steady sound of about 4 seconds followed by about 10 seconds
of "raspy" sound. The tone of that 10 second interval heavily depends
on the actual data being sent. Sometimes there are long runs of 00 or
space bytes, which sound quite tonal as well.

You can easily recognize these states in the waterfall: zeroes is seen
as two lines that should align with the red lines, the 4 second sync
interval is seen as two groups of about 4 lines grouped around the red
lines. When you see only two lines over very long periods of time, the
is no telemetry being sent.

>How should the "Phase" indicator behave - lock in on a couple of positions and
>switch back and forth? Mine just flickers all over the place. Is there some
>useful pattern to look for here, that indicates a good "lock" on the signal?

The phase indicator was very flickering in the first two versions and
seems a bit more steady in the 0.3 version. It should flip back and forth
between 12 o'clock and 6 o'clock, but in practice it will also jump to
other places. I feel the waterfall is more useful as an indicator than
the phase display.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

3163. Re: SatTrack Compilation Errors

Newsgroup: rec.radio.amateur.space
Date: 2000-12-01 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn92esjv.p31.nomail@linux.pe1chl.ampr.org>
Source record: 7597

Hamish Moffatt VK3SB <hamish@cloud.net.au> wrote:
>Jim Jerzycke <kq6ea@amsat.org> wrote:
>> Almost useless????? Hmmmm....How? mtrack is nice, but kind of a pain to
>> input data into, or at least I haven't used it enough to be comfortable
>> with.

>I usually just want to know the time of a pass and the maximum elevation,
>and maybe the azimuth at LOS and AOS.. the only additional information
>from the graphical display is the footprint.

THe graphical info may not be required all the time, but it certainly is
useful with new satellites, especially in elliptical orbits, to get some
idea about the orbit, and indeed the footprint.

When I started using satellites, we were all using the W3IWI Basic Orbits
program. This essentially printed the same lists that today's programs
print in "prediction" mode. It would surely have been easier when there
were some graphical helps at that time.
(but the computers I used had only very limited graphical capability)

I also like the antennatracking and dopplertracking features in SatTrack,
supporting multiple transponder and beacon frequencies. I used that to
run a fully automatic kitsat/uosat station for some time.
It even switched coaxial relays (antenna selection) and put the antennas
back in a default position and transceivers back on terrestrial packet
frequencies after each pass...

Of course you could program something yourself using the socket feature
of predict, but it would be another program to put somewhere on the screen.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

3164. Feedline weather proofing

Newsgroup: rec.radio.amateur.space
Date: 2000-12-01 00:00:00 UTC
From: Peter <peter.miles@usa.net>
Message-ID: <d6MV5.17$fV4.449660@news.interact.net.au>
Source record: 7598

Any suggestions regarding a product for weather proofing coax cable crutch
eg. heat shrink tap or similar.

VK3YSF
--

Peter Miles

Victoria, Australia

Email-: peter.miles@usa.net

**** Please e-mail as I may not see posting. Thank you. ****

3165. Re: Unable to decode AO-40 data

Newsgroup: rec.radio.amateur.space
Date: 2000-12-01 01:15:28 UTC
From: kg9qm@nomail.net
Message-ID: <QYCV5.431$75.303569@news1.iquest.net>
Source record: 7588

Well, still no luck. Maybe the recording I'm using is at fault. If I could get home from work earlier, I'd try to decode the live data. This "job" thing always gets in the way of the important stuff!

How should the "Phase" indicator behave - lock in on a couple of positions and switch back and forth? Mine just flickers all over the place. Is there some useful pattern to look for here, that indicates a good "lock" on the signal?

thanks again

don

3166. Re: SatTrack Compilation Errors

Newsgroup: rec.radio.amateur.space
Date: 2000-12-01 01:36:02 UTC
From: Jim Jerzycke <kq6ea@amsat.org>
Message-ID: <3A270082.6E19E2B6@amsat.org>
Source record: 7589

Almost useless????? Hmmmm....How? mtrack is nice, but kind of a pain to input data into, or at least I haven't used it enough to be comfortable with.
Maybe I'll just stick with Predict.
Thanks, Jim

3167. Re: 9600 baud Pacsat HT or mobiles?

Newsgroup: rec.radio.amateur.space
Date: 2000-12-01 03:56:31 UTC
From: aztech2000@my-deja.com
Message-ID: <9077hdbkd1@nnrp1.deja.com>
Source record: 7591
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.space

I am giving you an entirely biased answer...

TMD700A is the radio I mean THE RADIO you should buy. I spent big bucks
for one and liked it so much I went out and bought a used one on ebay
and saved $150 plus tax. It doesn much much more that it advertises.

check out this site and look for the complaints. OKAY some intermod but
what wideband radio doesn't have intermod problems?

Scott
KF4NDQ

Ken Harris <KHarri4@attglobal.net> wrote:
>
> Are there any mobiles (or HTs) that can do 9600 baud pacsat?
> I noticed the Kenwood TM-D700A says, "Satellite packet ready",
> but it looks a bit bulky and expensive.
> Seems to me that they need at least 3 things:
>
> 1. 9600 baud
> 2. 2m/70cm full duplex (separate antenna connectors would be nice)
> 3. fairly fine frequency control to compensate for doppler
>
> I noticed that the Alinco DJ-G5TH (HT) says, "full duplex".
> I suppose this is designed for the AO27.
>
> The Yausu FT90R says, "9600 baud". It looks real small
> and is not too expensive.
>

Sent via Deja.com http://www.deja.com/
Before you buy.

3168. Re: 9600 baud Pacsat HT or mobiles?

Newsgroup: rec.radio.amateur.space
Date: 2000-12-01 03:59:17 UTC
From: aztech2000@my-deja.com
Message-ID: <9077mjblj1@nnrp1.deja.com>
Source record: 7590
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.space

I am giving you an entirely biased answer...

TMD700A is the radio I mean THE RADIO you should buy. I spent big bucks
for one and liked it so much I went out and bought a used one on ebay
and saved $150 plus tax. It doesn much much more that it advertises.

check out this site and look for the complaints. OKAY some intermod but
what wideband radio doesn't have intermod problems?

http://www.egroups.com/group/TMD700A

Scott
KF4NDQ

Ken Harris <KHarri4@attglobal.net> wrote:
>
> Are there any mobiles (or HTs) that can do 9600 baud pacsat?
> I noticed the Kenwood TM-D700A says, "Satellite packet ready",
> but it looks a bit bulky and expensive.
> Seems to me that they need at least 3 things:
>
> 1. 9600 baud
> 2. 2m/70cm full duplex (separate antenna connectors would be nice)
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>
> I noticed that the Alinco DJ-G5TH (HT) says, "full duplex".
> I suppose this is designed for the AO27.
>
> The Yausu FT90R says, "9600 baud". It looks real small
> and is not too expensive.
>

Sent via Deja.com http://www.deja.com/
Before you buy.

3169. Re: 9600 baud Pacsat HT or mobiles?

Newsgroup: rec.radio.amateur.space
Date: 2000-12-01 04:00:58 UTC
From: aztech2000@my-deja.com
Message-ID: <9077pnbno1@nnrp1.deja.com>
Source record: 7592
Cross-posted to: rec.radio.amateur.digital.misc,rec.radio.amateur.space

http://www.egroups.com/group/TMD700A

In article <3A103349.CF601EF7@attglobal.net>,
Ken Harris <KHarri4@attglobal.net> wrote:
>
> Are there any mobiles (or HTs) that can do 9600 baud pacsat?
> I noticed the Kenwood TM-D700A says, "Satellite packet ready",
> but it looks a bit bulky and expensive.
> Seems to me that they need at least 3 things:
>
> 1. 9600 baud
> 2. 2m/70cm full duplex (separate antenna connectors would be nice)
> 3. fairly fine frequency control to compensate for doppler
>
> I noticed that the Alinco DJ-G5TH (HT) says, "full duplex".
> I suppose this is designed for the AO27.
>
> The Yausu FT90R says, "9600 baud". It looks real small
> and is not too expensive.
>

Sent via Deja.com http://www.deja.com/
Before you buy.

3170. Re: AO-40 70 cm antenna damage? Hi Vince

Newsgroup: rec.radio.amateur.space
Date: 2000-12-01 06:12:54 UTC
From: vlfiscus@mcn.net
Message-ID: <t2egd46er74oaa@news.supernews.com>
Source record: 7593

Glad to hear it and nice to chat with you again. Maybe catch you on the bands again.

73's kb7adl

In article <3A2722D5.5FF0D53D@pacifier.com>, Bob Morehouse <nobobmorespam@pacifier.com> wrote:
>Yep, it was the ARRL Novice Roundup 1987, I suspect we were both one of
>each other's early contacts, since our licenses were probably issued the
>same day. Yes, still "hamming", I've got too much time and money into
>this stuff to quit now.
>
>Bob, KB7ADO
>
>**Do not use REPLY button**
>If replying direct, send to: bobmore@pacifier.com

3171. Re: Waterfalls and PSK

Newsgroup: rec.radio.amateur.space
Date: 2000-12-02 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn92hdt1.a81.nomail@linux.pe1chl.ampr.org>
Source record: 7507

Bob Partridge <2835190228@home.com> wrote:
>Don,
>Suggest you do a search for DigiPan and download it. Point and click
>operation!
>Bob, VE3SRD

>don wrote:
>>
>> I have all of about 30 minutes experience with PSK31.
>>
>> I've downloaded the IZ8BLY decoder and some audio files (hey, AO-40 isn't
>> visible from here right now).

Is DigiPan decoding AO-40, then?

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

3172. BASIC Vb6 Track source

Newsgroup: rec.radio.amateur.space
Date: 2000-12-02 00:00:00 UTC
From: Franko <hb9oab>
Message-ID: <90ahmo$ng6$1@bw107zhb.bluewin.ch>
Source record: 7508

I search any simple source code for AZ El and PH with VB6 or VB5 for sat keplers.

Please if you konwn any source forms for VB6 or VB5 tnx for to send me info.

bye
hb9oab@amsat.org

3173. PSK31 and AO40

Newsgroup: rec.radio.amateur.space
Date: 2000-12-02 00:00:00 UTC
From: sbcmusic@aol.com
Message-ID: <20001202062132.19715.00000880@nso-fs.aol.com>
Source record: 7509

Hi, all.......

OK, I understand the VHF telementry from AO40 is using PSK31, right? A couple of questions.......

This is the same as HF psk31?
Do I open the squelch all the way on my receiver, or will it break the squelch and decode it?
What VHF frequency?

Thanks much for any help,
Rick N9GSU

3174. Re: PSK31 and AO40

Newsgroup: rec.radio.amateur.space
Date: 2000-12-02 00:00:00 UTC
From: "Alan P. Biddle" <APBIDDLE@ATEEANDTEA.NOT>
Message-ID: <cpph2t80cpu9r2cgiofa2tu8qs8uthbff6@4ax.com>
Source record: 7510

Rick,

No, AO-40 is using 400 baud PSK. There are a few hardware decoders around, as well as some sound card units. I have a hardware decoder, but you can look at http://www.ccr.jussieu.fr/physio/amsat-france/eindex1.htm which has both a DOS and a Windows version of a sound card unit. Also try http://iz8bly.sysonline.it/P3D/index.htm for another version. Be aware that these are early version, so the docs and in some cases implementation may not be complete. Have fun!

--
Alan
WA4SCA

For E-mail reply, please reply to:
Napbiddle@att.net, removing the "N"
from the front, since the other address
is reserved for spam only.

3175. When will the new Kenwood 2000 be out?

Newsgroup: rec.radio.amateur.space
Date: 2000-12-02 00:00:00 UTC
From: Jeff Kelly <jkelly@bellatlantic.net>
Message-ID: <yb6W5.200$Gb.13637@typhoon1.ba-dsg.net>
Source record: 7511

When will the new Kenwood 2000 be out?

Jeff Kelly
KT2K

3176. Re: Waterfalls and PSK

Newsgroup: rec.radio.amateur.space
Date: 2000-12-02 00:00:00 UTC
From: Ralph Mowery <rmowery@dialpoint.net>
Message-ID: <3A290368.EE232AA0@dialpoint.net>
Source record: 7512

Digipan is good for psk31 but AO-40 does not use that mode. While it
does use a form of PSK, the PSK31 is not the correct one.

Look here for some more info on the AO-40 mode.

http://www.ccr.jussieu.fr/physio/amsat-france/eindex1.htm

Bob Partridge wrote:
>
> Don,
> Suggest you do a search for DigiPan and download it. Point and click
> operation!
> Bob, VE3SRD
>
> don wrote:
> >
> > I have all of about 30 minutes experience with PSK31.
> >
> > I've downloaded the IZ8BLY decoder and some audio files (hey, AO-40 isn't
> > visible from here right now).
> >
> > Uhmmm, what's the goal here? I now see what a "waterfall" looks like, and I
> > see a horizontal trace that appears to deflect in step with the audio.
> >
> > This particular decoder shows two vertical lines over the waterfall that I have
> > no (apparent) direct control over. It appears to float over some center
> > frequency that shifts up or down, and has a fixed spacing between them.
> >

3177. Re: PSK31 and AO40

Newsgroup: rec.radio.amateur.space
Date: 2000-12-02 00:00:00 UTC
From: Ralph Mowery <rmowery@dialpoint.net>
Message-ID: <3A29047A.8C7EA1B1@dialpoint.net>
Source record: 7513

AO-40 does NOT use PSK31 .. It uses a form OF PSK that is entirely
differant.

Look here for some info.

http://www.ccr.jussieu.fr/physio/amsat-france/eindex1.htm

You can get a sound card program from www.amsat.org and their downlod
files. Look under AO-40 instead of the download files section.

You need to use the ssb mode on the recever and will have to do some
tuning to get it correctly tuned in. I would unsquelch the receiver to
do this.

SBCmusic wrote:
>
> Hi, all.......
>
> OK, I understand the VHF telementry from AO40 is using PSK31, right? A couple
> of questions.......
>
> This is the same as HF psk31?
> Do I open the squelch all the way on my receiver, or will it break the squelch
> and decode it?
> What VHF frequency?
>
>

3178. Re: PSK31 and AO40

Newsgroup: rec.radio.amateur.space
Date: 2000-12-02 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn92hta7.a81.nomail@linux.pe1chl.ampr.org>
Source record: 7514

SBCmusic <sbcmusic@aol.com> wrote:
>Hi, all.......

>OK, I understand the VHF telementry from AO40 is using PSK31, right?

Wrong. It is PSK. If you would compare it to PSK31 it would be PSK400.

> A couple
>of questions.......

>This is the same as HF psk31?

No.

>Do I open the squelch all the way on my receiver, or will it break the squelch
>and decode it?

When your squelch works on SSB, it will open.

>What VHF frequency?

145.898 MHz, USB, tune +/- 3 KHz for doppler.

Rob
--
+---------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+---------------------------------+--------------------------------------+

3179. Re: BASIC Vb6 Track source

Newsgroup: rec.radio.amateur.space
Date: 2000-12-02 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn92htcf.a81.nomail@linux.pe1chl.ampr.org>
Source record: 7515

Franko <hb9oab[NOSPAM]@amsat.org> wrote:
>I search any simple source code for AZ El and PH with VB6 or VB5 for sat
>keplers.

Please don't ask the same question over and over within short time
interval.

No response = apparently nobody has it or knows where to find it.

(many tracking programs in C can be found)

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

3180. Re: PSK31 and AO40

Newsgroup: rec.radio.amateur.space
Date: 2000-12-02 00:00:00 UTC
From: sbcmusic@aol.com
Message-ID: <20001202111309.08959.00000251@nso-ml.aol.com>
Source record: 7516

In article <slrn92hta7.a81.nomail@linux.pe1chl.ampr.org>, nomail@rob.knoware.nl (Rob Janssen) writes:

>145.898 MHz, USB, tune +/- 3 KHz for doppler.
>
>Rob

Ahhhhhh, that might be my problem......I thought the 2 meter signal was in FM. Thanks for straightening me out!!!

73,
Rick N9GSU

3181. Help with Satellite tracking and Phase.

Newsgroup: rec.radio.amateur.space
Date: 2000-12-02 00:00:00 UTC
From: "3.14159265358979323846264338327 95" <rfspace@yahoo.com>
Message-ID: <LP9W5.47400$L26.14368040@typhoon.southeast.rr.com>
Source record: 7517

Hi Guys,

I am writting some software to track AO-40 using the SGP4 algorithms from Spacetrack report #3. I need to calculate the phase from the mean anomally at time tsince. What is the best place in the SGP4 routine to get the MA from. I guess what I need is the variable that stores the MA. Thanks for all the help,

Pieter
N4IP

3182. Re: When will the new Kenwood 2000 be out?

Newsgroup: rec.radio.amateur.space
Date: 2000-12-02 00:00:00 UTC
From: Drew <Drew@metuk.net>
Message-ID: <DIfW5.6486$R77.610833@nnrp4.clara.net>
Source record: 7518

"Jeff Kelly" <jkelly@bellatlantic.net> wrote in message
news:yb6W5.200$Gb.13637@typhoon1.ba-dsg.net...
> When will the new Kenwood 2000 be out?

First shipments to the UK are in January 2001. I thought you would have seen
it by now in the US!

Looks a promising bit of kit.

Regards

Drew
GM0BRJ

3183. Re: When will the new Kenwood 2000 be out?

Newsgroup: rec.radio.amateur.space
Date: 2000-12-02 00:00:00 UTC
From: user
Message-ID: <094j2t04kn4l8kgehtmitbdr4l1d191h2k@4ax.com>
Source record: 7519

>
>First shipments to the UK are in January 2001. I thought you would have seen
>it by now in the US!
>
>Looks a promising bit of kit.
>
I thought so also until I read that the secondary receiver is AM or FM
only. Apparently will not monitor a ssb/cw downlink while you transmit
ssb/cw on the uplink. Hope this proves to NOT be correct, but.....

--
Eddie Seymour,WB4MLE
Delete the capital letters:
wb4mleAT@mindspringDOT.com

3184. Re: Help with Satellite tracking and Phase.

Newsgroup: rec.radio.amateur.space
Date: 2000-12-02 00:00:00 UTC
From: Tim <tthomps@nospam.erols.com>
Message-ID: <90ccgg$3pi$1@bob.news.rcn.net>
Source record: 7520

3.14159265358979323846264338327795 wrote in message ...
>Hi Guys,
>
>I am writting some software to track AO-40 using the SGP4 algorithms from
>Spacetrack report #3. I need to calculate the phase from the mean anomally
>at time tsince. What is the best place in the SGP4 routine to get the MA
>from. I guess what I need is the variable that stores the MA. Thanks for
all
>the help,
>
>
>Pieter
>N4IP
>
>

Pieter,

I just spent a little time looking at the Project Spacetrack report and at the Fortran code that I use for predictions. I think the easiest thing to do is to compute the osculating Cartesian elements using the SGP4 model and then compute the mean anomaly from these elements. That way you'll know that you have the value you need, and you won't be depending on a variable that may not be the actual osculating mean anomaly.

Tim

3185. UPDATE on Mirage B3016 preamp

Newsgroup: rec.radio.amateur.space
Date: 2000-12-02 00:00:00 UTC
From: Gerry <ka1stz@yahoo.com>
Message-ID: <t2jj6oik06gm76@corp.supernews.com>
Source record: 7521
Cross-posted to: alt.ham-radio.vhf-uhf,rec.radio.amateur.equipment,rec.radio.amateur.space,sci.electronics.repair

Thanks to all that offered suggestions concerning my preamp. I liked the sound of Jonesy's suggestion (W3DHJ), which was to yank all the preamp components on the original board and wire in a hamtronics preamp. Well, that's what I did, and it's fantastic. I installed it in the amp box last night and tested it on the bench, then installed it on the tower today and tried it out for real. Awesome results! You have got to love that kind of gain! 73 de KA1STZ Gerry

3186. Re: Waterfalls and PSK

Newsgroup: rec.radio.amateur.space
Date: 2000-12-02 04:09:25 UTC
From: Bob Partridge <2835190228@home.com>
Message-ID: <3A28760A.CBDAA07C@home.com>
Source record: 7505

Don,
Suggest you do a search for DigiPan and download it. Point and click
operation!
Bob, VE3SRD

don wrote:
>
> I have all of about 30 minutes experience with PSK31.
>
> I've downloaded the IZ8BLY decoder and some audio files (hey, AO-40 isn't
> visible from here right now).
>
> Uhmmm, what's the goal here? I now see what a "waterfall" looks like, and I
> see a horizontal trace that appears to deflect in step with the audio.
>
> This particular decoder shows two vertical lines over the waterfall that I have
> no (apparent) direct control over. It appears to float over some center
> frequency that shifts up or down, and has a fixed spacing between them.
>
> I guess that I am supposed to "mouse over" the waterfall and slide those
> horizontal bars up or down (I can't "lock in" to any particular position -
> i.e., after the mouse moves out of the waterfall).
>
> Am I right in assuming one bar is "1" and the other bar is "0"? And that my
> goal is to adjust the bars to get a nice bit transition between?
>
> Is this the way they all work? (All the soundcard-type decoders, that is?)
>
> So far, no decoded data has appeared, so I'm obviously not doing something
> right. I just can't figure out "what" because I don't know what the "goal" is.
>
> thanks in advance,
>
> don

3187. Re: michigan Hams

Newsgroup: rec.radio.amateur.space
Date: 2000-12-02 04:31:06 UTC
From: Ed Bacon <ed-bacon@mediaone.net>
Message-ID: <3A28C1A4.E622E13B@mediaone.net>
Source record: 7506

helmsman wrote:

> This is a call for action for all Hams that want to
> continue using their MOBILE radios, or even wish to
> transport their PORTABLE/HANDHELD radios in their
> vehicles without obtaining a special permit from the
> Michigan State Police.
>
> On Sept. 27, 2000, Michigan Rep. Mike Kowall sponsored
> House Bill HB-6012 that amends sec. 508 of 1931 PA 328
> (MCL 750.508). Co-sponsors to this amendment are Reps.
> Cassis, Julian, Shackleton, Birkholz, Howell,
> Scranton, and Tabor and has been referred to the
> Committee on Transportation.
>
> Sec. 508 has been completely rewritten.
>
> Subsection (1) states ...shall not either equip a
> vehicle with a radio receiver, or possess in a vehicle
> a portable radio receiver that receives...
>
> Subsection (2) does not exempt Hams from the permit
> requirement as the non-amended sec. 508 did.
> Subsection (2) states ...does not apply to a vehicle
> owned or used by an individual who has obtained a
> valid permit...
> This permit requirement applies to Law Enforcement
> Officers and Amateur Radio Operators.
>
> This is a bad Bill for Amateur Radio in Michigan on
> the whole, and especially for those attempting to
> provide a service to our communities. This is another
> hurdle which should not have to be jumped by the
> volunteers that give so much already.
>
> Call or e-mail your State Representative today and
> let's put a stop to this foolishness. You can find
> your Representatives number in the phone book or by
> going to http://www.michiganlegislature.org/ and then
> scrolling to the "Links to Other Sites" "State House".
>
> HB 6012 reads as follows:
>
> (1) Except as provided in Subsection (2), A person

> shall not either equip a vehicle with a radio
> receiver, or POSSESS in a vehicle a portable radio
> receiver, that receives radio frequencies assigned by
> the federal communications commission for police
> purposes.
>
> (2) Subsection (1) does not apply to a vehicle owned
> or used by an individual who has obtained a valid
> permit from the director of the department of the
> State Police on a form prescribed by the director and
> who is either of the following:
>
> (A) a law enforcement officer certified pursuant to
> the commission on law enforcement standards act, 1965
> PA 203, MCL 28.601 to 28.616.
>
> (B) An amateur radio operator licensed by the Federal
> communications commission in 1 of the following
> classes:
>
> (i) technician class
> (ii)Tech Plus class
> (iii)general class
> (iv) advanced operator class
> (v)Amateur extra operator class
>
> (3) this section does not restrict or prohibit
> equipping a vehicle with or using a radar detector.
>
> Violations of this law carry a 1 yr jail sentence and
> a $500.00 fine.
> .
> .
> KG8PM
> http://www.mindspring.com/~helmsman

helmsman,

Thanks for the heads up.

Did you look at the legislative history of MCL 750.508? It was enacted in 1931, eleven years after the passing of the 18th amendment to the US Constitution which, for all pratical purposes, outlawed intoxicating liqours. The 18th amendment was repealed by the 21st amendment in 1933, two years _after_ MCL 750.508 was enacted. It looks as though dodging the cops was a major issue after the ratification of the 18th amendment (duh!) and Michigan tried to curtail cop-dodging by making it illegal to install police receivers in cars. The Michigan legislature has amended the act three times since then, probably to keep pace with changes in amateur radio licensing.

Does anyone know offhand the history of changes to the amateur radio license structure? MCL 750.508 was amended in 1939, 1957 and 1990. Did the FCC change the amateur licensing structure shortly prior to these years?

Ed Bacon
KC8KLB

3188. Re: When will the new Kenwood 2000 be out?

Newsgroup: rec.radio.amateur.space
Date: 2000-12-03 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn92k4u3.a81.nomail@linux.pe1chl.ampr.org>
Source record: 7523

user <user> wrote:

>>First shipments to the UK are in January 2001. I thought you would have seen
>>it by now in the US!

>>Looks a promising bit of kit.

>I thought so also until I read that the secondary receiver is AM or FM
>only. Apparently will not monitor a ssb/cw downlink while you transmit
>ssb/cw on the uplink. Hope this proves to NOT be correct, but.....

THis has been discussed a lot... why do you (like so many others) assume
that the primary receiver will not work while transmitting?
Other satellite rigs have only one receiver and they can do fullduplex, why
would that capability suddenly disappear once a second receiver is added?

So: you put that secondary receiver on your local repeater or chat channel,
and forget about it. Use the primary receiver for the satellites.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

3189. test

Newsgroup: rec.radio.amateur.space
Date: 2000-12-03 00:00:00 UTC
From: cesare <cecaprar@tin.it>
Message-ID: <fenW5.4409$bP.151832@twister2.tin.it>
Source record: 7524

test

3190. Listening to AO-40

Newsgroup: rec.radio.amateur.space
Date: 2000-12-03 00:00:00 UTC
From: Elisa Meara <wmeara@clix.pt>
Message-ID: <3A2A56E0.AEF@clix.pt>
Source record: 7525

I'm not yet set up to decode the telemetry from AO-40, but I was so enthused by the successful launch that I threw together a very low tech/old tech listening station. The antenna is a vertical dipole with a mast-mounted Ramsey Kit pre-amp. Next there is a Hamtronics 2 to 10 meter converter. That goes to my old reliable Drake 2-B.
For tracking, I'm running the old Orbits II program on an old 286 machine. Like I said, old-tech/low tech. It's ugly, but it gets you there.

I've been listening to the satellite on and off from about 0733 UTC 3 December. Signals were very strong when the range was 15,000 km and I observed a decline in signal strength as the range increased. Several times I thought the bird had moved out of range, but then I'd pick up the signal again. I'm noticing some fairly large variations in signal strength. Any ideas on what is causing this? What kind of antenna are they using to send the 2 meter telemetry?

73 from the Azores
Bill CU2JL N2CQR

3191. Re: Listening to AO-40

Newsgroup: rec.radio.amateur.space
Date: 2000-12-03 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn92kd6p.a81.nomail@linux.pe1chl.ampr.org>
Source record: 7526

Elisa Meara <wmeara@clix.pt> wrote:
>I've been listening to the satellite on and off from about 0733 UTC 3
>December. Signals were very strong when the range was 15,000 km and I
>observed a decline in signal strength as the range increased. Several
>times I thought the bird had moved out of range, but then I'd pick up
>the signal again. I'm noticing some fairly large variations in signal
>strength. Any ideas on what is causing this? What kind of antenna are
>they using to send the 2 meter telemetry?

The satellite is spinning around its Z axis 6 times per minute, i.e.
once every 10 seconds. That is done to keep it stable during the
upcoming motor firing. Once in final orbit the satellite will be
3D stabilized, i.e. it will no longer spin.

The telemetry is sent into an omni antenna (about 15 watts output).

Also when you receive with an omni antenna you will see the vertical
radiation pattern when the satellite climbs to higher elevation angle
(or descends back). A higher-gain vertical may have several lobes
in this direction, but will work best when the satellite is near the
horizon. For optimal results you need an antenna that has a suitable
vertical pattern, or that is pointed to the satellite.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

3192. receiving from ISS/Shuttle?

Newsgroup: rec.radio.amateur.space
Date: 2000-12-03 00:00:00 UTC
From: SPAMnocoast@aol.com
Message-ID: <3a2a952b.324707244@netnews.worldnet.att.net>
Source record: 7527

if anyone has not tried the free NASA J-Pass and J-Track web site try
them out here:

http://liftoff.msfc.nasa.gov/RealTime/JPass/20/

Question: Are there any easily received xmissions from ISS or shuttle
that can be received on a scanner or HT when passing overhead?

Thanks,
Andrew, KA2KHD

3193. Re: receiving from ISS/Shuttle?

Newsgroup: rec.radio.amateur.space
Date: 2000-12-03 00:00:00 UTC
From: Glenn <glenn.hansen@usa.net>
Message-ID: <dMwW5.110024$U46.3531160@news1.sttls1.wa.home.com>
Source record: 7528

You live in a cave Andrew or just got connected? :-)

I was listening to the ISS on 143.625 last night. Strong and easy signal to
hear and great conversation if you know Russian.

Others have heard English occasionally but I haven't.

Glenn

"Andrew" <SPAMnocoast@aol.com> wrote in message
news:3a2a952b.324707244@netnews.worldnet.att.net...
> if anyone has not tried the free NASA J-Pass and J-Track web site try
> them out here:
>
> http://liftoff.msfc.nasa.gov/RealTime/JPass/20/
>
> Question: Are there any easily received xmissions from ISS or shuttle
> that can be received on a scanner or HT when passing overhead?
>
> Thanks,
> Andrew, KA2KHD

3194. AO-40 Keps OK?

Newsgroup: rec.radio.amateur.space
Date: 2000-12-03 00:00:00 UTC
From: Elisa Meara <wmeara@clix.pt>
Message-ID: <3A2AE405.375D@clix.pt>
Source record: 7529

I've been using AO-40 keps with a Julian date of 335 that I took from the Heavens Above web site. This afternoon I was listening to the 2 meter telemetry as the satellite dropped down toward perigee. I noticed that I had Loss of Signal about 40 minutes later than I was supposed to.

Are there any more recent keps available? Are the controllers changing the orbit yet? Anybody else notice that the 335 Julian date keps are a bit off (or is it me?)

Thanks, 73 Bill CU2JL N2CQR

3195. Re: AO-40 Keps OK?

Newsgroup: rec.radio.amateur.space
Date: 2000-12-03 00:00:00 UTC
From: Jeff <barnie@flash.net>
Message-ID: <3A2ABD4E.DC8C98F1@flash.net>
Source record: 7530

Yesterday I found I needed to aim my antennas about 20 degrees further north than the Keps would indicate (I am using the 335 keps also). Perhaps orbital maneuvering?

Jeff Vollin

Elisa Meara wrote:

> I've been using AO-40 keps with a Julian date of 335 that I took from
> the Heavens Above web site. This afternoon I was listening to the 2
> meter telemetry as the satellite dropped down toward perigee. I noticed
> that I had Loss of Signal about 40 minutes later than I was supposed to.
>
> Are there any more recent keps available? Are the controllers changing
> the orbit yet? Anybody else notice that the 335 Julian date keps are a
> bit off (or is it me?)
>
> Thanks, 73 Bill CU2JL N2CQR

3196. OSCAR Rcv/Txmt Adjustment Protocol Check

Newsgroup: rec.radio.amateur.space
Date: 2000-12-03 00:00:00 UTC
From: Bob Morehouse <nobobmorespam@pacifier.com>
Message-ID: <3A2ACC53.9ECD74C1@pacifier.com>
Source record: 7531

This relates to the what is considered the accepted practice for tuning your vfo when on the satellites. Per an AMSAT book I got some years ago, "How To Use The Amateur Radio Satellites", fifth edition, it states:

"Common practice during a satellite QSO is to slowly shift your transmit frequency on the uplink as the Doppler effect changes the frequency of your downlink signal. This will also prevent an inadvertant shift of your conversation into someone else's."

I was on FO-29 earlier today with a fellow back east who said you should do it the other way around, adjust the reciever to stay on the transmitted frequency. Has the previously accepted practice changed, or is this fellow simply not informed on the way it should be done? As the book said, it seems like you will eventually drift into another QSO, and actually, you'll run out of passband to even have your own signal downlinked.

By the way, for those of you who have all-mode VHF/UHF gear who have been hesitant to try any of the satellites just because you don't have directional yagis on dual-axis rotators, I've been on AO-10, FO-20, and FO-29 a number of times since early last month using vertical antennas. FO-29 has had some real good signals, but hardly anyone has been on that one. I have 2 meter/435 crossed yagis, but they need a quite a bit of work.

Bob, KB7ADO

Do not use REPLY button
If replying direct, send to: bobmore@pacifier.com

3197. Re: AO-40 Keps OK?

Newsgroup: rec.radio.amateur.space
Date: 2000-12-03 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn92lgua.rfr.nomail@linux.pe1chl.ampr.org>
Source record: 7532

Elisa Meara <wmeara@clix.pt> wrote:
>I've been using AO-40 keps with a Julian date of 335 that I took from
>the Heavens Above web site. This afternoon I was listening to the 2
>meter telemetry as the satellite dropped down toward perigee. I noticed
>that I had Loss of Signal about 40 minutes later than I was supposed to.

>Are there any more recent keps available? Are the controllers changing
>the orbit yet? Anybody else notice that the 335 Julian date keps are a
>bit off (or is it me?)

Those keps are bad. You need older keps, not newer.

The keps for day 328 were OK.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

3198. TNC for AO-40 telemetry

Newsgroup: rec.radio.amateur.space
Date: 2000-12-03 00:00:00 UTC
From: 1stevec11@my-deja.com
Message-ID: <90el6komv1@nnrp1.deja.com>
Source record: 7533

Can a KAM, MFJ 1278 or 1278B be made to copy AO-40 telemetry? I am looking to get a TNC to use on the satellites. Any suggestions?

Steve

Sent via Deja.com http://www.deja.com/
Before you buy.

3199. Re: AO-40 Keps OK?

Newsgroup: rec.radio.amateur.space
Date: 2000-12-03 00:00:00 UTC
From: Clifford Buttschardt <cbuttsch@slonet.org>
Message-ID: <Pine.GSO.3.95.1001203173657.20908B-100000@oso.slonet.org>
Source record: 7534

Set number four for AO40 is about 20 minutes late acquiring AO40.
You might find better Keps or just listen 20 minutes early! Cliff K7RR

On Sun, 3 Dec 2000, Jeff wrote:

> Yesterday I found I needed to aim my antennas about 20 degrees further north
> than the Keps would indicate (I am using the 335 keps also). Perhaps orbital
> maneuvering?
>
> Jeff Vollin
>
> Elisa Meara wrote:
>
> > I've been using AO-40 keps with a Julian date of 335 that I took from
> > the Heavens Above web site. This afternoon I was listening to the 2
> > meter telemetry as the satellite dropped down toward perigee. I noticed
> > that I had Loss of Signal about 40 minutes later than I was supposed to.
> >
> > Are there any more recent keps available? Are the controllers changing
> > the orbit yet? Anybody else notice that the 335 Julian date keps are a
> > bit off (or is it me?)
> >
> > Thanks, 73 Bill CU2JL N2CQR
>
>
>

3200. Re: PSK31 and AO40

Newsgroup: rec.radio.amateur.space
Date: 2000-12-03 00:00:00 UTC
From: Clifford Buttschardt <cbuttsch@slonet.org>
Message-ID: <Pine.GSO.3.95.1001203174134.20908C-100000@oso.slonet.org>
Source record: 7535

Finally! some decent, accurate advice!
Cliff K7RR

On Sat, 2 Dec 2000, Rob Janssen wrote:

> SBCmusic <sbcmusic@aol.com> wrote:
> >Hi, all.......
>
> >OK, I understand the VHF telementry from AO40 is using PSK31, right?
>
> Wrong. It is PSK. If you would compare it to PSK31 it would be PSK400.
>
> > A couple
> >of questions.......
>
> >This is the same as HF psk31?
>
> No.
>
> >Do I open the squelch all the way on my receiver, or will it break the squelch
> >and decode it?
>
> When your squelch works on SSB, it will open.
>
> >What VHF frequency?
>
> 145.898 MHz, USB, tune +/- 3 KHz for doppler.
>
> Rob
> --
> +--------------------------------+--------------------------------------+
> | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
> | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
> +--------------------------------+--------------------------------------+
>
>

3201. 435.85 approx.

Newsgroup: rec.radio.amateur.space
Date: 2000-12-03 00:00:00 UTC
From: Curtis Bidulock <bidulock@hotmail.com>
Message-ID: <kcFW5.130$55.2716@news-rep.ab.videon.ca>
Source record: 7536

I am picking up some data transmissions on approx. 435.85MHZ. Could this be FO-29. It is the only bird that I know of that was flying overhead. I am in Edmonton, Alberta and the time was 11:37PM Eastern , 9:37PM Mountain

3202. Re: TNC for AO-40 telemetry

Newsgroup: rec.radio.amateur.space
Date: 2000-12-03 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn92lmp3.rfr.nomail@linux.pe1chl.ampr.org>
Source record: 7537

1stevec11@my-deja.com <1stevec11@my-deja.com> wrote:

>Can a KAM, MFJ 1278 or 1278B be made to copy AO-
>40 telemetry? I am looking to get a TNC to use on
>the satellites. Any suggestions?

It seems a better idea to use a soundcard and one of the available software
demodulators.
If you really want to use hardware, get the G3RUH demodulator from Amsat.
(it does not require a TNC, has direct serial output)

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

3203. Re: When will the new Kenwood 2000 be out?

Newsgroup: rec.radio.amateur.space
Date: 2000-12-03 00:00:00 UTC
From: "P.R.J. Shayler" <paul@g6tsf.demon.co.uk>
Message-ID: <4a2726f687paul@g6tsf.demon.co.uk>
Source record: 7538

In article <yb6W5.200$Gb.13637@typhoon1.ba-dsg.net>,
Jeff Kelly <jkelly@bellatlantic.net> wrote:
> When will the new Kenwood 2000 be out?

> Jeff Kelly
> KT2K

Jan/Feb 2001 may be?

Paul G6TSF

--

I'm using a Risc PC (tm) with SA-110 StrongARM (tm) RISC processor
and running RISC OS (tm)
Paul G6TSF g6tsf@amsat.org g6tsf@arrl.net

3204. AO-40 TM and DSP-93

Newsgroup: rec.radio.amateur.space
Date: 2000-12-03 00:28:37 UTC
From: Jeff <barnie@flash.net>
Message-ID: <3A2993B4.F1939BE0@flash.net>
Source record: 7522

Is anyone out there using the DSP-93 and the W4SM P3T telemetry decoding software? I have been able to receive packets fairly well but I have yet to see a "CRC OK" in the decoder.
Should this work with this setup? How do I interpret the LED's on the DSP-93? It would appear LED1 is ON if the unit is successfully decoding something and hence sending serial data to the computer. Even when this happens however, I often see nothing in the data on the computer. It as if the port is closed. If I toggle around on the various text block
types, the software "wakes up" and starts getting data however CRC never changes. Is this

normal? I am eager to start logging this stuff and the logging function appears to not work without CRCs.

Jeff Vollin
KC6WFU

3205. Re: AO-40 Keps OK?

Newsgroup: rec.radio.amateur.space
Date: 2000-12-04 00:00:00 UTC
From: Tim <tthomps@nospam.erols.com>
Message-ID: <90homqcuv1@bob.news.rcn.net>
Source record: 7449

Joop van der Velden wrote in message ...
>In article <3A2AE405.375D@clix.pt>, Elisa Meara wrote:
>> I've been using AO-40 keps with a Julian date of 335 that I took from
>> the Heavens Above web site.
>
>NASA is confusing objects. I guess these strange elliptical orbits
>are out of their everyday experience. Use this set from
>http://www.amsat-dl.org Don't assume that the most recent from NASA
>is the best.
>

The vast majority of TLEs are the result of orbit determination by Norad (now called USSPACECOM). NASA distributes them as mandated by Congress. Norad may either be mislabeling the object or they may not have scheduled tracking on it recently. Since Norad tracks most of these objects using radars, they may have trouble associating the objects from a launch with the correct name of each piece. NASA has no way (for most objects) of quality assuring Norad's work.

Some science missions use Norad TLEs to avoid the cost of tracking services and orbit determination. At least one (to my knowledge) found out that Norad mislabeled their spacecraft and placed a very low priority on correcting the error.

Tim

3206. Re: Looking for recommendations

Newsgroup: rec.radio.amateur.space
Date: 2000-12-04 00:00:00 UTC
From: Jim Jerzycke <kq6ea@amsat.org>
Message-ID: <3A2B4DD0.3D0CD624@amsat.org>
Source record: 7540
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.space

Damnitt!!! I just GOTTA learn how to type!
Jim

3207. Re: OSCAR Rcv/Txmt Adjustment Protocol Check

Newsgroup: rec.radio.amateur.space
Date: 2000-12-04 00:00:00 UTC
From: TomR@astro.net
Message-ID: <3a2b92a2.63164665@news.idsi.net>
Source record: 7541

On Sun, 03 Dec 2000 14:42:27 -0800, Bob Morehouse
<nobobmorespam@pacifier.com> wrote:

>This relates to the what is considered the accepted practice for tuning
>your vfo when on the satellites. Per an AMSAT book I got some years
>ago, "How To Use The Amateur Radio Satellites", fifth edition, it
>states:
>
>"Common practice during a satellite QSO is to slowly shift your transmit
>frequency on the uplink as the Doppler effect changes the frequency of
>your downlink signal. This will also prevent an inadvertant shift of
>your conversation into someone else's."
>
>I was on FO-29 earlier today with a fellow back east who said you should
>do it the other way around, adjust the reciever to stay on the
>transmitted frequency. Has the previously accepted practice changed, or
>is this fellow simply not informed on the way it should be done? As the
>book said, it seems like you will eventually drift into another QSO, and
>actually, you'll run out of passband to even have your own signal
>downlinked.
>
>By the way, for those of you who have all-mode VHF/UHF gear who have
>been hesitant to try any of the satellites just because you don't have
>directional yagis on dual-axis rotators, I've been on AO-10, FO-20, and
>FO-29 a number of times since early last month using vertical antennas.
>FO-29 has had some real good signals, but hardly anyone has been on that
>one. I have 2 meter/435 crossed yagis, but they need a quite a bit of
>work.
>
>Bob, KB7ADO

I have been into ao-27 and UO-14 with just an HT whip a telescoping
whip. It's NOT easy but is do-able. Both are have HEAVY traffic on
them. Got to get me that Arrow handheld beam though....

Tom - KB2SMS

3208. Re: When will the new Kenwood 2000 be out?

Newsgroup: rec.radio.amateur.space
Date: 2000-12-04 00:00:00 UTC
From: "Leland C. Scott" <no-spam@junk-mail.net>
Message-ID: <t2n8narhvq63a0@corp.supernews.com>
Source record: 7542

"Rob Janssen" <nomail@rob.knoware.nl> wrote in message
news:slrn92k4u3.a81.nomail@linux.pe1chl.ampr.org...
>
> THis has been discussed a lot... why do you (like so many others) assume
> that the primary receiver will not work while transmitting?
> Other satellite rigs have only one receiver and they can do fullduplex,
why
> would that capability suddenly disappear once a second receiver is added?
>
> So: you put that secondary receiver on your local repeater or chat
channel,
> and forget about it. Use the primary receiver for the satellites.

I have "heard" the rig can only do 23 cm TX, no 23 cm RX, since 23 cm is
only used as a satellite up-link frequency. Is there any truth to this TX
ability only on 23 cm?

--
Leland C. Scott
KC8LDO

3209. Re: AO-40 Keps OK?

Newsgroup: rec.radio.amateur.space
Date: 2000-12-04 00:00:00 UTC
From: Elisa Meara <wmeara@clix.pt>
Message-ID: <3A2BDD6C.1B13@clix.pt>
Source record: 7543

Yes, the 335 Julian date keps were bad. This morning I switched to the 328 Julian date keps and got AOS exactly at the time predicted. I also went back and checked at LOS for yesterday evening (1806 UTC) and with the older (328) keps LOS was exactly on schedule. Thanks for the good advice. 73 Bill CU2JL N2CQR

3210. Re: michigan Hams

Newsgroup: rec.radio.amateur.space
Date: 2000-12-04 00:00:00 UTC
From: matthew@pinky.uniqsys.com
Message-ID: <slrn92nbea.nv9.matthew@pinky.uniqsys.com>
Source record: 7544

Ed Bacon <ed-bacon@mediaone.net> spewed forth:
helmsman wrote:
#
> This is a call for action for all Hams that want to
> continue using their MOBILE radios, or even wish to
> transport their PORTABLE/HANDHELD radios in their
> vehicles without obtaining a special permit from the
> Michigan State Police.

I no longer live in Michigan, but my friends that do tell me that this bill has been dead for about a month now. IIRC, it never made it out of committee.

Matthew

--
Matthew T. Jachimstal | Phone: (419) 861-3331 .~.
Software Engineer | FAX: (419) 861-3340 /V\
Unique Systems, Inc. | http://www.uniqsys.com // \\
6920 Spring Valley Drive, Suite 106 | matthew@uniqsys.com /( )\
Holland, OH 43528 | ^`~'^

3211. Re: 435.85 approx.

Newsgroup: rec.radio.amateur.space
Date: 2000-12-04 00:00:00 UTC
From: TomR@astro.net
Message-ID: <3a2bd7f5.80914525@news.idsi.net>
Source record: 7545

On Sun, 3 Dec 2000 21:37:32 -0700, "Curtis Bidulock"
<bidulock@hotmail.com> wrote:

>I am picking up some data transmissions on approx. 435.85MHZ. Could this be
>FO-29. It is the only bird that I know of that was flying overhead. I am in
>Edmonton, Alberta and the time was 11:37PM Eastern , 9:37PM Mountain

I would say no, it's not FO-29, that sats center freqency is 435.910,
too far down for doppler shift.

Tom - KB2SMS

3212. Re: 435.85 approx.

Newsgroup: rec.radio.amateur.space
Date: 2000-12-04 00:00:00 UTC
From: jimmy john <jj@sandwitch.org>
Message-ID: <4A8A59F2BDCDD311BFC800508BA36AC805D0F365@www.indianarep.com>
Source record: 7546

If a satellite, then probably AO-40.

<TomR@astro.net> wrote in message news:3a2bd7f5.80914525@news.idsi.net...
> On Sun, 3 Dec 2000 21:37:32 -0700, "Curtis Bidulock"
> <bidulock@hotmail.com> wrote:
>
> >I am picking up some data transmissions on approx. 435.85MHZ. Could this
be
> >FO-29. It is the only bird that I know of that was flying overhead. I am
in
> >Edmonton, Alberta and the time was 11:37PM Eastern , 9:37PM Mountain
>
> I would say no, it's not FO-29, that sats center freqency is 435.910,
> too far down for doppler shift.
>
> Tom - KB2SMS
>

3213. Re: AO-40 Keps OK?

Newsgroup: rec.radio.amateur.space
Date: 2000-12-04 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn92nmm0.rfr.nomail@linux.pe1chl.ampr.org>
Source record: 7547

Elisa Meara <wmeara@clix.pt> wrote:
>Yes, the 335 Julian date keps were bad. This morning I switched to the
>328 Julian date keps and got AOS exactly at the time predicted. I also
>went back and checked at LOS for yesterday evening (1806 UTC) and with
>the older (328) keps LOS was exactly on schedule. Thanks for the good
>advice. 73 Bill CU2JL N2CQR

The new (day 337) NORAD keps are bad as well.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

3214. Re: 435.85 approx.

Newsgroup: rec.radio.amateur.space
Date: 2000-12-04 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn92ntj1.rfr.nomail@linux.pe1chl.ampr.org>
Source record: 7548

jimmy john <jj@sandwitch.org> wrote:
>If a satellite, then probably AO-40.

><TomR@astro.net> wrote in message news:3a2bd7f5.80914525@news.idsi.net...
>> On Sun, 3 Dec 2000 21:37:32 -0700, "Curtis Bidulock"
>> <bidulock@hotmail.com> wrote:

>> >I am picking up some data transmissions on approx. 435.85MHZ. Could this
>be

That would be very good news if it was AO-40.
Until now, the 70cm transmitter appeared dead.

Rob
--
+---------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+---------------------------------+--------------------------------------+

3215. Re: AO-40 Keps OK?

Newsgroup: rec.radio.amateur.space
Date: 2000-12-04 07:40:49 UTC
From: Joop van der Velden <pe1dna@amsat.org>
Message-ID: <VA.00000010.0012aeb2@amsat.org>
Source record: 7539

In article <3A2AE405.375D@clix.pt>, Elisa Meara wrote:
> I've been using AO-40 keps with a Julian date of 335 that I took from
> the Heavens Above web site.

NASA is confusing objects. I guess these strange elliptical orbits
are out of their everyday experience. Use this set from
http://www.amsat-dl.org Don't assume that the most recent from NASA
is the best.

AO-40 / OSCAR 40
1 26609U 00072B 00328.20006944 .00000001 00000-0 12451-4 0 45
2 26609 6.4214 245.2971 7351666 180.5141 180.0042 2.03021569 166

When AMSAT starts firing engines everythinh will change again of course.
Just keep visiting the amsat-dl site.

--
Joop

3216. Re: AO-40 Keps OK?

Newsgroup: rec.radio.amateur.space
Date: 2000-12-05 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn92p8go.mj.nomail@linux.pe1chl.ampr.org>
Source record: 7454

Tim <tthomps@nospam.erols.com> wrote:

>Some science missions use Norad TLEs to avoid the cost of tracking services
>and orbit determination. At least one (to my knowledge) found out that
>Norad mislabeled their spacecraft and placed a very low priority on
>correcting the error.

Amateurs have a long standing experience with tracking problems at NORAD.
They usually are on launches with a lot of payloads, and almost every time
there has been confusion about which element set is for what object.
And when it finally is OK, it gets mixed up again at the next TLE issue.
(happened this time as well)

It has been ironically remarked that these are the same guys that are
supposed to track hostile objects launched from enemy countries. Those
supposedly are not fitted with identifying beacons either...

History shows that it is easier to track an object than to identify it
as friend or foe.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

3217. Re: 435.85 approx.

Newsgroup: rec.radio.amateur.space
Date: 2000-12-05 00:00:00 UTC
From: jimmy john <jj@sandwitch.org>
Message-ID: <4A8A59F2BDCDD311BFC800508BA36AC805D6D620@www.premiersi.com>
Source record: 7455

```
Oh, I'm just having trouble reading numbers. Somehow I saw "145.85" when I
read it the first time.

"Rob Janssen" <nomail@rob.knoware.nl> wrote in message
news:slrn92ntj1.rfr.nomail@linux.pe1chl.ampr.org...
> jimmy john <jj@sandwitch.org> wrote:
> >If a satellite, then probably AO-40.
>
> ><TomR@astro.net> wrote in message news:3a2bd7f5.80914525@news.idsi.net...
> >> On Sun, 3 Dec 2000 21:37:32 -0700, "Curtis Bidulock"
> >> <bidulock@hotmail.com> wrote:
>
> >> >I am picking up some data transmissions on approx. 435.85MHZ. Could
this
> >be
>
> That would be very good news if it was AO-40.
> Until now, the 70cm transmitter appeared dead.
>
> Rob
> --
> +--------------------------------+--------------------------------------+
> | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
> | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
> +--------------------------------+--------------------------------------+
```

3218. Help with P3T TCP/IP & IZ8BLY Phase3D Satellite Decoder

Newsgroup: rec.radio.amateur.space
Date: 2000-12-05 00:00:00 UTC
From: Alan Grove <zl70@dial.pipex.com>
Message-ID: <90jgce$h4r$1@lure.pipex.net>
Source record: 7456

Is there anyone out there who could assist me with making W4SM's P3T program work with IZ8BLY's Decoder program?

I have been using the IZ8BLY program successfully to decode the PSK 400 signals being received on 145.898MHz from Oscar-40.

I have also used W4SM's P3T program to connect successfully to remote telemetry servers via the internet.

However, I cannot get the two programs to work together as a local server and client on my own computer.

Obviously I have TCP/IP installed for use on the internet, but clearly there is something wrong with my setup.

I have followed IZ8BLY's instructions for setting up the TCP/IP remote client part of P3T. However, when I click on the "Connect" button on P3T, I get the message:

Windows Socket Error: (11001), on API 'ASync Lookup'

If I try a second time I get the message:

Windows Socket Error: (10049), on API 'Connect'

If anyone could assist me in overcoming this problem, or even direct me to a source of information, it would be appreciated.

Alan, G8BJG
g8bjg@dial.pipex.com

3219. WTB Drake 2880 downconverter

Newsgroup: rec.radio.amateur.space
Date: 2000-12-05 00:00:00 UTC
From: Jeff Kelly <jkelly@bellatlantic.net>
Message-ID: <3%bX5.20$HK4.30996@typhoon2.ba-dsg.net>
Source record: 7457

Anyone have one available?

Jeff Kelly
jkelly@bellatlantic.net

3220. PC Track 3.0

Newsgroup: rec.radio.amateur.space
Date: 2000-12-05 00:00:00 UTC
From: FlyCaster <NOSPAM-kenwells@kiva.net>
Message-ID: <90jj20$l6b$2@topsy.kiva.net>
Source record: 7458

Hi all,
I have a copy of PC Track 3 and am trying to use it to track the new AO-40.
I like its interface and display, but apparently it is not Y2K compliant.
It is in error by quite a bit.

Does anyone know of a patch or other correction for PC Track 3.
Thanks
--
Ken Wells - NM9P
NOSPAMkenwells@kiva.net

3221. FS/T G3RUH 400bps psk demodulator

Newsgroup: rec.radio.amateur.space
Date: 2000-12-05 00:00:00 UTC
From: user
Message-ID: <kk1r2t0kssrtc4iaol61i51ldrs1n17t3r@4ax.com>
Source record: 7459

I have a G3RUH 400bps psk no-adjust demodulator for the Oscar
telemetry that is excess to my needs. It is in an mfj/tentec style
enclosure. Offers? trades? Need antenna tuner.
--
Eddie Seymour,WB4MLE
Delete the capital letters:
wb4mleAT@mindspringDOT.com

3222. Re: PC Track 3.0

Newsgroup: rec.radio.amateur.space
Date: 2000-12-05 00:00:00 UTC
From: "Greg D." <gregd@jps.net>
Message-ID: <3A2DDF16.FA527B5E@jps.net>
Source record: 7460

I am still using PC Track 2.14 (I prefer the screen layout over all the others), and it too has a problem with Y2K. You might have the same problem...

The program imports the keps, and saves them in its own internal format. Unfortunately, the century is stuck at 19, so all of the 2000 elements show up as 1900. Go into wherever the 'edit keps' menu is; if you see the incorrect epoch year, just manually override it. You'll need to do this every time you import the elements. Not a big deal.

Good luck,

Greg.

FlyCaster wrote:
>
> Hi all,
> I have a copy of PC Track 3 and am trying to use it to track the new AO-40.
> I like its interface and display, but apparently it is not Y2K compliant.
> It is in error by quite a bit.
>
> Does anyone know of a patch or other correction for PC Track 3.
> Thanks
> --
> Ken Wells - NM9P
> ***NOSPAM***kenwells@kiva.net

3223. Re: Help with P3T TCP/IP & IZ8BLY Phase3D Satellite Decoder

Newsgroup: rec.radio.amateur.space
Date: 2000-12-05 00:00:00 UTC
From: "Greg D." <gregd@jps.net>
Message-ID: <3A2DDDE2.CBF711A3@jps.net>
Source record: 7461

What did you tell P3T to use for an IP address? The instructions
said something about 127.0.0.1, but that didn't work for me. I
ended up trying the machine name, and that worked.

Good luck. The two programs are a great team.

Greg.

Alan Grove wrote:
>
> Is there anyone out there who could assist me with making W4SM's P3T program
> work with IZ8BLY's Decoder program?
>
> I have been using the IZ8BLY program successfully to decode the PSK 400
> signals being received on 145.898MHz from Oscar-40.
>
> I have also used W4SM's P3T program to connect successfully to remote
> telemetry servers via the internet.
>
> However, I cannot get the two programs to work together as a local server
> and client on my own computer.
>
> Obviously I have TCP/IP installed for use on the internet, but clearly there
> is something wrong with my setup.
>
> I have followed IZ8BLY's instructions for setting up the TCP/IP remote
> client part of P3T. However, when I click on the "Connect" button on P3T, I
> get the message:
>
> Windows Socket Error: (11001), on API 'ASync Lookup'
>
> If I try a second time I get the message:
>
> Windows Socket Error: (10049), on API 'Connect'
>
> If anyone could assist me in overcoming this problem, or even direct me to a
> source of information, it would be appreciated.
>
> Alan, G8BJG
> g8bjg@dial.pipex.com

3224. Re: 435.85 approx.

Newsgroup: rec.radio.amateur.space
Date: 2000-12-05 00:34:57 UTC
From: marsgal42@hotmail.com
Message-ID: <90hd7guif1@nnrp1.deja.com>
Source record: 7450

In article <kcFW5.130$55.2716@news-rep.ab.videon.ca>,
"Curtis Bidulock" <bidulock@hotmail.com> wrote:
> I am picking up some data transmissions on approx. 435.85MHZ. Could
this be
> FO-29. It is the only bird that I know of that was flying overhead. I
am in
> Edmonton, Alberta and the time was 11:37PM Eastern , 9:37PM Mountain

One question nobody has asked: what kind of data?

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..." - Hospital/Shafte

Sent via Deja.com http://www.deja.com/
Before you buy.

3225. Re: OSCAR Rcv/Txmt Adjustment Protocol Check

Newsgroup: rec.radio.amateur.space
Date: 2000-12-05 00:46:02 UTC
From: nx7u@primenet.com
Message-ID: <3a2c3a72.8798098@news.primenet.com>
Source record: 7451

Protocol as I understand it is actually to adjust the HIGHEST
FREQUENCY signal...so on AO-10 you'd adjust your TX, like you've
quoted, but on the Fuji Oscars you'd adjust your RX. Supposedly this
minimizes the total adjustment (in Hz) needed to compensate for
Doppler.
So by what I've read, both are right, in this case!

On Mon, 04 Dec 2000 12:50:23 GMT, TomR@astro.net wrote:

>On Sun, 03 Dec 2000 14:42:27 -0800, Bob Morehouse
><nobobmorespam@pacifier.com> wrote:
>
>>This relates to the what is considered the accepted practice for tuning
>>your vfo when on the satellites. Per an AMSAT book I got some years
>>ago, "How To Use The Amateur Radio Satellites", fifth edition, it
>>states:
>>
>>"Common practice during a satellite QSO is to slowly shift your transmit
>>frequency on the uplink as the Doppler effect changes the frequency of
>>your downlink signal. This will also prevent an inadvertant shift of
>>your conversation into someone else's."
>>
>>I was on FO-29 earlier today with a fellow back east who said you should
>>do it the other way around, adjust the reciever to stay on the
>>transmitted frequency. Has the previously accepted practice changed, or
>>is this fellow simply not informed on the way it should be done? As the
>>book said, it seems like you will eventually drift into another QSO, and
>>actually, you'll run out of passband to even have your own signal
>>downlinked.
>>
>>By the way, for those of you who have all-mode VHF/UHF gear who have
>>been hesitant to try any of the satellites just because you don't have
>>directional yagis on dual-axis rotators, I've been on AO-10, FO-20, and
>>FO-29 a number of times since early last month using vertical antennas.
>>FO-29 has had some real good signals, but hardly anyone has been on that
>>one. I have 2 meter/435 crossed yagis, but they need a quite a bit of
>>work.
>>
>>Bob, KB7ADO
>
> I have been into ao-27 and UO-14 with just an HT whip a telescoping
>whip. It's NOT easy but is do-able. Both are have HEAVY traffic on
>them. Got to get me that Arrow handheld beam though....
>
>Tom - KB2SMS

>

3226. Re: TNC for AO-40 telemetry

Newsgroup: rec.radio.amateur.space
Date: 2000-12-05 04:37:05 UTC
From: Graham Ranft <ranftg@interact.net.au>
Message-ID: <nf_W5.22$K7.402496@news.interact.net.au>
Source record: 7452

steve email me at below for more info . Thanks.

--
Graham in Canberra Australia

email: ranftg@interact.net.au
ICQ#46460960
web page: http://users.interact.net.au/~pran/index.htm now includes link to New Music Page

.
1stevec11@my-deja.com <1stevec11@my-deja.com> wrote in message
<90el6komv1@nnrp1.deja.com>...
>Can a KAM, MFJ 1278 or 1278B be made to copy AO-
>40 telemetry? I am looking to get a TNC to use on
>the satellites. Any suggestions?
>
>Steve
>
>
>Sent via Deja.com http://www.deja.com/
>Before you buy.

3227. Re: receiving from ISS/Shuttle?

Newsgroup: rec.radio.amateur.space
Date: 2000-12-05 07:34:18 UTC
From: SPAMnocoast@aol.com
Message-ID: <3a2c9a7a.457158539@netnews.worldnet.att.net>
Source record: 7453

Although I do go caving quite a bit 8-) I have never done Sarex or
ISS...

- Andrew

>You live in a cave Andrew or just got connected? :-)
>
>I was listening to the ISS on 143.625 last night. Strong and easy signal to
>hear and great conversation if you know Russian.
>
>Others have heard English occasionally but I haven't.
>
>Glenn
>
>"Andrew" <SPAMnocoast@aol.com> wrote in message
>news:3a2a952b.324707244@netnews.worldnet.att.net...
>> if anyone has not tried the free NASA J-Pass and J-Track web site try
>> them out here:
>>
>> http://liftoff.msfc.nasa.gov/RealTime/JPass/20/
>>
>> Question: Are there any easily received xmissions from ISS or shuttle
>> that can be received on a scanner or HT when passing overhead?
>>
>> Thanks,
>> Andrew, KA2KHD
>
>

3228. Telstra Paging Turned off

Newsgroup: rec.radio.amateur.space
Date: 2000-12-06 00:00:00 UTC
From: Andrew Rich <andrew.rich@bigpond.com>
Message-ID: <MwoX5.153303$e5.100053@newsfeeds.bigpond.com>
Source record: 7464

on dec 1st 2000 telstra turned off its final paging transmitter

3229. Re: AO-40 telemetry decoder

Newsgroup: rec.radio.amateur.space
Date: 2000-12-06 00:00:00 UTC
From: MCGWIER ROBERT <rwmcgwier@home.com>
Message-ID: <CTpX5.24025$w35.4000637@news1.rdc1.nj.home.com>
Source record: 7465

Go to that same site and download P3T.exe
in its P3T.zip program. This is all the wintel
program you are likely to need for a while.

Bob N4HY

"Greg D." <gregd@jps.net> wrote in message news:3A2167A2.5F45383B@jps.net...
> On the Amsat FTP site is a general telemetry decoder program
> for Windows (WinTel.exe). There are a number of templates for
> different satellite telemetry formats. AO-40 isn't one of them
> (yet).
>
> Has anyone created a .CFG file for AO-40? Alternatively, are
> there any telemetry decoders that run from a raw text log?
> I am using Nino's excellent AO-40 sound card-based "modem",
> and can see the ascii text clearly, but the rest of the
> data needs a decoder of some sort to read. The program logs
> all it sees to a txt file.
>
> Thanks,
>
> Greg.

3230. Re: AO40 Orbit

Newsgroup: rec.radio.amateur.space
Date: 2000-12-06 00:00:00 UTC
From: MCGWIER ROBERT <rwmcgwier@home.com>
Message-ID: <J_pX5.24031$w35.4001938@news1.rdc1.nj.home.com>
Source record: 7466

http://www.heavens-above.com

is indeed an impressive piece of work but it is
not the ideal source to check things. The elements
it uses are from NORAD, and grabbed blindly.

When using it to look at AO-40 for example I
noticed a serious error. It said that the bird was
in earth shadow (dashed line) when the subsat
point was in the light. This is not possible.
There are other anomalies but I won't list them
all. This is a site to have fun with and probably
not trusted completely.

Bob

"Elisa Meara" <wmeara@clix.pt> wrote in message
news:3A26355F.7A14@clix.pt...
> Robert Meyer wrote:
> >
> > Hi;
> > A few of us in sw ohio have conflicting positions of ao40.We are
> > using IT ,I have it now at 22:52z over the south atlantic nr equator.
> > Can someone confirm
> >
> > Thanks Bob W8DQ 11/26/00
>
> I've been checking my software by looking at the "Heavens Above" Web
> site:
>
> http://www.heavens-above.com
>
> I just look for A0-40, plug nin my coordintes and the site gives back
> some very useful graphics on sat position. Very reassuring.
> 73 Bill CU2JL N2CQR

3231. Re: AO-40 Software telemetry decoder

Newsgroup: rec.radio.amateur.space
Date: 2000-12-06 00:00:00 UTC
From: MCGWIER ROBERT <rwmcgwier@home.com>
Message-ID: <W1qX5.24032$w35.4002451@news1.rdc1.nj.home.com>
Source record: 7467

Thomas Sailer has done this on his web site

http://www.ife.ee.ethz.ch/~sailer/ham/soundmodem/

"Rob Janssen" <nomail@rob.knoware.nl> wrote in message
news:slrn923964.p31.nomail@linux.pe1chl.ampr.org...
> Jim Jerzycke <kq6ea@amsat.org> wrote:
> >Thanks, for asking him. Let me know if you need any help porting it.
> >Jim KQ6EA
>
> Well, I still did not get any reply. I have started writing it myself.
>
> (or in fact, I am converting an existing 56K program by SP9VRC to C)
>
> Rob
> --
> +--------------------------------+--------------------------------------+
> | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
> | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
> +--------------------------------+--------------------------------------+

3232. Re: SaudiSat 1A/B ??

Newsgroup: rec.radio.amateur.space
Date: 2000-12-06 00:00:00 UTC
From: frg9600 <frg9600@home.com>
Message-ID: <EsrX5.509783$i5.9265253@news1.frmt1.sfba.home.com>
Source record: 7468

SAUDISAT-1B
Uplink to be released
Downlink 436.775 MHz
Launched September 26, 2000 aboard a converted Soviet ballistic missile from the Baikonur Cosmodrome
Status: Commissioning stage, initial housekeeping tasks underway

SaudiSat-1B will operate as 9600 baud digital store-and-forward systems as well analog FM repeater mode capability. One of two new ham satellites from the Kingdom of Saudi Arabia built by the Space Research Institute at the King Abdulaziz City for Science and Technology.

From: "Turki Al-Saud" <talsaud@kacst.edu.sa>
To: <amsat-bb@AMSAT.Org>, <amsat-bod@AMSAT.Org>
Cc: <talsaud@kacst.edu.sa>
Subject: [amsat-bb:33530] SAUDISAT-1A,B
Date: Fri, 28 Jul 2000 17:23:01 +0300

Dear Gentlemen,

The first Amateur Radio Satellites from The Kingdom of Saudi Arabia are presently being built by the Space Research Institute at the King Abdulaziz City for Science and Technology in Riyadh. Tentatively set for launch August 25, 2000, these satellites will be capable of 9k6 digital store and forward operation (Packsat Broadcast Protocol compatible) as well as FM bent pipe mode.

These satellites will use the following downlink frequencies. Uplinks are in the VHF band and will be announced after commissioning.

SAUDISAT-1A SAUDISAT-1B
Downlink 437.075 436.775

Amateur Radio is in its infancy in Saudi Arabia. With these satellites we hope not only to add satellites to the space resources available to hams world wide, but to increase the awareness of the value of Amateur Radio in the Kingdom.

Dr. Turki Al Saud
Director, Space Research Institute.
King Abdulaziz City for Science and Technology.
Riyadh, Saudi Arabia.

Via the amsat-bb mailing list at AMSAT.ORG courtesy of AMSAT-NA.
To unsubscribe, send "unsubscribe amsat-bb" to Majordomo@amsat.org

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3233. Re: PC Track 3.0

Newsgroup: rec.radio.amateur.space
Date: 2000-12-06 00:00:00 UTC
From: Lawrence Harris <lawrence@itchycoo-park.freeserve.co.uk>
Message-ID: <gbas2tgkv8uibc3noddq0o5gfu0ngnbcl4@4ax.com>
Source record: 7469

On Tue, 5 Dec 2000 15:26:43 -0500, "FlyCaster" <NOSPAM-kenwells@kiva.net> wrote:

>Hi all,
>I have a copy of PC Track 3 and am trying to use it to track the new AO-40.
>I like its interface and display, but apparently it is not Y2K compliant.
>It is in error by quite a bit.
>
>Does anyone know of a patch or other correction for PC Track 3.
>Thanks

Hello Ken

Unfortunately you have picked the wrong program. The author has been out of
circulation for about 4 years (maybe he is no longer with us). There are many
other good programs - try David Taylor's freeware:

www.satsignal.net
Look for the 'software' link.

Lawrence Harris

3234. Re: AO-40 Software telemetry decoder

Newsgroup: rec.radio.amateur.space
Date: 2000-12-06 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn92sieu.mj.nomail@linux.pe1chl.ampr.org>
Source record: 7470

MCGWIER ROBERT <rwmcgwier@home.com> wrote:
>Thomas Sailer has done this on his web site

>http://www.ife.ee.ethz.ch/~sailer/ham/soundmodem/

>"Rob Janssen" <nomail@rob.knoware.nl> wrote in message
>news:slrn923964.p31.nomail@linux.pe1chl.ampr.org...
>> Jim Jerzycke <kq6ea@amsat.org> wrote:
>> >Thanks, for asking him. Let me know if you need any help porting it.
>> >Jim KQ6EA

>> Well, I still did not get any reply. I have started writing it myself.

>> (or in fact, I am converting an existing 56K program by SP9VRC to C)

Hi Bob,

Yes, he beat me to it. I am now using his program... mine is still
not finished and probably will not be, unless someone would claim that
SP9VRC's algorithm is better for demodulating.

There are, however, some minor problems with Thomas' demodulator:

- it requires very many auxiliary libraries. I had to go back to my
installation program 3 times to add more packages before it could be
compiled and run. I have never seen so many libraries listed by ldd...
it even uses an XML library! the packaged version requires the
very latest version of RPM, which most people won't have. as a whole,
it has a considerable installation hurdle

- when I compile it with MMX enabled, it does not work. CPU usage is
much less, but it never leaves "SYNC HUNT" state. (Intel P233MMX)

- there is 0.0 documentation. it looks like it was generated from a
standard framework that included some example documentation files,
but they are empty or contain only generic remarks

- it decodes packets, but only text. In the latest version there seems
to be an interface to the external world, but it again is undocumented.
I would like to send the output to P3T, but that expects a TCP
port to connect to, and this interface seems to be using UDP.

- the scrollbars in the data windows don't track the output, so one has
to drag them down using the mouse for every packet received.
I already do suffer from RSI...

- the version of the program on the site changes while the version number
and listed file sizes remain the same...

To avoid sounding too negative, there also are some advantages:

- it seems to be the best demodulator of the four I tried. it gives many CRC-OK results when the Italian and French programs have long lost sync. psk400.exe does not work at all here.

- it is open source

Unfortunately the whole thing is too complex to make quick fixes to obvious problems. So it will again require more time to study, and I already have spent way too much time at this...
(the downlinked info is pretty static, not that exciting to watch after the first couple of days)

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

3235. Re: P3D telemetery this afternoon? Can't find it.

Newsgroup: rec.radio.amateur.space
Date: 2000-12-06 00:00:00 UTC
From: dreinhart@iris.com
Message-ID: <90m3h9$q61$1@localhost.localdomain>
Source record: 7471

What's not true? That the power budget is tight or they turn off the V beacon while using other transmitters? The spacecraft certainly has less power available now with the solar panels still stored.

3236. Re: Help with P3T TCP/IP & IZ8BLY Phase3D Satellite Decoder

Newsgroup: rec.radio.amateur.space
Date: 2000-12-06 00:00:00 UTC
From: Alan Grove <zl70@dial.pipex.com>
Message-ID: <90m77n$2ip$1@lure.pipex.net>
Source record: 7472

Greg,

Thanks for that, it did the trick.

I had been using 127.0.0.1, as per IZ8BLY's instructions. Once I changed it to the machine name the P3T program responded with "Connect to: unknown server". At the same time IZ8BLY's program showed that it was "Connected to: 127.0.0.1".

The only snag is that at the present time AO-40 is somewhere over the Pacific Ocean. However, I have tested the setup with a wave file from AMSAT-F, and all appears to be working well. I shall try it for real tomorrow morning.

So thanks once again Greg, that has put an end to a frustrating situation.

Alan G8BJG

PS I have also tried it with KD3NC's PSK400 program, which is a simpler version of IZ8BLY's. This also seems to work ok.

3237. Re: P3D telemetery this afternoon? Can't find it.

Newsgroup: rec.radio.amateur.space
Date: 2000-12-06 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn92t801.rkh.nomail@linux.pe1chl.ampr.org>
Source record: 7473

dreinhart@iris.com <dreinhart@iris.com> wrote:

>What's not true? That the power budget is tight or they turn off the V
>beacon while using other transmitters? The spacecraft certainly has less
>power available now with the solar panels still stored.

Both are not true. The powerbudget is enough to support the beacon and the
magnetorquing, and they don't turn off the V beacon while the S beacon is
on. The mode S period has even been extended.

Of course there is less power in spin mode, but remember the high powered
transponders and the ATOS engine are off. And so are many other
experiments. It seems CEDEX is the only "hungry" experiment running.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

3238. Fod Track up and running!

Newsgroup: rec.radio.amateur.space
Date: 2000-12-06 00:00:00 UTC
From: Gerry <ka1stz@yahoo.com>
Message-ID: <t2tuoq16ull3a8@corp.supernews.com>
Source record: 7474

Well I got my two Fod Track boards running tonight. Finished assembly 3 nights ago, but they didn't work initially. Debugged the last couple of nights and got it solved tonight! So far I have just used the Fod track program, and I need to finish calibration, but they work! I am psyched! :)

Anyone else got theirs working?

-Gerry KA1STZ

3239. SaudiSat 1A/B ??

Newsgroup: rec.radio.amateur.space
Date: 2000-12-06 01:05:03 UTC
From: KF4LAT <kf4lat@hotmail.com>
Message-ID: <3hgX5.1581$Bd5.133966@ratbert.tds.net>
Source record: 7462

Does anyone have any information about SaudiSat 1A & 1B. I know that they are for amateur use and they were put up by Saudi Arabia, but nothing more, like frequencies, modes, etc. Amsat doesn't have much on them either. Are they good, or did they go astray and died out there??

Alex

3240. Re: SatTrack Compilation Errors

Newsgroup: rec.radio.amateur.space
Date: 2000-12-06 01:44:57 UTC
From: Ed Bacon <ed-bacon@mediaone.net>
Message-ID: <3A2EEBBF.4557BA2D@mediaone.net>
Source record: 7463

Jim Jerzycke wrote:

> Hi, again. Well, I was able to find 3.1.6, and I edited the Makefile as
> suggested by Rob, PE1CHL. Now, however, I get the following errors, and
> gcc exits.
> I get "In function 'main' return type of 'main' is not 'int'". This
> happens in each of the sections it tries to compile.
> Then towards the end I get in "CheckKeyboard" that 'TCGETS' and 'TCSETS'
> are undeclared.
> I looked in the sections, and I see where 'main' is, but I'm totally
> lost here, and don't know what to change/edit.
> TIA, Jim KQ6EA

Jim,

Did you get the answer to your question? I played with the Makefile until my fingers bled and couldn't get that thing to compile. Finally, I dusted the cobwebs out of the programming part of my brain and did some digging. Here are my changes to get SatTrack compiled under Slackware 7.1. My Makefile is attached, too.

Ed Bacon
KC8KLB

```
47c47
< #include <sys/types.h>
---
> #include <asm/types.h>
52c52
< #include <sys/termio.h>
---
> #include <asm/termio.h>
54c54
< #include <sys/termios.h>
---
> #include <asm/termios.h>
58c58
< #include <sys/ioctl.h>
---
> #include <asm/ioctls.h>

#-----------------------------------------------------------------------------
#
# Makefile for HOME/SatTrack/src
#
# Author: Manfred Bester
```

```
# Version: V3.1 (3.1.1 patch)
# Started: 12Feb92
# Last change: 15Aug95
#
#
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# UPDATES, ENHANCEMENTS, OR MODIFICATIONS.
#
#-------------------------------------------------------------------------
#
# MACHINE CONFIGURATION (TO BE SELECTED BY THE USER)
#
#
# The four lines with 'CPU', 'CC_CMACH', 'CC_LMACH', and 'CC' need to be
# activated for a particular machine on which the code will be compiled and
# linked. 'CPU' is used only to tell at link time what machine is selected.
#
# If the Gnu C compiler is not available, set 'CC to 'cc' instead of 'gcc'.
# For a very rigorous compilation the flags '-Wconversion' and '-Wall' can be
# added to the 'CC_CMACH' line when using 'gcc'.
#
# The flag 'STDLIB' is used to NOT include 'stdlib.h' explicitly, because in
# some systems like SunOS 4.x.x 'stdlib.h' is included already somewhere else
# by default. Be aware that there are three different configurations for these
# five lines for Sun SPARCstations, especially when using 'gcc'! If this is
# not set up correctly, the 'atof' function will not work right.
#
```

```
# The flag 'TIME' is used to NOT include 'time.h' on a Sun-3 with SunOS 4.x.x.
#
# The flag 'TERMIO' is needed on IBM RS-6000's and HP Apollo 9000 Series 700's
# in order to include 'termio.h' instead of 'termios.h'.
#
# The flag 'HPTERM' is used to include the cursor control sequences for an
# HP terminal as opposed to a VT100 type terminal.
#
# If SatTrack is compiled under FreeBSD, the flag 'FREEBSD' needs to be set.
# In this case 'IOCTL' needs to be included as well in order to add
# 'sys/ioctl.h'. The latter is also true for the compilation on DEC machines.
#
# For the X Window system (X11R5 or X11R6) a few more line needs to be
# configured properly (see below in the following two sections).
#

# Sun-3 (Sun 3/80 with SunOS 4.x.x)
#
#CPU = Sun-3/SunOS
#CC_CMACH = -f68881 -O -DSTDLIB -DTIME
#CC_LMACH = -f68881
#CC = cc

# Sun-4 (SPARCstation IPC or 10 with SunOS 4.x.x, using 'cc' or 'gcc')
#
#CPU = Sun-4/SunOS
#CC_CMACH = -O3 -DSTDLIB
#CC_LMACH =
#CC = gcc

# Sun-4 (SPARCstation 5 or 10 with Solaris 2.x, using 'cc' only)
#
#CPU = Sun-4/Solaris
#CC_CMACH = -O3 -DSTDLIB -DSVR4
#CC_LMACH =
#CC = cc

# Sun-4 (SPARCstation 5 or 10 with Solaris 2.x, using 'gcc' only)
#
CPU = Sun-4/Solaris
CC_CMACH = -O3 -DSVR4 -Wall
CC_LMACH =
CC = gcc

# Apollo 700 (HP Apollo 9000 Series 700 with HPUX)
#
#CPU = HP9000-S700/HPUX
#CC_CMACH = -O -DTERMIO -DHPUX -DHPTERM
#CC_LMACH = -lBSD
#CC = gcc
```

```
# RS-6000 (IBM RS-6000 with AIX)
#
#CPU = IBM-RS6000/AIX
#CC_CMACH = -O -DSTDLIB -DTERMIO
#CC_LMACH =
#CC = bsdcc

# DEC 4000/710 (DEC 4000/710 with AXP/OSF (OSF/1 V3.0)) ('cc' or 'gcc')
#
#CPU = DEC4000/AXPOSF
#CC_CMACH = -O3 -DIOCTL
#CC_LMACH =
#CC = gcc

# Indigo 2 (SGI Indigo 2 with IRIX 5.3, using 'cc' only)
#
#CPU = SGI-Indigo/IRIX
#CC_CMACH = -O -D_BSD_SIGNALS -DTERMIO
#CC_LMACH =
#CC = cc

# i386 (i386 with Linux)
#
#CPU = i386/Linux
#CC_CMACH = -O
#CC_LMACH =
#CC = gcc

# i486 (i486 with Linux)
#
CPU = i486/Linux
CC_CMACH = -O2 -m486
CC_LMACH =
CC = gcc

# i386 (i386 with NetBSD)
#
#CPU = i386/NetBSD
#CC_CMACH = -O
#CC_LMACH =
#CC = gcc

# i386 (i386 with FreeBSD)
#
#CPU = i386/FreeBSD
#CC_CMACH = -O -DFREEBSD -DIOCTL
#CC_LMACH =
#CC = gcc

#
#--------------------------------------------------------------------------------
#
# OTHER COMPILER FLAGS (TO BE CONFIGURED BY THE USER)
```

```
#
#
# HOMEDIR uses environment variable HOME to create directory names
# (if undefined the variable SATDIR in 'sattrack.h' is used)
# (also see below!)
#
# SUNTRANSITS allows calculation of satellite transits in front of the Sun
# (this does not affect the batch mode for transits)
#
# REVERSEVIDEO allows display of reverse video and underline characters
# (if undefined, normal video is used always instead)
#
# NOBEEP allows the beep (bell) character to be suppressed
#
# VISIBPASSES predicts only those passes in the short prediction table of
# satellites that are visible. If '-DVISIBPASSES' is not
# included, also daytime passes will be predicted. The columns
# in the predictions tables are optimized for either visible
# observations or radio communications.
#
# XWINDOW For using the X Window graphics display this flag needs to be
# included. If the X Window system (X11R5 or X11R6) is not
# installed, or if the graphics display is not to be used, the
# option '-DXWINDOW' has to be deleted. If this flag is included
# the user needs to make sure that the location of the X11
# directory with the X11 header files is set properly in the
# include option (see below in the section 'COMBINED COMPILER
# AND LINKER OPTIONS').
#

#CC_CUSR = -DHOMEDIR -DREVERSEVIDEO -DSUNTRANSITS -DXWINDOW -DNOBEEP
#CC_CUSR = -DHOMEDIR -DREVERSEVIDEO -DVISIBPASSES -DXWINDOW
#CC_CUSR = -DHOMEDIR -DREVERSEVIDEO
#CC_CUSR = -DREVERSEVIDEO -DXWINDOW
#CC_CUSR = -DHOMEDIR -DREVERSEVIDEO -DXWINDOW

CC_CUSR = -DREVERSEVIDEO -DSUNTRANSITS -DXWINDOW

#
#-------------------------------------------------------------------------
#
# HOME DIRECTORY (TO BE CONFIGURED BY THE USER)
#
# If SatTrack is not to be installed under $HOME (which is the default), then
# HOME needs to be changed to where SatTrack is installed. The same change
# needs to made to the shell scripts 'gettle' and 'getsts' in 'SatTrack/run',
# and also to SATDIR in 'sattrack.h'. Do not forget to remove the comment sign
# in front of 'HOME' below.
#
# This is also the case if SatTrack is installed in someone's home directory,
# but should be accessible by other users as well.
```

```
#

HOME = /usr/local

#
#-------------------------------------------------------------------------------
#
# SATTRACK SUB-DIRECTORIES
#

SRC = $(HOME)/SatTrack/src
OBJ = $(HOME)/SatTrack/obj
RUN = $(HOME)/SatTrack/run

INC = $(SRC)/include

AMSAT = $(SRC)/makeamsat
FXCHK = $(SRC)/fixchecksum
MPASS = $(SRC)/makepassesx
MTLES = $(SRC)/maketles
MTLEX = $(SRC)/maketlex
SATFL = $(SRC)/satfilter
SATTR = $(SRC)/sattrack
XDEMO = $(SRC)/xdemo

#
#-------------------------------------------------------------------------------
#
# ISI CONFIGURATION (ONLY USED WITH THE ISI TELESCOPE SYSTEM)
#
# For controlling the ISI telescopes, the following lines need to be included.
# Otherwise the empty lines ISICOMM_INC, ISICOMM_OBJ and CC_CISI have to be
# activated. The flag '-DISI' defines 'ISI' which is used to include special
# code to control the telescopes via remote procedure calls.
#

#ISISOFT = /usr1/isisoft
#ISIOBJ = $(ISISOFT)/obj/Object
#ISIINC = $(ISISOFT)/src/VxSource/include

#ISICOMM_INC = $(ISIINC)/globalserver.h $(ISIINC)/trackconserver.h

#ISICOMM_OBJ = $(ISIOBJ)/globalserver_clnt.o $(ISIOBJ)/globalserver_xdr.o \
# $(ISIOBJ)/globals_c.o \
# $(ISIOBJ)/trackconserver_clnt.o $(ISIOBJ)/trackcon_c.o

#CC_CISI = -DISI

ISICOMM_INC =
ISICOMM_OBJ =
CC_CISI =

#
#-------------------------------------------------------------------------------
```

```
#
# COMBINED COMPILER AND LINKER OPTIONS
#
# 'X11' is the location of the X11 sub-directory with the X11 header files.
# The installation of X11R5 or X11R6 may be different in that respect between
# machines. One of the following first three lines is used in the shown order
# on isi7, isi8, and isi9, respectively. The user may need to add another line
# and activate that for a particular machine, depending upon where X11 is
# installed.
#
# If X11R6 is installed, the linker also needs '-lICE -lSM' (activate the
# second line for 'LX11' instead of the first one).
#
# If XWINDOW is undefined above, the two empty lines for 'CC_CXINC" and
# 'CC_LXINC' have to be activated and the other two lines have to be commented
# out.
#

#X11 = /usr/include
#X11 = /usr/local/include
#X11 = /usr/include/X11
X11 = /usr/X11/include

#LX11 = -lX11 -lXt # X11R5
#LX11 = -L/usr/X11/lib -lX11 -lXt

#LX11 = -lX11 -lXt -lICE -lSM # X11R6
LX11 = -L/usr/X11/lib -lX11 -lXt -lICE -lSM

#CC_CXINC =
CC_CXINC = -I$(X11)

#CC_LXINC =
CC_LXINC = $(LX11)

CC_CINC = -I$(INC)
CC_LINC =

CC_CGEN = -c
CC_LGEN = -lm

CC_COPT = $(CC_CMACH) $(CC_CGEN) $(CC_CUSR) $(CC_CISI) $(CC_CINC)
CC_LOPT = $(CC_LGEN) $(CC_LMACH) $(CC_LINC)

#
#-------------------------------------------------------------------------------
#

all: fixchecksum makeamsat makepassesx maketles maketlex satfilter \
sattrack xdemo

clean:
cd $(OBJ) ; \
/bin/rm -f *.o ; \
```

```
cd $(RUN) ; \
/bin/rm -f fixchecksum makeamsat makepassesx maketles maketlex \
satfilter sattrack xdemo

#
#------------------------------------------------------------------------------
#
fixchecksum_OBJ = $(OBJ)/fixchecksum.o

fixchecksum: $(RUN)/fixchecksum ;
$(RUN)/fixchecksum: $(fixchecksum_OBJ) \
$(INC)/sattrack.h $(INC)/hpterm.h $(INC)/vt100.h
@echo linking $@ for a $(CPU) ...
@$(CC) $(fixchecksum_OBJ) $(CC_LOPT) -o $@
#
#------------------------------------------------------------------------------
#
makeamsat_OBJ = $(OBJ)/makeamsat.o

makeamsat: $(RUN)/makeamsat ;
$(RUN)/makeamsat: $(makeamsat_OBJ) \
$(INC)/sattrack.h $(INC)/hpterm.h $(INC)/vt100.h
@echo linking $@ for a $(CPU) ...
@$(CC) $(makeamsat_OBJ) $(CC_LOPT) -o $@
#
#------------------------------------------------------------------------------
#
makepassesx_OBJ = $(OBJ)/makepassesx.o

makepassesx: $(RUN)/makepassesx ;
$(RUN)/makepassesx: $(makepassesx_OBJ) \
$(INC)/sattrack.h $(INC)/hpterm.h $(INC)/vt100.h
@echo linking $@ for a $(CPU) ...
@$(CC) $(makepassesx_OBJ) $(CC_LOPT) -o $@
#
#------------------------------------------------------------------------------
#
maketles_OBJ = $(OBJ)/maketles.o

maketles: $(RUN)/maketles ;
$(RUN)/maketles: $(maketles_OBJ) \
$(INC)/sattrack.h $(INC)/hpterm.h $(INC)/vt100.h
@echo linking $@ for a $(CPU) ...
@$(CC) $(maketles_OBJ) $(CC_LOPT) -o $@
#
#------------------------------------------------------------------------------
#
maketlex_OBJ = $(OBJ)/maketlex.o

maketlex: $(RUN)/maketlex ;
$(RUN)/maketlex: $(maketlex_OBJ) \
$(INC)/sattrack.h $(INC)/hpterm.h $(INC)/vt100.h
```

```
@echo linking $@ for a $(CPU) ...
@$(CC) $(maketlex_OBJ) $(CC_LOPT) -o $@
#
#-------------------------------------------------------------------------------
#
satfilter_OBJ = $(OBJ)/satfilter.o

satfilter: $(RUN)/satfilter ;
$(RUN)/satfilter: $(satfilter_OBJ) \
$(INC)/sattrack.h $(INC)/hpterm.h $(INC)/vt100.h
@echo linking $@ for a $(CPU) ...
@$(CC) $(satfilter_OBJ) $(CC_LOPT) -o $@
#
#-------------------------------------------------------------------------------
#
sattrack_OBJ = $(OBJ)/satargs.o $(OBJ)/satcalc.o $(OBJ)/satchar.o \
$(OBJ)/satcity.o $(OBJ)/satctrl.o $(OBJ)/satdisp.o $(OBJ)/satelem.o \
$(OBJ)/satgraph.o $(OBJ)/satheli.o $(OBJ)/satlice.o $(OBJ)/satmath.o \
$(OBJ)/satnute.o $(OBJ)/satprec.o $(OBJ)/satprop.o $(OBJ)/satread.o \
$(OBJ)/satrefr.o $(OBJ)/sattele.o $(OBJ)/sattest.o $(OBJ)/sattime.o \
$(OBJ)/sattrack.o $(OBJ)/satvect.o

sattrack: $(RUN)/sattrack ;
$(RUN)/sattrack: $(sattrack_OBJ) $(ISICOMM_OBJ) \
$(INC)/sattrack.h $(INC)/satglobals.h $(INC)/satglobalsp.h \
$(INC)/satglobalsx.h $(INC)/satglobalspx.h $(INC)/satprop.h \
$(INC)/satstrings.h $(INC)/hpterm.h $(INC)/vt100.h $(ISICOMM_INC)
@echo linking $@ for a $(CPU) ...
@$(CC) $(sattrack_OBJ) $(ISICOMM_OBJ) $(CC_LOPT) $(CC_LXINC) -o $@
#
#-------------------------------------------------------------------------------
#
xdemo_OBJ = $(OBJ)/xdemo.o $(OBJ)/satvect.o

xdemo: $(RUN)/xdemo ;
$(RUN)/xdemo: $(xdemo_OBJ) \
$(INC)/sattrack.h $(INC)/satstrings.h \
$(INC)/shuttle.h $(INC)/mir.h $(INC)/world.xbm
@echo linking $@ for a $(CPU) ...
@$(CC) $(xdemo_OBJ) $(CC_LOPT) $(CC_LXINC) -o $@
#
#-------------------------------------------------------------------------------
#

$(OBJ)/fixchecksum.o: $(FXCHK)/fixchecksum.c \
$(INC)/sattrack.h $(INC)/hpterm.h $(INC)/vt100.h ;
@echo compiling $@ ...
@$(CC) $(CC_COPT) $(FXCHK)/fixchecksum.c -o $@

$(OBJ)/makeamsat.o: $(AMSAT)/makeamsat.c \
$(INC)/sattrack.h $(INC)/hpterm.h $(INC)/vt100.h ;
@echo compiling $@ ...
```

```
@$(CC) $(CC_COPT) $(AMSAT)/makeamsat.c -o $@

$(OBJ)/makepassesx.o: $(MPASS)/makepassesx.c \
$(INC)/sattrack.h $(INC)/hpterm.h $(INC)/vt100.h ;
@echo compiling $@ ...
@$(CC) $(CC_COPT) $(MPASS)/makepassesx.c -o $@

$(OBJ)/maketles.o: $(MTLES)/maketles.c \
$(INC)/sattrack.h $(INC)/hpterm.h $(INC)/vt100.h ;
@echo compiling $@ ...
@$(CC) $(CC_COPT) $(MTLES)/maketles.c -o $@

$(OBJ)/maketlex.o: $(MTLEX)/maketlex.c \
$(INC)/sattrack.h $(INC)/hpterm.h $(INC)/vt100.h ;
@echo compiling $@ ...
@$(CC) $(CC_COPT) $(MTLEX)/maketlex.c -o $@

$(OBJ)/satargs.o: $(SATTR)/satargs.c \
$(INC)/sattrack.h $(INC)/satglobalsx.h ;
@echo compiling $@ ...
@$(CC) $(CC_COPT) $(SATTR)/satargs.c -o $@

$(OBJ)/satcalc.o: $(SATTR)/satcalc.c \
$(INC)/sattrack.h $(INC)/satglobalsx.h ;
@echo compiling $@ ...
@$(CC) $(CC_COPT) $(SATTR)/satcalc.c -o $@

$(OBJ)/satchar.o: $(SATTR)/satchar.c \
$(INC)/sattrack.h $(INC)/satglobalsx.h ;
@echo compiling $@ ...
@$(CC) $(CC_COPT) $(SATTR)/satchar.c -o $@

$(OBJ)/satcity.o: $(SATTR)/satcity.c \
$(INC)/sattrack.h $(INC)/satglobalsx.h ;
@echo compiling $@ ...
@$(CC) $(CC_COPT) $(SATTR)/satcity.c -o $@

$(OBJ)/satctrl.o: $(SATTR)/satctrl.c \
$(INC)/sattrack.h $(INC)/satglobalsx.h ;
@echo compiling $@ ...
@$(CC) $(CC_COPT) $(SATTR)/satctrl.c -o $@

$(OBJ)/satdisp.o: $(SATTR)/satdisp.c \
$(INC)/sattrack.h $(INC)/satglobalsx.h \
$(INC)/hpterm.h $(INC)/vt100.h ;
@echo compiling $@ ...
@$(CC) $(CC_COPT) $(SATTR)/satdisp.c -o $@

$(OBJ)/satelem.o: $(SATTR)/satelem.c \
$(INC)/sattrack.h $(INC)/satglobalsx.h \
$(INC)/hpterm.h $(INC)/vt100.h ;
@echo compiling $@ ...
@$(CC) $(CC_COPT) $(SATTR)/satelem.c -o $@
```

```
$(OBJ)/satfilter.o: $(SATFL)/satfilter.c \
$(INC)/sattrack.h $(INC)/hpterm.h $(INC)/vt100.h ;
@echo compiling $@ ...
@$(CC) $(CC_COPT) $(SATFL)/satfilter.c -o $@

$(OBJ)/satgraph.o: $(SATTR)/satgraph.c \
$(INC)/sattrack.h $(INC)/satglobalsx.h $(INC)/satstrings.h \
$(INC)/shuttle.h $(INC)/mir.h $(INC)/world.xbm ;
@echo compiling $@ ...
@$(CC) $(CC_COPT) $(SATTR)/satgraph.c $(CC_CXINC) -o $@

$(OBJ)/satheli.o: $(SATTR)/satheli.c \
$(INC)/sattrack.h $(INC)/satglobalsx.h ;
@echo compiling $@ ...
@$(CC) $(CC_COPT) $(SATTR)/satheli.c -o $@

$(OBJ)/satlice.o: $(SATTR)/satlice.c \
$(INC)/sattrack.h $(INC)/satglobalsx.h ;
@echo compiling $@ ...
@$(CC) $(CC_COPT) $(SATTR)/satlice.c -o $@

$(OBJ)/satmath.o: $(SATTR)/satmath.c \
$(INC)/sattrack.h ;
@echo compiling $@ ...
@$(CC) $(CC_COPT) $(SATTR)/satmath.c -o $@

$(OBJ)/satnute.o: $(SATTR)/satnute.c \
$(INC)/sattrack.h $(INC)/satglobalsx.h ;
@echo compiling $@ ...
@$(CC) $(CC_COPT) $(SATTR)/satnute.c -o $@

$(OBJ)/satprec.o: $(SATTR)/satprec.c \
$(INC)/sattrack.h $(INC)/satglobalsx.h ;
@echo compiling $@ ...
@$(CC) $(CC_COPT) $(SATTR)/satprec.c -o $@

$(OBJ)/satprop.o: $(SATTR)/satprop.c \
$(INC)/sattrack.h $(INC)/satglobalsx.h \
$(INC)/satglobalspx.h $(INC)/satprop.h ;
@echo compiling $@ ...
@$(CC) $(CC_COPT) $(SATTR)/satprop.c -o $@

$(OBJ)/satread.o: $(SATTR)/satread.c \
$(INC)/sattrack.h $(INC)/satglobalsx.h \
$(INC)/hpterm.h $(INC)/vt100.h ;
@echo compiling $@ ...
@$(CC) $(CC_COPT) $(SATTR)/satread.c -o $@

$(OBJ)/satrefr.o: $(SATTR)/satrefr.c \
$(INC)/sattrack.h $(INC)/satglobalsx.h ;
@echo compiling $@ ...
@$(CC) $(CC_COPT) $(SATTR)/satrefr.c -o $@
```

```
$(OBJ)/sattele.o: $(SATTR)/sattele.c \
$(INC)/sattrack.h $(INC)/satglobalsx.h $(ISICOMM_INC) ;
@echo compiling $@ ...
@$(CC) $(CC_COPT) $(SATTR)/sattele.c -o $@

$(OBJ)/sattest.o: $(SATTR)/sattest.c \
$(INC)/sattrack.h $(INC)/satglobalsx.h ;
@echo compiling $@ ...
@$(CC) $(CC_COPT) $(SATTR)/sattest.c -o $@

$(OBJ)/sattime.o: $(SATTR)/sattime.c \
$(INC)/sattrack.h $(INC)/satglobalsx.h ;
@echo compiling $@ ...
@$(CC) $(CC_COPT) $(SATTR)/sattime.c -o $@

$(OBJ)/sattrack.o: $(SATTR)/sattrack.c \
$(INC)/sattrack.h $(INC)/satglobals.h $(INC)/satglobalsp.h \
$(INC)/satglobalsx.h $(INC)/satglobalspx.h $(INC)/satprop.h \
$(INC)/satstrings.h $(INC)/hpterm.h $(INC)/vt100.h ;
@echo compiling $@ ...
@$(CC) $(CC_COPT) $(SATTR)/sattrack.c -o $@

$(OBJ)/satvect.o: $(SATTR)/satvect.c \
$(INC)/sattrack.h $(INC)/satglobalsx.h ;
@echo compiling $@ ...
@$(CC) $(CC_COPT) $(SATTR)/satvect.c -o $@

$(OBJ)/xdemo.o: $(XDEMO)/xdemo.c \
$(INC)/sattrack.h $(INC)/satstrings.h \
$(INC)/shuttle.h $(INC)/mir.h $(INC)/world.xbm ;
@echo compiling $@ ...
@$(CC) $(CC_COPT) $(XDEMO)/xdemo.c $(CC_CXINC) -o $@

#-------------------------------------------------------------------------------
```

3241. Re: DSP-2232 New Modems???

Newsgroup: rec.radio.amateur.space
Date: 2000-12-07 00:00:00 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn92umhr.rkh.nomail@linux.pe1chl.ampr.org>
Source record: 7477

Rob Kling <rkling@home.com> wrote:
>I think Rob is correct in that it should be easy to build a device capable
>of the same things as the DSP2232. It seems that he overlooked one very
>important thing "KISS". The computer industry is moving to appliance type
>devices not devices that need a full blown OS and special drivers to run. I

My impression is that in the PC world they are moving exactly the opposite
way. Away from "intelligent" devices like external modems, printers with a
well-defined interface, SCSI peripherals that operate by themselves and
communicate over a standardized bus.
More towards "dumb" devices that are controlled by software running on
the main processor: winmodems, winprinters, IDE peripherals.

And for a good reason: main processor "power" is available in excess,
and it is cheap. Control software runs in RAM and can be easily updated.

>like the stand-alone, dumb terminal interface of the DSP2232, this is what
>makes it a TNC. I have had my DSP2232 on DOS, Win 31, Win95, Win2000 and
>Linux. In fact it is the only device that has lasted through all the
>upgrades. It works very well, even with its old technology. I think he is

Of course that is a disadvantage of dumb devices. They require driver
support, and every upgrade or move to another OS is a risk. But it looks
like the de-facto monopoly situation on OSes provides a stable enough
basis for devices like this to sell.
(at least to those who only care about purchase price and not so much
about technical merit)

>correct in the fact that the DSP2232 needs a "Millennium Update", new
>modems, audio filtering etc but the basic concept should be maintained.
>Manufacturers need to make more devices that are stand-alone and that can be
>interfaced in a standard way. Serial is simple and fast enough for most
>needs, if not then USB certainly is. I think ICOM has the best approach, a
>bus that you can attach several devices to. Imagine you just get a new radio
>you attach it to your network of radio stuff and it is completely
>integrated. Your software knows about it and so do all the other devices.
>You could do this with a TNC, a rotor, GPS unit etc. That is a real step
>forward, whether it uses a Z80 processor means nothing. After many years
>programming computers I have realized that all bytes have 8 bits.

It was not me but the manufacturer of the DSP2232 who claimed that its
parts were obsolete. This is of course a problem when you want to run
a production batch.
My suggestion was to have a USB interfaced box. This needs some CPU
to be able to function (that is how USB works). It of course also would
need the DSP, or else it would not be a product (it would be like a

USB sounddevice with a rigblaster).
To have all the other "intelligent" features in it will just drive up the price. It will only be bought by those that perfer SCSI over IDE, or an oldfashioned external modem over a winmodem. Sure there is a technical advantage, but most people will not like the price.

The ICOM CI-V bus is nice, but it is only usable for control. It cannot be the interface between a transceiver and DSP box the way it is done now. But of course it would be possible to use that same bus to control a rotor or readout a GPS. I don't know why rotor control boxes don't use CI-V, maybe because they happen to be made not by ICOM but by another manufacturer.
GPS receivers of course have their own standard, being sold primarily outside the amateur radio world.

The idea of having one universal bus that is used by many different industries and markets is appealing, but the computer industry is deliberatly moving around that target. They could have adopted TP Ethernet for the purpose that USB is now serving, and they didn't. An Ethernet interface was already available on or for most systems at the time USB was invented, and apparently that is not what they want. Other USB-like interfaces have existed before (e.g. HP-IL). Still, a new standard was defined and it will probably be replaced by something else in due time. It looks like they don't like you to gradually build up a system and seamlessly integrate a new box with stuff you've had for 10 years.

Rob
--
+---------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+---------------------------------+--------------------------------------+

3242. Re: Fod Track up and running!

Newsgroup: rec.radio.amateur.space
Date: 2000-12-07 00:00:00 UTC
From: Gerry <ka1stz@yahoo.com>
Message-ID: <t2us7u1tu00aa0@corp.supernews.com>
Source record: 7478

It's a tracking interface to go between a computer and az/el rotor. Then,
by running a software program the antennas will track an orbiting object
automatically. KA3HSW organized a group board buy here over the
ummer. -Gerry

"Dennis Kaylor" <k4oxg@earthlink.net> wrote in message
news:3A2F1629.30CE2233@earthlink.net...
> hey gerry
> could you give me info on what you just built i have never heard of it i
am
> internsted
> thanks
>
> Gerry wrote:
>
> > Well I got my two Fod Track boards running tonight. Finished assembly 3
> > nights ago, but they didn't work initially. Debugged the last couple of
> > nights and got it solved tonight! So far I have just used the Fod track
> > program, and I need to finish calibration, but they work! I am psyched!
:)
> >
> > Anyone else got theirs working?
> >
> > -Gerry KA1STZ
>

3243. Re: DSP-2232 New Modems???

Newsgroup: rec.radio.amateur.space
Date: 2000-12-07 00:00:00 UTC
From: None@dontevntry.oro
Message-ID: <90o2bt$3mv$1@news.uky.edu>
Source record: 7479

In article <slrn92umhr.rkh.nomail@linux.pe1chl.ampr.org>,
nomail@rob.knoware.nl says...
>snip
>My impression is that in the PC world they are moving exactly the opposite
>way. Away from "intelligent" devices like external modems, printers with a
>well-defined interface, SCSI peripherals that operate by themselves and
>communicate over a standardized bus.
>More towards "dumb" devices that are controlled by software running on
>the main processor: winmodems, winprinters, IDE peripherals.
snip
IDE drives have a "whole bunch of smarts" when comapred to the first
MFM 5&10 meg hard drives.
Or the better modems (no wincrap) have rather powerfull CPUs and can be
"flash" upgraded. My old 28.8 Supra could be flashed to (I think) 33.?.
A friend (who worked at IBM) commented that "no one realized just how fast
small CPUs would get cheaper and smarter. These days my MS "Natural" keyboard
has its own CPU, My Video board has an on board CPU, as does my modem,
and my Ensoniq "Soundscape" has a power CPU/DSP chip set(that no one bothered
to write code for). And not all printers have gone toward the brains in the
PC. My wifes new HP has the smarts in the printer. Oh, and her scaner even has
it's own CPU and we are trying to decide if we want to "flash" it "OS".
After all it works great, and I have had several "flashes" fail. I think the
higher end "add ons" are much more likely to have "smarts" onboard while the
el-cheapo stuff lets the PC take the load. Like always, you get what you pay
for.
One comment, both USB and "fire wire" can really hog PC CPU clock cycles.
I have a "Matel/Intel" USB microscope that kills a friend HP Pavilion
when you plug it in. But on my system, a "no name" homebrew it has almost no
effect.

3244. Re: DSP-2232 New Modems???

Newsgroup: rec.radio.amateur.space
Date: 2000-12-07 00:00:00 UTC
From: Rob Kling <rkling@home.com>
Message-ID: <9pNX5.136360$hD4.33842677@news1.rdc1.mi.home.com>
Source record: 7480

You have to ask yourself one question? If all devices had an onboard computer how important would an OS be? Now ask why did Microsoft pump tons of money into IE? Why did Microsoft develop its own PDA OS? The major players in the OS market DO NOT want smart devices or programs that are OS independant! They want devices that they control the lifespan of. For instance, a winmodem is only good while it is supported and the OS is maintained. Compare that to an external modem that will be around as long as we have serial ports and those days are numbered. I saw the first computer without one the other day at a computer show, that one had USB only. It's the 3 M's Microsoft, Monopoly and Money!

About appliance devices, look at Sony they have a long history of providing appliance type devices for professionals and home users. People buy them! They do not buy the device then the software to run on it, there is no required upgrade, they just work!

Imagine what there would be if we had better standards that made the OS a commodity, like orange juice. Now imagine an industry without M$. I think the consumer would be better off in some ways. They would focus on the tasks that they bought the computer for instead of how to deal with GPF's and constant upgrades.

I have covered a lot of ground that takes us away from the DSP2232.

Rob Kling

I am waiting for a manufacturer to place DSP2232 like hardware inside of a radio!

Joke: I hear the Gates people have a new OS for the Floridian voters to use at the poles .
When it fails, it dimples all your chads and gives a general election fault .

"Rob Janssen" <nomail@rob.knoware.nl> wrote in message news:slrn92umhr.rkh.nomail@linux.pe1chl.ampr.org...
> Rob Kling <rkling@home.com> wrote:
> >I think Rob is correct in that it should be easy to build a device capable
> >of the same things as the DSP2232. It seems that he overlooked one very
> >important thing "KISS". The computer industry is moving to appliance type
> >devices not devices that need a full blown OS and special drivers to run. I
>
> My impression is that in the PC world they are moving exactly the opposite
> way. Away from "intelligent" devices like external modems, printers with

a
> well-defined interface, SCSI peripherals that operate by themselves and
> communicate over a standardized bus.
> More towards "dumb" devices that are controlled by software running on
> the main processor: winmodems, winprinters, IDE peripherals.
>
> And for a good reason: main processor "power" is available in excess,
> and it is cheap. Control software runs in RAM and can be easily updated.
>
> >like the stand-alone, dumb terminal interface of the DSP2232, this is
what
> >makes it a TNC. I have had my DSP2232 on DOS, Win 31, Win95, Win2000 and
> >Linux. In fact it is the only device that has lasted through all the
> >upgrades. It works very well, even with its old technology. I think he
is
>
> Of course that is a disadvantage of dumb devices. They require driver
> support, and every upgrade or move to another OS is a risk. But it looks
> like the de-facto monopoly situation on OSes provides a stable enough
> basis for devices like this to sell.
> (at least to those who only care about purchase price and not so much
> about technical merit)
>
> >correct in the fact that the DSP2232 needs a "Millennium Update", new
> >modems, audio filtering etc but the basic concept should be maintained.
> >Manufacturers need to make more devices that are stand-alone and that can
be
> >interfaced in a standard way. Serial is simple and fast enough for most
> >needs, if not then USB certainly is. I think ICOM has the best approach,
a
> >bus that you can attach several devices to. Imagine you just get a new
radio
> >you attach it to your network of radio stuff and it is completely
> >integrated. Your software knows about it and so do all the other devices.
> >You could do this with a TNC, a rotor, GPS unit etc. That is a real step
> >forward, whether it uses a Z80 processor means nothing. After many years
> >programming computers I have realized that all bytes have 8 bits.
>
> It was not me but the manufacturer of the DSP2232 who claimed that its
> parts were obsolete. This is of course a problem when you want to run
> a production batch.
> My suggestion was to have a USB interfaced box. This needs some CPU
> to be able to function (that is how USB works). It of course also would
> need the DSP, or else it would not be a product (it would be like a
> USB sounddevice with a rigblaster).
> To have all the other "intelligent" features in it will just drive up
> the price. It will only be bought by those that perfer SCSI over IDE,
> or an oldfashioned external modem over a winmodem. Sure there is a
> technical advantage, but most people will not like the price.
>

> The ICOM CI-V bus is nice, but it is only usable for control. It cannot
> be the interface between a transceiver and DSP box the way it is done
> now. But of course it would be possible to use that same bus to control
> a rotor or readout a GPS. I don't know why rotor control boxes don't
> use CI-V, maybe because they happen to be made not by ICOM but by another
> manufacturer.
> GPS receivers of course have their own standard, being sold primarily
> outside the amateur radio world.
>
> The idea of having one universal bus that is used by many different
> industries and markets is appealing, but the computer industry is
> deliberatly moving around that target. They could have adopted TP
Ethernet
> for the purpose that USB is now serving, and they didn't. An Ethernet
> interface was already available on or for most systems at the time USB was
> invented, and apparently that is not what they want. Other USB-like
> interfaces have existed before (e.g. HP-IL). Still, a new standard was
> defined and it will probably be replaced by something else in due time.
> It looks like they don't like you to gradually build up a system and
> seamlessly integrate a new box with stuff you've had for 10 years.
>
> Rob
> --
> +---------------------------------+--------------------------------------+
> | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
> | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
> +---------------------------------+--------------------------------------+

3245. Re: Unable to decode AO-40 data

Newsgroup: rec.radio.amateur.space
Date: 2000-12-07 00:00:00 UTC
From: N1RZ <n1rz@timhavens.com>
Message-ID: <9HQX5.5029$Dy6.252913@news-east.usenetserver.com>
Source record: 7481

N1RZ here....

Don, what audio file of AO-40 are you talking about? I don't think I've got any such recording on my site at this point for AO-40. I can't remember....but I am pretty certain I don't have one posted.....

There are a LOT of folks that are running streaming live audio of AO-40 now.....

Here is an email I got recently listing several Internet Live audio links....

All

The PSK-1 P3T server on 194.222.101.137:1024 seems to be working better than previously. However I do have to switch polarization on the antennas on occasion during the day. As you can appreciate I'm at work so I can't always do this quickly.

The 194.222.101.137:1025 server is an IZ8BLY decoder and I am having difficulty keeping this tracking correctly. Again, being away from the shack while AO-40's up it's proving difficult to track the faults.

I'm suffering a great deal from local QRM at my QTH (Central London) during the day so the quality of the data can be quite bad quality at times. Early morning seems OK.

The http://194.222.101.137:1033 audio/video feed seems to be working OK, although can be a bit clunky. Remember to open in Windows Media Player, not a browser! Keep in mind that this is often swithced off when AO-40's not overhead or I'm fiddling with something in the shack, which may be being done remotely so I need the bandwidth!

73 Howard G6LVB

Via the amsat-bb mailing list at AMSAT.ORG courtesy of AMSAT-NA.
To unsubscribe, send "unsubscribe amsat-bb" to Majordomo@amsat.org

"don" <kg9qm@nomail.net> wrote in message
news:7PiV5.384$75.281563@news1.iquest.net...
> I've been trying to make the IZ8BLY decoder work with no luck. Frankly I
don't
> know what I'm doing wrong.
>
> I'm using the "default" settings on the P3D decoder, which has these
values.
>

> Center frequency = 1600
> Clock Sync IIR Size = 256
> Clock sync attack factor = 32
> AFC attack factor = 0.025
>
> I'm playing back the audio file recorded by N1RZ that's on timhavens.com
>
> My "phase scope" spins madly about - should it tend towards just two
directions
> (as in logical "0" or "1")?
>
> The "Center frequency" bounces around 800 or so (instead of the value
given in
> the configuration).
>
> There are two horizontal marks that track with my mouse, but seem to do
> nothing. What are these?
>
> I'd fire email off to IZ8BLY, but reportedly he is too busy right now to
deal
> with emails.
>
> Not knowing what things SHOULD look like hampers my attempts to figure out
> whats wrong.
>
> If you have gotten it to work, please try to explain how you did it.
>
> thanks,
>
> don
>

3246. Radio Meteor Obs. Bull. November 2000

Newsgroup: rec.radio.amateur.space
Date: 2000-12-07 00:00:00 UTC
From: steyaert@vvs.be
Message-ID: <3a2ffa08.5307241@news.innet.be>
Source record: 7482
Cross-posted to: rec.radio.amateur.space,sci.astro.amateur

Radio Meteor Observation Bulletin No. 88 December 2000

1. FORWARD SCATTER METEOR OBSERVATIONS

Observer: Enric Fraile Algeciras
Location: Paseo Bonanova, 8 Barcelona (02 07'E, 41 24' N)
Frequency: 48.24715 MHz.
Transmitter Location: Biedenkopf C2 TV, Video Frequency 48.250 MHz,
ERP 100 kW, Azimuth 90 +/-65
Antenna: 3 element Yagi Azimuth 200 deg (NE), elevation 20 deg
Receiver: home made converter 20 dB gain, 1 dB noise and Kenwood TS-830S.
10 dB attenuator in the receiver to reduce direct reception
Sensitivity: 0.25 uV for 10 dB S/N
Observing method: the audio signal of the video carrier is received using
a narrow CW filter (500 Hz) and fed into the PC in real time.
Data sampling system: own written software "MSD" with sound card.

| Nov 2000
UT | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
---+---
0h| 37 33 40 61 35 31 43 64 13 27 26 24 15 21 12
1 | 31 19 24 45 34 39 39 ? 15 16 ? 19 22 16 14
2 | 29 31 24 26 35 22 29 ? 34 10 ? 20 10 8 8
3 | 29 22 20 16 23 16 26 ? ? ? 27 12 7 6 11
4 | 18 30 33 57 47 24 42 ? 7 ? 4 9 13 8 11
5 | ? 42 45 35 31 38 38 ? 15 13 44 20 15 19 13
6 | 35 31 35 10 ? 57 27 47 19 36 5 28 22 13 6
7 | 56 ? 35 31 ? ? ? 12 28 5 4 14 17 19 20
8 | ? ? 53 ? ? ? ? ? 12 16 ? 26 48 53 3
9 | 30 11 ? ? ? ? ? 23 55 31 ? 36 28 17 17
10 | ? ? ? ? ? ? ? ? 20 18 ? ? ? 18 7
11 | 45 ? 29 ? 48 ? 56 ? 46 12 ? ? 28 13 14
12 | ? 20 ? ? 19 28 ? 30 ? 13 ? 14 7 37 29
13 | 73 ? ? 24 26 ? ? ? ? 10 6 23 21 ? ?
14 | ? ? ? 29 32 ? 30 ? ? 27 13 12 13 13 26
15 | ? ? ? 43 19 ? 23 ? ? 10 9 53 ? 48 5
16 | ? ? ? ? 27 ? 25 22 ? 10 6 ? ? 39 3
17 | ? ? ? ? 33 ? ? 20 ? 39 7 7 7 18 11
18 | 34 27 ? ? 26 ? 21 8 ? 12 9 8 6 13 7
19 | 31 20 29 28 32 29 15 9 14 7 5 12 6 13 13
20 | 30 22 30 26 28 42 22 10 13 16 10 13 14 13 15
21 | 30 26 50 24 24 32 21 12 4 8 11 7 13 18 23
22 | 44 32 33 43 35 22 8 13 12 10 6 8 8 10 9
23 | 44 35 39 39 30 35 10 11 16 10 18 12 14 9 15

```
---+-------------------------------------------------------------------------
UT| 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
| Nov 2000

| Nov 2000
UT | 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
---+-------------------------------------------------------------------------
0h| 13 14 35 15 10 17 16 11 11 10 19 23 14 9 11
1 | 12 17 53 4 7 17 14 13 13 19 12 16 19 15 17
2 | 17 12 40 8 9 11 8 14 12 15 13 11 13 12 19
3 | 7 10 47 4 9 6 6 9 6 4 16 4 9 8 10
4 | 6 9 55 43 8 3 10 12 10 22 7 13 23 7 7
5 | 9 24 102 14 9 10 16 14 12 15 21 17 25 14 17
6 | 25 31 153 9 22 14 14 24 17 24 13 29 13 18 13
7 | 9 43 171 13 8 10 7 13 5 16 15 70 44 ? 45
8 | 11 29 56 16 14 6 29 15 21 ? 15 ? 12 40 ?
9 | 9 35 29 14 11 17 24 25 ? ? 31 ? ? 16 ?
10 | 13 14 24 8 16 29 10 69? ? 45 9 ? 26 10 16
11 | 12 18 8 13 7 ? 19 49 ? 48 46 34 ? 17 13
12 | 25 17 24 9 22 17 9 30 23 18 19 51 42 12 31
13 | 8 20 14 12 8 55 26 18 13 10 21 25 12 18 36
14 | 14 7 7 5 6 7 18 19 9 9 22 19 21 6 27
15 | 10 8 11 17 5 6 18 5 7 7 14 12 11 20 ?
16 | 4 9 5 17 8 5 8 ? 9 6 12 13 13 10 21
17 | 6 4 5 5 6 21 9 16 7 12 11 7 ? 13 5
18 | 6 4 7 9 4 12 12 10 9 12 7 11 12 5 8
19 | 3 5 10 10 9 6 7 11 13 10 7 15 11 13 8
20 | 3 12 7 7 15 5 21 9 14 16 14 14 0 7 19
21 | 13 12 6 8 4 16 10 16 15 6 16 18 10 6 14
22 | 4 8 6 2 10 12 8 8 30 7 8 24 15 8 10
23 | 18 10 9 10 9 13 23 12 8 12 13 17 11 22 5
---+-------------------------------------------------------------------------
UT | 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
| Nov 2000

Leonids 10 minute interval counts

16-Nov 17-Nov 18-Nov
04:00 0 0 1
04:10 1 1 2
04:20 0 1 9
04:30 3 1 4
04:40 1 0 3
04:50 1 6 36
05:00 0 1 42
05:10 1 3 3
05:20 2 10 17
05:30 2 3 12
05:40 1 0 16
05:50 3 7 12
06:00 3 5 17
```

```
06:10 8 2 22
06:20 5 2 14
06:30 4 9 26
06:40 5 4 48
06:50 0 9 26
07:00 3 15 25
07:10 1 5 47
07:20 3 6 35
07:30 2 6 31
07:40 0 2 17
07:50 0 9 16
08:00 2 9 10
08:10 3 7 7
08:20 3 1 11
08:30 1 2 4
08:40 1 6 5
08:50 1 4 19

Notes:
. ? probably affected by sporadic-E or FAI
. 10 min counts are available for other periods besides the ones listed here

Enric Fraile Algeciras
```

Observer: Jean-Louis Aillaud
Location: Sainte Clotilde, R&#65533;union Island (55 29' E, 20 52' S)
Frequency: 87.7 MHz, remote transmitter on Madagascar - distance 850 km
89.7 MHz (empty frequency for coincidence)
Antenna : 3 elements Yagi FM horizontal polarisation
elevation 90 deg (zenith), astronomical azimuth: 114 deg (=West)
Receiver 1: FM tuner Technics ST G 450 L (on 87.7 MHz)
Receiver 2: FM tuner TEAC TR 400 (on 89.7 MHz)
observing method:
a) electronic interface on LINE output audio signal are fed in
COM2: of PC (1) 100 MHz and COM2: of PC (2) 200 MHz
b) METEOR V4.0 processes the signal and records on hard disk the
time of the events.
METEOR parameters: threshold 10 for 87.7 89.7 MHz
c) COLORGRAMME V.2 for examined DATA and generates RMOB bulletin
automatically.
COLORGRAMME parameters: sum freq 3000

```
| Nov 2000
UT | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
---+-----------------------------------------------------------
0h| 0 0 2 0 0 0 0 4 5 3 0 0 0 2 0
1 | 0 0 2 8 0 0 3 0 2 0 0 6 0 0 0
2 | 11 0 3 7 0 0 15 0 7 5 0 4 5 0 1
3 | 9 0 3 6 0 0 6 2 6 7 6 4 6 0 5
4 | 23 5 14 4 6 0 11 10 10 6 2 4 19 16 5
```

```
5 | 15 13 4 5 7 14 12 4 5 7 21 5 13 17 15
6 | 18 7 0 1 12 16 2 0 8 4 13 23 7 13 12
7 | 4 12 6 2 15 6 10 2 8 3 8 4 5 8 2
8 | 9 8 17 5 4 12 9 4 8 1 8 16 2 6 0
9 | 2 7 17 2 0 5 3 2 8 3 21 11 4 7 4
10 | 14 14 3 5 0 6 21 9 21 7 14 11 6 12 3
11 | 12 8 2 7 2 2 18 0 6 0 11 9 17 7 2
12 | 17 14 0 4 6 16 25 0 14 0 10 8 17 0 2
13 | 16 6 0 4 8 13 7 15 11 7 25 16 5 22 0
14 | 18 8 2 8 5 2 17 10 3 8 6 15 12 42 10
15 | 19 7 20 4 8 20 27 9 10 7 12 15 22 11 5
16 | 12 12 11 7 6 19 14 22 14 14 32 13 11 0 11
17 | 9 8 15 0 29 14 10 11 5 20 10 9 20 5 4
18 | 6 8 2 0 4 5 1 7 9 7 1 20 29 0 0
19 | 6 10 1 0 6 10 3 0 4 12 6 10 8 4 8
20 | 6 3 11 0 3 3 10 3 4 8 4 6 0 1 7
21 | 14 0 6 0 2 5 8 0 3 8 4 0 0 0 1
22 | 3 0 1 0 1 8 0 0 4 6 5 0 0 10 0
23 | 1 0 0 0 4 7 3 11 0 0 0 4 0 6 6
---+------------------------------------------------------------
UT | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
| Nov 2000

| Nov 2000
UT | 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
---+------------------------------------------------------------
0 | 0 0 6 0 0 0 0 0 0 0 0 3 0 0 0
1 | 4 1 2 0 0 0 2 2 0 0 0 0 0 0 0
2 | 0 7 5 2 0 7 5 2 0 0 0 0 0 1 0
3 | 4 2 8 9 0 15 0 8 0 4 0 7 5 6 0
4 | 2 0 8 16 11 2 12 11 0 9 17 17 15 15 0
5 | 2 7 7 12 16 6 6 4 13 2 0 7 9 13 11
6 | 19 3 10 19 8 1 7 8 7 5 29 1 7 9 8
7 | 12 3 18 17 6 2 8 13 15 4 11 2 20 4 5
8 | 19 0 1 8 28 4 14 4 0 6 13 3 3 13 6
9 | 0 0 4 8 0 7 10 10 0 5 12 4 0 5 11
10 | 12 1 2 0 4 2 1 14 5 2 8 3 13 10 9
11 | 17 4 24 1 18 5 5 7 10 2 7 1 22 11 4
12 | 9 0 10 11 7 2 8 5 5 7 8 6 10 5 16
13 | 3 0 12 4 16 2 4 3 10 13 7 17 20 2 24
14 | 19 1 21 6 21 3 11 17 8 12 20 7 13 3 4
15 | 14 12 1 14 9 11 18 10 5 40 18 28 23 5 7
16 | 15 16 17 19 21 16 9 4 1 21 11 21 0 0 14
17 | 16 11 11 6 19 8 19 1 0 13 8 11 0 0 10
18 | 5 5 11 0 2 9 14 2 1 7 8 3 0 0 7
19 | 5 3 21 0 5 5 8 8 0 3 8 14 0 0 2
20 | 12 2 1 0 4 9 22 3 0 0 0 11 0 0 11
21 | 3 4 0 0 0 0 20 0 0 1 0 3 0 0 0
22 | 1 11 0 0 0 0 38 0 0 2 5 7 2 0 0
23 | 0 1 2 0 6 0 7 0 0 0 4 0 5 0 0
```

```
---+------------------------------------------------------------
UT | 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
| Nov 2000
```

Jean-Louis Aillaud

```
Observer: Michael Boschat
Location: Halifax, Canada (63 36'W, 44 39'N, 58 meters above sea level)
Listening Frequency: 83.24 MHz
Receiver: Icom R-10
Antenna : resonant dipole
Antenna Direction: Horizontally polarized with lobes in E-W plane, elev 0 deg
Filter : high-Q (Q at least 300) bandpass filter between antenna & receiver.
Listening Mode: CW
Recording method: listening by ear
```

November 2000

Number of meteors heard in one hour interval

```
2000| UT
Nov | 00h 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17
----+------------------------------------------------------------------------
1 | - - - - - - - - - - - - 13 11 15 10 11 9
2 | - - - - - - - - - - - - 19 26 26 18 - -
3 | - - - - - - - - - - - - 11 4 - - - -
4 | - - - - - - - - - - - - - - - - - - -
5 | - - - - - - - - - - - - 6 7 17 13 18 -

11 | - - - - - - - - - - - - 5 6 12 12 5 6
12 | - - - - - - - - - - - - 17 8 8 7 - -
13 | - - - - - - - - - - - - - 6 14 28 10 -
14 | - - - - - - - - - - - - - - - - - - -
15 | - - - - - - - - - - - - - - - - - - -
16 | - - - - - - - - - - - - 14 - 21 9 8 9
17 | - - 2 9 - - 19 103 230 108 33 20 - - - - - -
18 | 8 5 7 10 58 128 - 219 147 99 29 19 - - - - - -
19 | 6 5 13 5 - - - - - - - - 22 25 17 23 - -

25 | - - - - - - - - - - - - 3 13 15 17 -
----+------------------------------------------------------------------------
Nov | 00h 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17
2000| UT
```

Notes:
. A fairly good month especially the Leonids! I got one photo from my
balcony and have put it on my web site:

http://www.atm.dal.ca/~andromed/pics/Leonid2.jpg

. no corrections for radiant position made to the counts
. - = no observations made

. * = Interference

Mike Boschat

Observer: Maurice De Meyere
Location: Deurle, Belgium (3 37' E, 51 00' N)
Frequency: 66.51 MHz
Transmitter locations (all stations of more than 10 kW):
66.35 MHz, Klaipeda, Lithuania 12 kW, 05h00-22h00
66.47 Viesintos Lithuania 12 05h00-22h00
66.62 Budapest Hungary 100 24hrs
66.68 Valmiera Latvia 20 04h30-22h00
Antenna: crossed Yagi (x form), 4 elements, astronomical azimuth 270 deg
(= E), elevation 27 deg.
Antenna amplifier: 25 dB max level 90 dBmuV
Receiver: commercial, Progresson 447A, TESLA (Bratislava)
The receiver was calibrated with a Marconi TF2008 signal
generator. Sensitivity: 5 muV (modulation frequency
1000 Hz, frequency sweep 38 kHz) at (S+N)/N = 20 dB.
SWR of antenna alone at 66.5 MHz: 1.4/1 (good to very good),
measured with MFJ/259P SWR analyzer (HF-VHF 1.8 MHz to 170 MHz)
on Sep 28, 1998.
Observing method: automated setup, 150 samples/second, 8 bit resolution.
[Time and details of all individual meteor reflections are stored
on file in the Ghent University format (Prometeos), and are
available for further analysis. Reduction software for DOS and
Windows available].

November 2000

Raw counts of reflections with a duration of at least 0.027 s
during one hour interval starting at UT:

Nov	UT										
2000	20h	21	22	23	00	01	02	03	04	05	06	07
1- 2	35	42	32	59	50	56	78	87	88	125	?
2- 3	22	28	35	35	57	55	92	120	115	111	?
3- 4											
4- 5											
5- 6	31	43	34	41	38	40	114	102	91	88	109
6- 7	?	?	23	12	19	50	94	87	95	112	?
7- 8	37	47	28	28	35	45	61	84	101	107	45
8- 9	33	55	33	35	23	62	75	112	107	159	95
9-10	33	45	30	23	23	38	100	106	161	167	164
10-11	31	42	40	74	30	39	74	154	96	110	40
11-12	36	53	18	24	27	11	41	132	120	99	76
12-13	44	84	40	25	60	71	124	98	148	154	114
13-14	42	67	26	24	27	25	69	105	145	149	124
14-15	37	54	51	52	45	42	?	107	170	187	127
15-16	50	28	18	31	45	80	101	124	164	125	129

```
16-17 | 38 67 38 53 28 55 120 161 416 452 343
17-18 | 56 81 54 107 189 229 447 882 858 1006 969
18-19 | 55 60 32 34 34 47 157 140 158 140 131
19-20 | 41 53 20 27 24 20 100 83 77 129 95
20-21 | 47 61 29 27 39 41 118 119 95 126 ?
21-22 | 52 41 15 43 17 43 75 109 126 126 108
22-23 | 46 48 47 27 26 24 93 187 132 89 89
23-24 | 49 55 8 23 24 26 75 94 116 127 184
24-25 | 44 71 27 23 30 33 107 122 132 88 81
25-26 | 38 74 22 16 24 17 39 109 107 92 63
26-27 | 66 78 40 23 27 23 92 136 100 137 109
27-28 |
28-29 | ? ? ? 55 19 ? ? ? 117 ? ?
29-30 | 51 38 17 24 10 15 79 98 87 110 96
30- 1 | 54 51 23 28 15 29 ? 116 99 98 97
------+------------------------------------------------------------
2000 | 20h 21 22 23 00 01 02 03 04 05 06 07
Nov | UT
```

Raw counts of reflections with a duration of at least 1.000 s
during one hour interval starting at UT:

```
Nov | UT
2000 | 20h 21 22 23 00 01 02 03 04 05 06 07
------+------------------------------------------------------------
1- 2 | 4 4 7* 8 13* 6 13 9 11 21 ?
2- 3 | 2 2 7 6 4 10 8 11 19 8 ?
3- 4 |
4- 5 |
5- 6 | 2 11* 5 6 4 6 15 14 12 5 12
6- 7 | ? 15? 2 1 2 10 13 8 16 29 ?
7- 8 | 7 7 6* 9* 4 8 10 12 11 21 7
8- 9 | 5 6 3 9* 3 9 6 19 14 18 24*
9-10 | 3 10* 3 3 2 5 8 7 36* 39* 44*
10-11 | 3 8 4 14 1 5 7 23 7 20 9*
11-12 | 2 9 1 3 7* 1 4 15 8 17 9
12-13 | 5 17* 14* 6* 18* 13 13 10 29 44* 32*
13-14 | 4 11 5 5* 4 4 7 19 22 54* 38*
14-15 | 6 6 17* 9 10* 4 ? 8 40* 32* 28*
15-16 | 11* 3 1 5 6 22* 17 19 37* 42* 36*
16-17 | 3 12 3 15* 4 5 18 33* 112* 110* 56
17-18 | 11 17* 11* 33* 49* 48* 90* 232* 247* 286* 252*
18-19 | 8 7 8* 4 14* 4 10 18 30 16 29*
19-20 | 6 6 0 3 4 1 12 11 7 21 15
20-21 | 9 11 9 7* 4 5 18 20 11 18 ?
21-22 | 13* 9* 2 5 1 7 6 12 16 25 22*
22-23 | 8 7 7 9* 2 3 7 30 25 13 10
23-24 | 8 9 0 5* 2 3 7 3 16 27* 47*
24-25 | 6 20* 3 2 3 0 17 14 24 17 12
25-26 | 5 13 3 2 5* 2 5 14 15 13 10
26-27 | 15* 12 10* 2 3 2 10 8 17 41* 28*
```

```
27-28 |
28-29 | 14 23? ? ? 2 ? ? ? 35? ? ?
29-30 | 9 3 2 2 3* 1 14 9 16 34* 38*
30- 1 | 10 4 4 6* 3 1 32* 9 17 23* 25*
------+------------------------------------------------------------
2000 | 20h 21 22 23 00 01 02 03 04 05 06 07
Nov | UT
```

Notes:
. Nov 3-5: man made interference
. ? probably affected by sporadic-E, tropo, direct reception.
. * warning for relative high number of long duration reflections,
an indication for potential stream activity.
. local time = UT + 1 hours
. changed trigger level to 20 AD counts starting Oct 2000 (previously
15 AD counts since the start of the observations in 1993).
As expected this setup is less sensitive to (low volume) interference.
Correction: trigger level was previously 15 AD counts, not 6 as mentioned
in RMOB0010 (the signal level is 6 to 7 in quiet periods).

Maurice De Meyere

Location: Astronomical Observatory, Ghent University, Belgium
(ED50 coordinates: 3 42' 32" E, 51 01' 25" N)
Antenna (2x): 4 elements horizontal Yagi, pointed East, elevation 20 deg
Antenna amplifier: 10 dB gain
narrow band resonance lambda/4 antenna filter
Frequency: (1)=66.29 MHz (signal) and (2)=65.3 MHz (interference control)
Receiver (2x): modified commercial FM receiver
Data acquisition: 12 bits PC-based A/D convertor, 250 Hz sampling rate
Interference rejection:
dual setup: receiver (1) tuned at distant transmitter, receiver (2)
tuned at empty frequency. Anti-coincidence measurement rejects
registration of broadbanded spurious signals (lightning, computers,
ignition motors, etc).
Further information:
see WWW page (additional info + observational data)
http://allserv.rug.ac.be/~hdejongh/astro/meteor/meteor.html
Data format:
results are shown as total reflection time, expressed as
a percentage. The actual number shows 10 times this value.
When no figure is shown, the equipment was either out of service,
or results could have been affected by interference, sporadic-E.

```
-------------------------------------------------------------
| Nov 2000 | 10x % reflec. time | horiz: day | vert: time UT|
-------------------------------------------------------------
| 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
---+---------------------------------------------------------
0 | 15 16 28 11 10 18 10 9 11 15 14 12
```

```
1 | 33 39 14 20 11 33 47 44 10 28 14 19
2 | 35 32 14 27 20 37 31 16 12 27 21 27
3 | 48 48 39 35 14 27 31 26 31 20 14 87
4 | 38 39 36 38 31 31 21 72 21 37 35 32
5 | 35 39 31 22 28 25 49 24 29 25 30 46
6 | 41 18 23 50 58 72 29 49 32 28 27
7 | 39 46 27 32 22 47 23 32 23 52 51
8 | 41 38 43 17 29 16 36 22 28 35 45
9 | 30 20 36 31 12 30 15 47 16 14 22
10 | 47 18 12 14 36 20 17 31 25 6 33 24
11 | 35 19 16 14 20 18 17 26 23 21 22 21
12 | 19 50 37 24 20 23 15 9 13 14 49 17
13 | 18 13 9 4 32 9 12 11 18 9 50 12
14 | 14 6 9 10 6 5 7 13 11 14 17 25
15 | 7 15 14 25 11 9 5 5 10 10 9 10 14
16 | 12 12 12 17 3 10 11 8 8 6 10 29 9
17 | 12 1 8 18 11 6 14 13 9 4 11 6 15
18 | 25 10 7 10 19 8 24 16 11 9 9 17
19 | 18 15 20 10 21 23 20 33 18 9 19
20 | 28 37 19 25 24 31 8 14 17 23 27
21 | 25 28 29 27 37 25 18 17 25 34 26
22 | 28 1 25 23 26 26 20 27 14 27 19 21 19
23 | 10 17 14 14 10 21 9 16 6 16 12 14 9
---+-------------------------------------------------------------
| 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

-----------------------------------------------------------------
| Nov 2000 | 10x % reflec. time | horiz: day | vert: time UT|
-----------------------------------------------------------------
| 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
---+-------------------------------------------------------------
0 | 15 13 99 20 13 20 9 24 19 22 10 15 11 11 18
1 | 20 53 69 31 12 12 26 24 15 20 12 11 24 21
2 | 28 43 233 19 28 12 19 21 19 19 15 27 22 22
3 | 29 41 364 59 34 20 21 51 15 20 20 24 15 32
4 | 36 64 567 48 40 20 34 81 21 25 16 46 36 27
5 | 47 173 664 115 25 22 35 55 43 56 46 23 39 46 24
6 | 32 198 710 111 30 46 28 33 23 32 34 32 45 50 25
7 | 30 188 677 81 39 25 38 68 31 23 37 21 44 25 18
8 | 25 160 345 63 54 26 70 13 22 42 28 18 11 12
9 | 27 75 247 45 17 35 18 21 12 31 37 25 31 53 22
10 | 18 9 82 36 19 15 10 22 35 31 36 34 18 24 14
11 | 19 31 26 22 22 23 12 20 22 22 42 10 37 8 15
12 | 11 15 24 20 20 31 18 30 38 25 21 12 16 16
13 | 10 37 19 21 12 11 11 10 13 13 12 11 7 16
14 | 10 9 18 12 15 5 7 7 8 8 11 7 9 17 8
15 | 9 5 17 32 12 14 6 3 22 11 9 11 8 11 9
16 | 10 10 6 7 11 18 12 11 5 20 7 10 9 5 6
17 | 11 21 21 7 6 12 7 20 12 15 11 9 15 8 9
18 | 19 11 9 18 16 8 18 14 10 10 10 19 20 14 11
```

```
19 | 17 21 19 12 18 11 33 20 10 10 19 14 5 9 11
20 | 13 32 23 24 24 13 24 15 15 15 30 29 10 27 11
21 | 15 31 35 20 28 32 41 21 20 26 45 22 11 34 34
22 | 21 21 32 20 29 21 16 18 23 23 37 24 20 25 20
23 | 15 28 30 5 12 14 13 11 14 8 10 31 34 16 14
---+------------------------------------------------------------
| 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
```

Note:
. a fairly normal Leonids activity, no trace of the alpha Monocerotids,
and otherwise a quiet month.

Pierre De Groote

Observer: H. W. Kelsey
Location: Conway, Arkansas USA (92 25' W, 35 02' N)
Frequency: 89.5 MHz
Transmitter: Tulsa OK & Salina/Manhattan KS
Receiver: Sangean 803A
Antenna: Yagi Heading: SNW
Observing Method: Recorded on Audio Tape

Underdense/Overdense Scale:
Overdense: 0.5 second or more duration
Underdense: less than 0.5 second duration

Each observed hour is 60 minutes, exactly

Nov Over- Under-
2000 Hr-UT dense dense Total

---

1 1200-1300 7 5 12
2 0930-1030 1 7 8
3 1000-1100 9 12 21
4 1000-1100 18 21 39
5 1000-1100 4 14 18
6 0830-0930 21 31 52
7 0830-0930 23 37 60
8 0830-0930 10 15 25
9 0930-1030 9 23 32
10 0930-1030 10 18 28
11 0930-1030 2 3 5 Severe Interference
12 0915-1015 15 29 44
13 0915-1015 16 27 43
14 0945-1045 16 16 32
15 0930-1030 15 27 42
16 0900-1000 21 21 42
17 0900-1000 41 60 101
1000-1100 41 51 92
1100-1200 24 40 64
18 0900-1000 38 58 96

1000-1100 26 30 56
19 0800-0900 22 23 45
20 0830-0930 15 30 45
21 0830-0930 10 26 36 Minor Interference
22 0830-0930 13 30 43
23 0830-0930 10 22 32
24 0800-0900 10 35 45
25 0800-0900 14 12 26
26 0900-1000 3 14 17
27 0900-1000 6 9 15
28 1000-1100 4 12 16
29 1000-1100 11 17 28
30 1000-1100 4 12 16

Will Kelsey

Observer: Sadao Okamoto
Location: Damine Meteor Observatory, Japan (137.53 E, 35.07 N)
Transmitter: HAM beacon (JA9YDB) for RMO (50 W CW, 53.7500 MHz) by
JA9BOH Kimio Maegawa. No modulation except for identification.
Antenna: 2 element Cross Yagi 4 dBi aiming to Zenith. Omni-directional
in azimuth and elevation above 15 deg elevation.
Location: Fukui-NCT at Sabae city (136.2 E, 35.9 N)
At present time about 10 observers are listing for
Kimio Maegawa's 53.75 MHz beacon.
Receiver: IC575
Antenna: 2 element Yagi, pointed to the zenith.
Observing method: FFTDSP software, manual count.

Hourly echoes over 10 dB SNR
2000
Nov|00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23JST
Nov|15 16 17 18 19 20 21 22 23 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 UT
---+---
15| 39 42 33 43 e n n n 8 8 16 30 43 38 39
16|40 69 65 80 67 62 49 62@51 38 21 25 31 26 20@24 n 7 14 10 17 50 49 47
17|45 59 78 68 69 52 51 72 36 44 32 27 20 13 23 n n n 16 19 26 37 49 43
18|45 56 79 78 95 80 90 74 74 61 n n n@13 4 6 21 8 18 14 21 28 48 30
19|49 61 66 61 63 60 53 30@37 18 17 14 -- 14 17 18 14 15 5 9 23 46 31 37
20|32 57 57 58 58 44 43 53@38 30 28 32 10 22 12 e e 8 12 10 17 31 44 42
21|27 33 58 54 65 39 49 47@34 32@25 n n n e e@12@12 @9 14 20 42 33 36
22|31 38 70 67 67 54 60 e e 31 16 9 n n n n 13 12 18 10 24 45 49 50
23|34 59 60 65 71 57 60@33 e 34 34 26 @7 @6 @9 8 10 15 13 6 19 33 44 35
24|37 43 68 47 64 48 73@57@35 29 27 21 12 11 8 20 13 13 6 5 39 29 35 49
25|50 70 74 72 67 67 91 75@49 46
---+---
Nov|15 16 17 18 19 20 21 22 23 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 UT
Nov|00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23JST
2000

```
Echoes with duration > 5 s
2000
Nov|00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23JST
Nov|15 16 17 18 19 20 21 22 23 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 UT
---+-----------------------------------------------------------------------
15| 1 2 1
16| 1 7 3 3 3 4 5 5 4 1 1
17| 1 7 5 6 4 3 7 6 7 3 1 1 1 1
18| 2 7 10 17 11 18 21 14 16 1 1
19| 1 3 6 2 6 5 2 1 2 3 3
20| 4 6 8 2 1 1 2 3 1 1
21| 1 1 1 2 3 5 5 6 2 1 1 2
22| 1 2 3 2 3 1 1 1 1 1 1
23| 2 1 5 2 4 1 1 1
24| 2 4 2 1 4 10 3 5 3 2 2 1 1 1
25| 1 7 4 6 5 4 10 5 3 1
---+-----------------------------------------------------------------------
Nov|15 16 17 18 19 20 21 22 23 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 UT
Nov|00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23JST
2000

Daily rate of long echoes (T > 20 s)
2000
Nov 16 17 18 19 20 21 22 23 24 25
----------------------------------------
Count 5 6 24 8 1 1 2 2 5 (4)

Notes:
. I could not catch the peak of Leonids activity due to interference.
-: lost counts because of high noise level or machine failure.
@: Hourly rate estimated by effective observation time less than 60 min.
n: Contamination due to radio noise or interference
e: Contamination due to sporadic E opening
f: No data available due to TX or RX failure
JST = UT + 9 h

Sadao Okamoto
```

Observer: Ingo Reimann
Location: L&#65533;beck-Travem&#65533;nde, Germany
10&#65533; 51' E, 53&#65533; 57' N, 13 m above sea-level
Frequency: 88.40 MHz
Transmitter locations
(only stations of at least 10 kW, all transmitters in Germany):
Leipzig 88.40 MHz, 100 kW
M&#65533;nchen 88.40 MHz, 25 kW
Pfaffenberg 88.40 MHz, 25 kW
Bremen 88.30 MHz, 100 kW
R&#65533;bel 88.50 Mhz, 10 kW
Antenna: Five-element-Yagi, horizontally polarized, 5m above ground,
direction: azimuth (from S) 340 deg, elevation 53 deg

Receiver: Technics ST-Z55 with SU-V505
Observing method: Listening to tape-recordings, durations estimated during listening

November 2000

```
One-hour- Numbers of meteors
interval with durations
starting 0.1 s 0.2 s 0.6 s 1.5 s 2 s 5 s 10 s 20 s more total
at UT and to to to to to to to than
shorter 0.5 s 1.4 s 1.9 s 4 s 9 s 19 s 40 s 40 s
--------- ------- ----- ------ ------ ------ ------ ------ ------ ------ ----
Nov 18 1 25 10 2 0 0 0 0 0 0 37
2 30 12 3 2 0 0 0 0 0 47
3* 7 4 0 1 0 0 0 0 0 12*
7 37 11 5 1 1 0 1 2 1 59
8 23 10 1 0 1 1 0 1 0 37
9* 9 1 0 1 2 0 0 1 0 14*

Nov 19 1 5 1 0 1 0 0 0 0 0 7
2 7 3 0 0 1 0 0 0 0 11
3 4 3 1 0 0 0 0 0 0 8
7 7 2 1 0 1 0 0 1 0 12
8 4 1 0 1 0 0 0 0 0 6
```

Remarks: * only 35 min observations due to instrumental failure
During listening no shorter variations in the meteor-rates were evident.

Ingo Reimann

Observer: Ton Schoenmaker
Location: Roden, Netherlands (06 26' E, 53 08' N)
Frequency: 55.275 MHz
Transmitter: Spanish TV channel E3 (video); transmitters in La Muela (30 kW), Gamoniteiro (50 kW) and Aitana (60 kW); all stations within 100 Hz of nominal frequency; distance ~ 1500 km
Antenna: 3-elements horizontal Cushcraft 50 MHz Yagi tuned to 55.3 MHz; geographical azimuth 210 degrees (SW)
Receiver: Yupiteru MVT-9000 in USB mode; sensitivity 0.5 uV at 12 dB S/N
Observing: 800 Hz audio signal from ear-phone socket was rectified, digitised and fed into a PC via the parallel computer port. HP VEE was used to process the digitised signal and to store 15-minutes counts of reflections stronger than 0.22 uV (-120 dBm). Also for all individual meteors date, time, duration (dead time) and maximum signal are stored.

Uncorrected hourly counts for signals stronger than 0.22 uV starting at:

```
| November 2000
UT | 10 11 12 13 14 15 16 17 18 19 20 21
----+-------------------------------------------------------
```

```
0h | - 168 309 309 290 316 354 381 534 388 363 329
1h | - 216 367 302 359 422 335 385 557 375 446 401
2h | - 269 499 400 424 458 425 436 407* 514 587 530
3h | - 393 547 482 472 527 497 461 424* 544 602 652
4h | - 307 584 473 458 488 436 528 400* 554 614 572
5h | - 245 477 451 418 454 398 536 218* 520 516 475
6h | - 205 402 367 410 375 382 501* 221* 462 402 451
7h | - 217 349 364 445 437 365 431* 285* 493 389 432
8h | - 289 389 419 395 348 440 542* 431* 543 495 505
9h | - 283 337 422 387 465 443 481 749 474 515 512
10h | - 297 404 401 401 521 525 474 708 483 431 445
11h | - 296 356 375 315 403 433 410 545 401 417 438
12h | - 243 301 321 308 378 315 433 459 315 382 392
13h | - - 261 328 269 328 314 - 309 377 336 368
14h | - 226 231 267 280 278 286 - - 347 304 287
15h | - 293 269 244 302 260 230 - - 328 254 484
16h | - 219 206 227 266 216 239 244 237 264 247 295
17h | - 173 211 207 210 192 237 226 207 278 211 252
18h | - 198 223 236 256 209 176 253 247 - 183 244
19h | - 265 188 270 340 247 255 257 253 - 237 297
20h | - 267 234 281 263 239 262 334 273 239 271 316
21h | 164 262 284 309 348 256 340 314 384 336 311 -
22h | 174 334 299 354 347 282 313 334 456 328 345 -
23h | 167 312 274 329 338 323 318 382 409 414 322 -
----+------------------------------------------------------------
UT | 10 11 12 13 14 15 16 17 18 19 20 21
```

Uncorrected hourly dead time percentages starting at:

```
| November 2000
UT | 10 11 12 13 14 15 16 17 18 19 20 21
----+------------------------------------------------------------
0h | - 1.9 4.5 3.1 3.4 9.2 4.2 4.0 10.7 6.2 6.3 4.4
1h | - 2.5 4.6 3.6 5.0 6.2 7.5 7.4 20.3 3.3 5.4 4.9
2h | - 3.5 8.6 5.3 5.8 6.0 7.7 11.0 54.7 8.6 7.5 9.5
3h | - 5.0 8.0 7.4 8.1 11.1 11.1 14.6 69.4 8.7 7.4 9.2
4h | - 3.9 11.9 6.5 6.2 7.8 13.4 14.5 64.6 10.6 9.3 8.2
5h | - 4.2 5.9 7.5 5.2 7.6 5.9 17.5 80.3 14.8 6.7 9.7
6h | - 3.2 4.6 6.3 6.4 6.0 6.3 23.6 69.6 13.3 13.6 5.7
7h | - 5.8 4.8 6.7 6.0 6.1 7.4 29.0 84.7 16.0 6.8 5.9
8h | - 3.8 3.4 5.7 10.4 9.7 7.2 36.6 66.7 10.6 8.0 11.8
9h | - 3.6 9.0 6.2 11.6 7.8 5.5 17.5 25.0 6.8 8.6 23.2
10h | - 5.1 7.6 7.9 6.8 7.5 11.7 9.0 19.7 7.6 7.6 6.8
11h | - 7.9 4.9 5.6 14.7 7.2 9.4 8.7 10.1 11.3 6.9 5.4
12h | - 5.4 4.4 5.5 5.9 6.1 4.5 10.9 9.3 5.5 5.2 6.5
13h | - - 3.3 4.5 6.3 4.5 3.8 - 4.5 6.0 4.0 4.4
14h | - 5.8 4.0 4.3 6.1 3.7 4.6 - - 6.4 6.8 4.4
15h | - 5.9 4.3 2.9 4.7 5.4 4.0 - - 5.0 3.2 8.1
16h | - 4.9 3.4 2.7 4.4 2.9 4.9 3.7 5.1 4.6 3.1 3.7
17h | - 2.4 3.4 3.8 3.8 2.9 3.4 3.2 3.5 3.5 3.5 3.5
18h | - 2.9 4.1 2.9 6.6 4.1 3.0 3.4 3.8 - 4.9 4.8
```

```
19h | - 5.1 3.2 3.9 6.2 4.1 4.8 5.7 5.1 - 4.5 4.7
20h | - 4.2 3.8 4.4 3.6 3.8 3.7 6.9 5.2 4.3 4.7 6.8
21h | 2.5 4.3 4.2 4.9 6.2 4.1 5.4 4.9 8.5 6.4 5.3 -
22h | 2.4 5.4 5.8 5.9 5.5 5.4 3.8 4.6 10.1 4.1 5.4 -
23h | 2.6 3.5 3.1 4.8 5.0 7.1 7.1 6.0 10.6 5.9 3.5 -
----+------------------------------------------------------
UT | 10 11 12 13 14 15 16 17 18 19 20 21
```

Notes:
. - no observations
. * counts affected by long duration echoes
. Due to many long duration echoes caused by fast and bright meteors, the counts are not a good measure of the activity of the Leonids during the peaks on 17 and 18 November. For those periods the dead-time percentages given in the second table are a much better indicator instead.

Ton Schoenmaker

Observer: Dave Swan
Location: Christchurch UK (50.47 N 1.44 W)
Receiver: Pro 2006 (modified to give a carrier detected
output for Chessell 301 pen recorder).
Sensitivity NFM: 0.5 uV (S+N)/N = 20 dB Dev: 3 kHz
at 1 kHz BW 9 kHz. Calibrated: 1/05/00
Antenna: 4 element Yagi broadband design for 50-70 MHz Gain 9.2 dBi.
Azimuth 95deg elevation 8 deg. Two 3 stage constant K
filters fitted after the antenna, (High and Low pass)
to reduce out of band interference and
intermodulation products causing spurious meteor counts.
Frequency: 62.203 MHz
Transmitter: Flensburg TV
Computer: Olivetti 386 Notebook with Meteor v 4.0 software

```
| November 2000
UT | 3 4 5 6 7 8 9 10 11 12 13 14
---+------------------------------------------------------
0h| 25 18 24 22 17 27 25 20 21 16 25
1 | 25 22 25 13 17 26 27 24 31 26 14
2 | 18 35 25 22 24 22 26 28 29 21 15
3 | 22 39 26 22 16 19 26 20 23 14 14
4 | 19 14 15 19 20 25 29 13 16 25 14
5 | 12 22 16 30 22 14 15 22 12 17 31
6 | 21 23 21 31 26 24 17 34 16 25 28
7 | 16 32 33 43 6 24 24 16 16 42 40
8 | 27 24 29 33 16 26 10 29 22 44 27
9 | 18 23 17 21 24 16 11 18 14 11 17
10 | 18 24 16 27 15 15 26 17 25 15 19
11 | 22 25 17 22 8 15 18 14 19 10 8
12 | 31 19 26 38 19 19 16 17 14 16 14
13 | 24 17 23 25 36 16 24 17 20 8 9
```

```
14 | 26 9 18 22 36 10 19 12 14 14 18
15 | 19 16 8 11 29 37 13 15 12 11 9 14
16 | 20 17 12 7 33 43 18 9 18 11 14 33
17 | 23 23 15 28 18 61 23 21 19 15 20 32
18 | 18 16 16 12 34 27 11 26 18 20 23 32
19 | 24 26 12 29 15 19 8 17 22 6 13 44
20 | 17 19 14 33 18 18 15 13 13 17 11 25
21 | 22 29 20 14 16 15 18 9 12 18 20 18
22 | 19 22 24 11 28 16 28 29 18 13 21 19
23 | 23 26 26 17 40 21 20 33 21 28 26 17
---+-----------------------------------------------------
UT | 3 4 5 6 7 8 9 10 11 12 13 14
| November 2000

| November 2000
UT | 15 16 17 18 19 20 21
---+--------------------------------
0h| 28 31 23 26 47 33 14
1 | 14 22 21 25 23 16 12
2 | 15 22 16 28 21 27 23
3 | 35 19 20 42 14 14 30
4 | 13 19 35 46 19 18 20
5 | 21 21 26 45 24 26 21
6 | 24 20 37 43 22 32 22
7 | 22 29 46 48 21 42 23
8 | 40 15 32 22 31 31 22
9 | 28 19 20 75 19 13 11
10 | 19 19 14 24 20 15 19
11 | 18 16 20 26 18 12 44
12 | 18 10 18 19 26 14 46
13 | 17 22 19 5 19 17 30
14 | 16 21 11 15 20 11 18
15 | 23 50 8 14 9 16 10
16 | 19 44 14 19 18 15 33
17 | 22 52 7 14 10 15 32
18 | 13 35 12 24 16 21 28
19 | 22 32 30 39 26 51 20
20 | 19 34 45 42 51 38
21 | 30 23 32 45 33 30
22 | 12 29 24 47 9 15
23 | 26 21 28 15 22 23
---+--------------------------------
UT | 15 16 17 18 19 20 21
| November 2000

Leonids
| November 2000
UT | 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
---+-------------------------------------------------------------
0 | 25 20 75 46 53 45 83 16 24 54 35 46 71 79 28
1 | 24 36 92 52 44 31 55 25 59 24 21 31 57 39 33
```

```
2 | 34 60 117 58 54 47 55 23 36 19 28 57 28 24 41
3 | 35 60 129 47 56 53 71 37 55 43 39 66 47 55 19
4 | 50 55 127 46 55 43 54 38 46 58 18 42 20 46 36
5 | 31 60 134 64 50 49 45 40 41 53 35 56 27 47 51
6 | 41 79 160 62 32 57 60 50 34 45 55 42 31 40 61
7 | 49 43 147 78 44 30 43 61 42 35 17 43 29 18 55
8 | 67 91 95 38 43 33 63 55 31 31 53 33 31 41 52
9 | 31 61 92 57 46 37 43 20 42 22 64 33 30 16 14
10 | 55 58 52 16 35 42 44 19 31 16 43 37 29 23 22
11 | 25 45 35 25 37 17 41 15 21 30 40 26 15 12 27
12 | 37 41 22 27 36 30 32 12 38 15 21 22 14 23 27
13 | 37 30 22 22 25 28 27 16 24 26 21 29 17 21 17
14 | 28 17 33 19 29 12 28 13 18 13 10 30 13 28 29
15 | 22 20 15 20 24 22 20 20 13 14 7 16 16 20 24
16 | 27 21 19 16 29 26 17 11 20 21 13 14 6 12 22
17 | 24 22 20 18 18 14 22 14 22 14 24 35 25 40 36
18 | 24 36 34 16 14 21 11 7 17 16 23 26 15 29 30
19 | 20 32 39 20 24 51 43 15 20 31 26 8 32 34 24 31
20 | 23 26 12 35 29 31 43 20 36 41 26 28 36 29 28 30
21 | 23 32 33 45 36 33 43 28 48 49 24 16 49 31 33 33
22 | 27 26 52 46 39 39 66 29 29 30 23 61 53 42 30 10
23 | 41 40 52 47 39 60 76 33 42 65 31 73 56 68 27 10
---+------------------------------------------------------------
UT | 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
| November 2000
```

Note:
. the November 3-21 counts were on the backup system.
Back up system: Rx AOR 3000A, 4 element Yagi Az 56 deg El 8 deg,
Transmitter 62.203 MHz Flensburg. 486 computer and Meteorv4. .
. observations on 66.62 MHz had to be abandoned because of local RF
interference. A second frequency of 62.203 MHz (Flensburg TV Tx) was used
from 3 to 21 Nov. but was also abandoned because of interference.
Testing of the frequency 55.25 MHz enabled observations to start on the
15 Nov. prior to the Leonids. Measurements of the Leonids on the 17,18 & 19
followed closely the predictions of Robert McNaught and David Asher.
Antenna azimuth was favourable for the Leonid radiant at the predicted times.

Dave Swan

Observer: Ervin Szlanicska
Location: Leg, Slovakia
Frequency: 91.75 MHz
Antenna: 3 elements Yagi +amplifier, direction: SW
Observing method: Meteor 4 program, Threshold: 10

Number of meteors in one hour intervals
17/18 November 2000

```
UT|Count| Graph
--------+-----------------------------------------------
```

```
23| 42 |****************************************
0| 41 |***************************************
1| 29 |****************************
2| 31 |******************************
3| 24 |************************
4| 36 |***********************************
5| 29 |****************************
6| 31 |******************************
7| 32 |*******************************
8| 31 |******************************
9| 30 |*****************************
10| 23 |************************
11| 19 |*******************
12| 18 |******************
13| 18 |******************
14| 31 |******************************
```

Notes:
. I built a circuit for Piere Terrier's Meteor v.4 program and it was the
first real observation of a meteor shower.

Ervin Szlanicska, via Szabolcs Kiss and Tibor Csorgei

Observer: Pierre Terrier
Location: Canet, France (3 36'E, 43 41' N)
Frequencies: 96.8 MHz (changed since previous report)
Antenna: 6-element Yagi FM, horizontal polar.
azimuth 0 deg (N-S), elevation 90 deg. (zenith)
Pre-amplifier: home made, gain 15 dB, Nf < 2 dB
Receiver: Tuner FM Continental Edison digital synthesiser TU 9945
Observing method: Electronic interface on LINE output audio signal are fed in
COM1: of PC IBM 386 25 MHz.
METEOR v 4.0 version processes the signal and records on
hard disk the time of the events.
METEOR parameters: THRESHOLD = 16
COLORGRAMME v 1.5 generates RMOB bulletin automatically

| November 2000
UT | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
---+---
0h| 1 9 5 7 5 12 9 3 7 10 7 6 7 1 6
1 | 3 13 14 13 2 12 2 3 4 15 4 6 3 8 10
2 | 5 22 12 5 7 16 10 12 12 13 5 4 11 8 6
3 | 18 43 13 8 5 14 7 11 13 16 10 10 11 3 13
4 | 21 25 9 7 5 14 4 7 17 16 3 8 12 5 18
5 | 14 14 13 9 3 17 7 9 6 20 11 8 16 4 3
6 | 17 11 8 11 7 8 8 9 11 15 7 5 12 4 5
7 | 11 14 7 5 4 22 5 9 9 9 14 2 9 4 11
8 | 6 16 6 1 0 9 8 7 5 16 6 12 14 7 11
9 | 11 5 5 8 0 3 9 26 4 9 10 12 6 6 7

```
10 | 8 6 7 2 9 8 8 27 6 9 9 8 8 7 0
11 | 9 2 3 12 6 10 5 11 18 12 11 5 3 13 10
12 | 10 7 2 7 1 8 3 7 7 9 3 4 12 6 10
13 | 5 9 4 4 1 4 6 10 8 11 8 3 8 5 5
14 | 2 5 3 6 5 5 3 4 4 6 9 6 19 6 3
15 | 0 5 7 3 2 3 3 1 5 6 8 2 11 3 2
16 | 4 3 5 6 0 2 4 6 6 3 7 8 9 0 3
17 | 2 5 7 3 7 6 8 2 6 6 13 5 5 3 8
18 | 4 5 5 3 10 5 4 5 4 4 12 8 3 2 8
19 | 4 3 5 8 8 3 6 6 7 11 13 2 3 1 7
20 | 8 7 9 7 7 11 9 9 7 11 15 8 7 4 12
21 | 9 4 3 2 12 5 3 7 4 6 15 12 0 4 13
22 | 7 7 7 4 7 7 10 9 10 6 10 7 5 12 11
23 | 6 12 10 7 10 11 7 3 9 6 13 5 3 5 4
---+-----------------------------------------------------------------------
UT | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
| November 2000

| November 2000
UT | 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
---+-----------------------------------------------------------------------
0h| 13 8 15 9 4 10 9 2 4 3 9 9 6 8 14
1 | 16 4 33 11 10 6 7 16 2 12 11 6 8 10 13
2 | 20 13 57 11 4 7 9 9 8 9 18 14 6 17 16
3 | 21 18 49 19 6 10 19 12 8 16 19 8 15 18 24
4 | 19 15 22 10 5 8 10 12 17 13 24 19 10 7 17
5 | 15 8 18 8 7 4 14 10 6 14 17 16 11 11 13
6 | 7 10 24 10 4 6 12 16 8 23 17 13 2 14 10
7 | 14 17 36 4 6 10 13 13 4 27 11 9 8 14 14
8 | 7 20 27 13 1 8 12 9 12 14 16 13 9 9 12
9 | 6 15 18 6 2 6 11 10 8 7 11 4 11 6 6
10 | 10 10 10 7 5 5 9 6 7 8 6 9 5 4 10
11 | 10 4 10 6 2 4 6 3 5 6 6 4 7 4 6
12 | 7 4 8 6 2 15 1 2 6 4 11 4 10 4 2
13 | 5 2 2 5 0 3 9 5 7 4 4 3 3 0 5
14 | 1 1 1 3 0 3 4 6 6 1 5 2 7 12 5
15 | 2 5 2 1 4 4 2 4 3 6 5 2 3 2 6
16 | 2 1 4 2 1 4 2 1 2 5 2 4 8 3 6
17 | 3 2 0 3 2 4 5 1 4 6 6 7 6 3 5
18 | 4 2 7 3 8 6 8 1 5 4 3 9 6 3 5
19 | 7 3 5 5 4 3 10 3 4 4 6 7 5 1 4
20 | 11 2 7 6 4 5 10 5 11 9 17 9 8 8 12
21 | 6 8 3 10 8 2 11 3 5 8 7 11 8 2 10
22 | 6 4 4 3 7 3 9 3 11 5 11 6 15 6 10
23 | 4 9 8 2 5 5 9 7 8 10 7 6 11 8 16
---+-----------------------------------------------------------------------
UT | 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
| November 2000

Note: data are not corrected for Sporadic E.
```

Pierre Terrier

Observer: Garfield Tsao (BM2EQB)
Location: LonTan Observatory
LonTan, TauYan, Taiwan R.O.C. (121 14'37" E, 24 52'54" N by GPS)
Frequency: 50.0169 MHz USB mode 3 kHz width.
Antenna: Comet made 50 MHz Yagi HB 4 element (gain 10.3 dBi)
astronomical azimuth 225 deg (=NE), elevation 7 deg.
Transmitter: MIYAZAKI University Japan, USB mode, 50 W (24 hours),
distance about 1225 km from Lon Tan.
Receiver: Icon PCR-1000 computer controlled all band receiver
Sensitivity: 0.25 uV for 10 dB S/N for USB mode
Observing method: the beacon 920 Hz voice signal (by FFTDSP) is
received by a low frequency filter (900 Hz)and fed into
the D/A converter and computer in real time.
Data sampling system: using an 8 bits A/D card to PC/AT and Qbasic program
with 1/8 second sampling interval to store the> 1.0 s reflections.

November 2000

2000|00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23LT
Nov|16 17 18 19 20 21 22 23 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15UT
----+--
11 | 9 11 4 5 5 8
12 |13 15 14 17 16 18 16 25 19 13 11 - - - - - - - 10 9 12 9 8 9
13 | 9 10 10 17 13 11 11 15 23 17

17 | 10
18 |20 22 32 52 46 33 59 98 88 73 28 24 20 16 10 8 11 10 12 9 8 11 11 9
19 |10 12 10 12 18 20 26 12 35 24 25 23 17 10 14

25 | 11 12 10 11 7 11
26 |12 15 24 14 26 23 17 16 15 28 21 17 12 14 21
----+--
Nov|16 17 18 19 20 21 22 23 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15UT
2000|00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23LT

November strong and long lasting echoes list

LT strength duration
dBi s
Nov 11 23h05m > 30
12 00h48m > 20
03h17m > 60
06h57m > 30
08h14m > 20
13 04h29m > 20 > 60
Leonids meteor shower:
17 11h12m > 20
18 01h05m > 20
02h34m > 20 > 300
03h00m > 300

03h23m > 60
06h01m > 60
07h16m > 20
07h19m > 300
07h36m > 300
07h44m > 60
07h50m > 120
07h56m > 120
08h14m > 60
08h29m >20
09h10m > 60
09h28m > 120
09h35m > 60
09h40m > 240
11h18m > 30
26 08h56m > 60

Garfield Tsao

Observer: Bruce Young
Location: Deception Bay, Queensland, Australia (27 30' S, 153 10' E)
Frequencies: 103.1 MHz
Transmitter: 103.1 Townsville, Queensland (1,100 km)
Location 103.1 Rockhampton, Queensland (550 km)
Both stations are almost in a straight line from here.
Antenna: 3-element Yagi FM, horizontally polarised,
azimuth NW, elevation 0 deg.
Amplifier: TV masthead amplifier 15 dB gain
Receiver: Samsung domestic type FM radio, digital tunning
Observing: Electronic interface on LINE output audio signal is fed in
method COM2: of PC IBM 486 DX2 66 MHz.
METEOR v 4.0 version processes the signal and records on
floppy disk the time of the events.
METEOR parameters: THRESHOLD = 8

| | November 2000
UT | LT | 15 16 17 18
---+----+-----------------
14h| 0 | 33 33 34 31
15 | 1 | 23 34 42 32
16 | 2 | 31 32 33 39
17 | 3 | 43 29 41 48
18 | 4 | 50 49 41 56
19 | 5 | 46 41 44 54
20 | 6 | 46 63 60 75
21 | 7 | 43 46 75 92
22 | 8 | 31 53 51 83
23 | 9 | 53 30 34 104
0 | 10 | 20 29 30 60
1 | 11 | 10 16 18 62

2 | 12 | 16 27 28 76
3 | 13 | 21 28 31 38
4 | 14 | 18 29 31 32
5 | 15 | 21 14 20 26
6 | 16 | 18 18 12
7 | 17 | 24 15 14
8 | 18 | 26 7 13
9 | 19 | 6 14 28
10 | 20 | 16 20 14
11 | 21 | 26 22 17
12 | 22 | 30 27 35
13 | 23 | 20 32 38
---+----+-----------------
UT | LT | 15 16 17 18
| | November 2000

Bruce Young

2. ABOUT THE RMOB

The RMOB is an independent initiative of some workers in the field of radio meteor scatter observations and data reduction. It started in August 1993 in order to spread rapidly the Perseid results via E-mail. Since then, it has appeared monthly, and it has gradually been expanded. In regularly publishing summaries of observations, potential radio observers are kept up to date of existing installations, possibilities and limitations of radio meteor observations. In the long run, there should be sufficient observing stations to cover the whole globe, allowing to detect stream outbursts which may remain unnoticed visually.

RMOB contains typically: summaries of recent observations, equipment data, first results of stream activity by radio methods, relations between radio and optical meteors, references to other publications in the field of meteor astronomy and radio scatter techniques, announcements of meetings, short questions and answers, non-commercial (second hand) sale of radio equipment, available software.

Contributors are mentioned, and interested persons are asked to contact them directly.

RMOB can be copied freely in unabridged and unmodified form. Extracts should indicate the source (Radio Meteor Obs Bulletin, month and year).

If you want to subscribe (or un-subscribe) to the E-mail distribution list, please send a message to C. Steyaert.
Those not having access to E-mail can obtain a printed copy free of charge from J. Van Wassenhove (current or back-issues).

3. ANNOUNCEMENT

LOOKING FOR HELP ON METEOR TRACKING

Date: 21-Nov-00 05:00 CET
From: "William E. Diggs" <wdiggs@mc.net>
Subject: AMATEUR METEOR TRACKING

Dear Mr. Steyaert,

This is a copy of a message that was sent to Mr. Pocock at the ARRL's "The World Above 50 MHZ" column.

As you can see from the e-mail, we are looking for information on meteor tracking using radio techniques. If you have any information that may be of assistance in this regard, please let us hear from you.

" I wonder if you may be able to assist us. We would like to set up a network of amateur radio meteor tracking stations to plot the path of meteors entering the atmosphere in real, or near real, time.

I have been given to understand that a small number of scientific researchers have been doing this, and that computer programs have been developed to help facilitated their efforts.

If you know of any hams actively involved with meteor tracking or, if you know of any who may be able to assist us in setting up such a program, or for that matter, would be interested in becoming involved with an amateur effort, please let me hear from you."

Thank you,

William E. Diggs -WB9NLI-

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Visual RMOB web site : http://page.to/rmob/

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Ilkka Yrj&#65533;l&#65533;
Jukolantie 16, FIN-45740 Kuusankoski, Finland
mailto:oh5iy@sci.fi
http://www.sci.fi/~oh5iy/
Call: OH5IY, packet radio: OH5IY@OH5RBG.#KVL.FIN.EU

--
Christian Steyaert (RMOB0011) 7 December 2000
--

3247. Re: When will the new Kenwood 2000 be out?

Newsgroup: rec.radio.amateur.space
Date: 2000-12-07 00:00:00 UTC
From: Drew <Drew@metuk.net>
Message-ID: <5pUX5.25438$eT4.1915008@nnrp3.clara.net>
Source record: 7483

Eddie WB4MLE wrote in message
news:094j2t04kn4l8kgehtmitbdr4l1d191h2k@4ax.com...

> I thought so also until I read that the secondary receiver is AM or FM
> only. Apparently will not monitor a ssb/cw downlink while you transmit
> ssb/cw on the uplink. Hope this proves to NOT be correct, but.....

I think there has been some mistake in the advanced publicity.
I have more up to date specifications.

The radio has full Sat capability
You can listen to two frequencies within the same band at once but only in
AM or FM
This is limited to 50/144/430/440/1200Mhz
Or receive all mode on any of the above bands plus receive 144/430/440 AM or
FM
using the sub band receiver.

If anyone wants a copy of the technical spec, e-mail me and I'll send it yo
you.
It's in PDF format so you will need Acrobat.

Regards

Drew
GM0BRJ

3248. Re: Fod Track up and running!

Newsgroup: rec.radio.amateur.space
Date: 2000-12-07 00:00:00 UTC
From: Dennis Kaylor <k4oxg@earthlink.net>
Message-ID: <3A301B56.42EDFF7@earthlink.net>
Source record: 7484

thanks gerry then i assume its like the kansas city tracker board and others i have seen on the market
cool i am glad you got it working unfortunatly i dont have any rotors new enough to utitlize anyhting like that i have to do things the hard way
73 de k4oxg

Gerry wrote:

> It's a tracking interface to go between a computer and az/el rotor. Then,
> by running a software program the antennas will track an orbiting object
> automatically. KA3HSW organized a group board buy here over the
> ummer. -Gerry
>
> "Dennis Kaylor" <k4oxg@earthlink.net> wrote in message
> news:3A2F1629.30CE2233@earthlink.net...
> > hey gerry
> > could you give me info on what you just built i have never heard of it i
> am
> > internsted
> > thanks
> >
> > Gerry wrote:
> >
> > > Well I got my two Fod Track boards running tonight. Finished assembly 3
> > > nights ago, but they didn't work initially. Debugged the last couple of
> > > nights and got it solved tonight! So far I have just used the Fod track
> > > program, and I need to finish calibration, but they work! I am psyched!
> :)
> > >
> > > Anyone else got theirs working?
> > >
> > > -Gerry KA1STZ
> >

3249. Cure for P3Ddecoder errors

Newsgroup: rec.radio.amateur.space
Date: 2000-12-07 00:00:00 UTC
From: "Dr. Robert Suding" <robert@qadas.com>
Message-ID: <3A304256.AF5D0DD3@qadas.com>
Source record: 7485

I frequently find that no matter how I adjust the receiver or decoder, I just can't get rid of the obvious printout errors.

I finally found a way to get almost perfect printouts every time.

I use an SSTV program called ChromaPix that has a graphical spectral display appropriate to SSTV. I tune in the AO-40 telemetry on my Yaesu 736R so that the notch between the 2 frequencies falls on about 1600 Hz. (the SSTV Black frequency marker is 1500 Hz.) Then each of the frequencies will appear as a flat-topped band on either side of the notch.

However, I usually find that one of the bands is larger than the other. So then I turn the IF Shift knob on the 736R until I have equal sized bands on either side of the center notch. Then I turn off ChromaPix and turn on Nino's program. (Only one program can use the SoundBlaster program at a time).

I now put the program's cursor arrow on top of the fuzzy grey strip between the 2 frequency bands and I will have perfect copy even when the signal gets very weak. If doppler drift occurs, I adjust the receiver main knob to keep the red marker lines on the 2 carrier frequencies..

You should also check the telemetry audio level being input to your SoundBlaster card. Double click on the Speaker icon in the lower right corner of your screen. Then click on "Options", "Properties", and select "Recording" and click "OK". Make sure your telemetry audio level is all Green and one segment of Yellow. Adust the microphone or line input slider to raise or lower the VU display level. When done, turn off or minimize the slider display.

You can download a shareware copy of CPIX from
http://www.siliconpixels.com/cpix/cpdld.htm

Robert W0LMD

3250. Re: DSP-2232 New Modems???

Newsgroup: rec.radio.amateur.space
Date: 2000-12-07 01:59:48 UTC
From: Rob Kling <rkling@home.com>
Message-ID: <oaCX5.136006$hD4.33608373@news1.rdc1.mi.home.com>
Source record: 7475

I think Rob is correct in that it should be easy to build a device capable of the same things as the DSP2232. It seems that he overlooked one very important thing "KISS". The computer industry is moving to appliance type devices not devices that need a full blown OS and special drivers to run. I like the stand-alone, dumb terminal interface of the DSP2232, this is what makes it a TNC. I have had my DSP2232 on DOS, Win 31, Win95, Win2000 and Linux. In fact it is the only device that has lasted through all the upgrades. It works very well, even with its old technology. I think he is correct in the fact that the DSP2232 needs a "Millennium Update", new modems, audio filtering etc but the basic concept should be maintained. Manufacturers need to make more devices that are stand-alone and that can be interfaced in a standard way. Serial is simple and fast enough for most needs, if not then USB certainly is. I think ICOM has the best approach, a bus that you can attach several devices to. Imagine you just get a new radio you attach it to your network of radio stuff and it is completely integrated. Your software knows about it and so do all the other devices. You could do this with a TNC, a rotor, GPS unit etc. That is a real step forward, whether it uses a Z80 processor means nothing. After many years programming computers I have realized that all bytes have 8 bits.

Rob Kling

Mainframe byte = UNIX byte = Fortan byte = C byte = Z80 byte = Intel byte....

"Rob Janssen" <nomail@rob.knoware.nl> wrote in message news:slrn91n9a4.cmc.nomail@linux.pe1chl.ampr.org...
> Randall R. Gawtry. <rgawtry@timewave.com> wrote:
> >7. This discussion is about the DSP-2232 only and does not reflect on any
> >other Timewave products, past, present or future!
>
> Maybe it would be a good idea to look again at a versatile DSP box for
> amateur radio, but then not driven by obsolete Z-80 technology.
> The box does not need processing power aside of the DSP, as the PC in every
> shack is more than capable of performing the tasks that the Z-80 performed
> in the days when it was assumed the box was used with a dumb terminal.
>
> A modern box could be USB-connected and would only do the modem and/or
> filtering functions. The DSP code would be downloaded by an application
> running on the PC. This application would also perform all of the higher-
> level functionality, which is now split between the Z-80 and the pakratt
> program running on the PC.
>
> The box would have both audio inputs and outputs (and a headset/amplified

> speaker connection). At most there would be some simple control features
> (a couple of buttons and maybe a knob with a shaft encoder), which can
> be read by the PC application and used to adjust some parameters while
> operating the transceiver.
>
> Such a device could be built from a really small number of components
> similar to those found in very common PC devices. So even at a low
> volume, the component price should be no real problem.
>
>
> Of course, one can also just use the soundcard. It requires some more
> CPU power from the PC, but it has an unbeatable price.
>
> Rob
> --
> +---------------------------------+--------------------------------------+
> | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
> | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
> +---------------------------------+--------------------------------------+

3251. Re: Fod Track up and running!

Newsgroup: rec.radio.amateur.space
Date: 2000-12-07 04:46:35 UTC
From: Dennis Kaylor <k4oxg@earthlink.net>
Message-ID: <3A2F1629.30CE2233@earthlink.net>
Source record: 7476

hey gerry
could you give me info on what you just built i have never heard of it i am
internsted
thanks

Gerry wrote:

> Well I got my two Fod Track boards running tonight. Finished assembly 3
> nights ago, but they didn't work initially. Debugged the last couple of
> nights and got it solved tonight! So far I have just used the Fod track
> program, and I need to finish calibration, but they work! I am psyched! :)
>
> Anyone else got theirs working?
>
> -Gerry KA1STZ

3252. FS: Paccomm, PSK-1

Newsgroup: rec.radio.amateur.space
Date: 2000-12-07 18:20:17 UTC
From: N1RZ <n1rz@timhavens.com>
Message-ID: <1xQX5.4939$Dy6.250303@news-east.usenetserver.com>
Source record: 7486

See Details: http://www.timhavens.com/n1rz/rigs/psk1.html

3253. Re: BASIC Vb6 Track source

Newsgroup: rec.radio.amateur.space
Date: 2000-12-08 17:08:00 UTC
From: Franko <hb9oab>
Message-ID: <90r4hk$ev1$1@bw107zhb.bluewin.ch>
Source record: 7487

PROFESSOR ROB...
if you do not like this question pse do not read!

SIMPLE----> = don't read!

Any correct interval is the best solution.... for new people or is the NG
only for your unusually reply?!?

Please don't reply with this useless subscript!
Write minus reply and say better with Hamspirit!
Your reply is to big bytes that my question!

hb9oab@amsat.org
WlogTeam
www.wlog2000.com

> >I search any simple source code for AZ El and PH with VB6 or VB5 for sat
> >keplers.
>
> Please don't ask the same question over and over within short time
> interval.
>
> No response = apparently nobody has it or knows where to find it.
>
> (many tracking programs in C can be found)
>
> Rob
> --
> +--------------------------------+--------------------------------------+
> | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
> | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
> +--------------------------------+--------------------------------------+

3254. Antenna needed for EME??

Newsgroup: rec.radio.amateur.space
Date: 2000-12-08 18:53:25 UTC
From: Randy Mclean <rmclean@no_address.com>
Message-ID: <328E43C84DBDC892.9329C23FFB05EF93.8CA4612CAA8C1B2D@lp.airnews.net>
Source record: 7488
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.space

Hello,
Next summer I am planing on setting up a Satellite station. I intend to use the m2 2MCP22(2m 22 element cross polarized yagi) and 436CP42UG(440mhz 42 element cross polarized yagi) with the yaesu G-5500 azimuth/elevation rotator. My question is, how well would this setup work for EME, if at all? I've been told that you need array of many antennas to work EME, is this true?? Thanks.

If you wish to reply via email please use my email address on Qrz.com as I do not use my true email address on Usenet for Spam reasons.

--
73 de k5drm
Randy Mclean

3255. Re: Antenna needed for EME??

Newsgroup: rec.radio.amateur.space
Date: 2000-12-08 19:20:16 UTC
From: Disposable Hero <NoFixxxer@XHotmail.com>
Message-ID: <QvaY5.60810$i%4.1603197@news20.bellglobal.com>
Source record: 7489
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.space

Sounds like trying to hit a Freight Train with a Bee Bee Gun.

"Randy Mclean" <rmclean@no_address.com> wrote in message
news:328E43C84DBDC892.9329C23FFB05EF93.8CA4612CAA8C1B2D@lp.airnews.net...
> Hello,
> Next summer I am planing on setting up a Satellite station. I intend
> to use the m2 2MCP22(2m 22 element cross polarized yagi) and
> 436CP42UG(440mhz 42 element cross polarized yagi) with the yaesu G-5500
> azimuth/elevation rotator. My question is, how well would this setup
> work for EME, if at all? I've been told that you need array of many
> antennas to work EME, is this true?? Thanks.
>
>
> If you wish to reply via email please use my email address on Qrz.com as
> I do not use my true email address on Usenet for Spam reasons.
>
> --
> 73 de k5drm
> Randy Mclean
>
>
>

3256. Re: Unable to decode AO-40 data

Newsgroup: rec.radio.amateur.space
Date: 2000-12-08 19:51:39 UTC
From: jimmy john <jj@sandwitch.org>
Message-ID: <4A8A59F2BDCDD311BFC800508BA36AC805E687DF@www.premiersi.com>
Source record: 7490

It was a realaudio file, but I don't recall the exact URL (I do remember is
was not listed on the "index" page of audio captures, because I went looking
for additional ones to try playing. It would be very embarassing if I've
been using something else entirely!

don

"N1RZ" <n1rz@timhavens.com> wrote in message
news:9HQX5.5029$Dy6.252913@news-east.usenetserver.com...
> N1RZ here....
>
> Don, what audio file of AO-40 are you talking about? I don't think I've
> got any such recording on my site at this point for AO-40. I can't
> remember....but I am pretty certain I don't have one posted.....
>
> There are a LOT of folks that are running streaming live audio of AO-40
> now.....
>
> Here is an email I got recently listing several Internet Live audio
> links....
>
> All
>
> The PSK-1 P3T server on 194.222.101.137:1024 seems to be working better
than
> previously. However I do have to switch polarization on the antennas on
> occasion during the day. As you can appreciate I'm at work so I can't
always
> do this quickly.
>
> The 194.222.101.137:1025 server is an IZ8BLY decoder and I am having
> difficulty keeping this tracking correctly. Again, being away from the
shack
> while AO-40's up it's proving difficult to track the faults.
>
> I'm suffering a great deal from local QRM at my QTH (Central London)
during
> the day so the quality of the data can be quite bad quality at times.
Early
> morning seems OK.
>
> The http://194.222.101.137:1033 audio/video feed seems to be working OK,
> although can be a bit clunky. Remember to open in Windows Media Player,
not
> a browser! Keep in mind that this is often swithced off when AO-40's not

> overhead or I'm fiddling with something in the shack, which may be being
> done remotely so I need the bandwidth!
>
> 73 Howard G6LVB
>
> ----
> Via the amsat-bb mailing list at AMSAT.ORG courtesy of AMSAT-NA.
> To unsubscribe, send "unsubscribe amsat-bb" to Majordomo@amsat.org
>
>
>
>
> "don" <kg9qm@nomail.net> wrote in message
> news:7PiV5.384$75.281563@news1.iquest.net...
> > I've been trying to make the IZ8BLY decoder work with no luck. Frankly
I
> don't
> > know what I'm doing wrong.
> >
> > I'm using the "default" settings on the P3D decoder, which has these
> values.
> >
> > Center frequency = 1600
> > Clock Sync IIR Size = 256
> > Clock sync attack factor = 32
> > AFC attack factor = 0.025
> >
> > I'm playing back the audio file recorded by N1RZ that's on timhavens.com
> >
> > My "phase scope" spins madly about - should it tend towards just two
> directions
> > (as in logical "0" or "1")?
> >
> > The "Center frequency" bounces around 800 or so (instead of the value
> given in
> > the configuration).
> >
> > There are two horizontal marks that track with my mouse, but seem to do
> > nothing. What are these?
> >
> > I'd fire email off to IZ8BLY, but reportedly he is too busy right now to
> deal
> > with emails.
> >
> > Not knowing what things SHOULD look like hampers my attempts to figure
out
> > whats wrong.
> >
> > If you have gotten it to work, please try to explain how you did it.
> >

> > thanks,
> >
> > don
> >
>

3257. Re: Unable to decode AO-40 data

Newsgroup: rec.radio.amateur.space
Date: 2000-12-08 19:57:20 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn932f90.rkh.nomail@linux.pe1chl.ampr.org>
Source record: 7494

jimmy john <jj@sandwitch.org> wrote:

>It was a realaudio file, but I don't recall the exact URL (I do remember is
>was not listed on the "index" page of audio captures, because I went looking
>for additional ones to try playing. It would be very embarassing if I've
>been using something else entirely!

Those realaudio and mp3 files are meant to get the idea of the beacon
sound. I would be amazed when you could actually decode from such a file.
Realaudio and mp3 are lossy compression algorithms, that are likely to
discard phase changes first.

Try a wav file, that will work.

Rob
--
+--------------------------------+-------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+-------------------------------------+

3258. Re: Antenna needed for EME??

Newsgroup: rec.radio.amateur.space
Date: 2000-12-08 19:58:27 UTC
From: Dan/W4NTI <w4nti@my-deja.com>
Message-ID: <90regv$23d$1@nnrp1.deja.com>
Source record: 7491
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.space

In article
<328E43C84DBDC892.9329C23FFB05EF93.8CA4612CAA8C1B2D@lp.airnews.net>,
rmclean@no_address.com wrote:
> Hello,
> Next summer I am planing on setting up a Satellite station. I
intend
> to use the m2 2MCP22(2m 22 element cross polarized yagi) and
> 436CP42UG(440mhz 42 element cross polarized yagi) with the yaesu G-
5500
> azimuth/elevation rotator. My question is, how well would this setup
> work for EME, if at all? I've been told that you need array of many
> antennas to work EME, is this true?? Thanks.
>
> If you wish to reply via email please use my email address on Qrz.com
as
> I do not use my true email address on Usenet for Spam reasons.
>
> --
> 73 de k5drm
> Randy Mclean
>
>
Depending on the frequency range in question a antenna gain in the
order of 20 db is considered normal for EME.

Dan/W4NTI

--
"Just tellin the truth, and they cain't stand it."

Sent via Deja.com http://www.deja.com/
Before you buy.

3259. Re: Antenna needed for EME??

Newsgroup: rec.radio.amateur.space
Date: 2000-12-08 20:11:01 UTC
From: Dennis Kaylor <k4oxg@earthlink.net>
Message-ID: <3A314053.886B570B@earthlink.net>
Source record: 7492
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.space

i would suggest stacking atleast 2 of each to improve gain and actually 4
would be ever better and you will need atleast 160 watts
there is a lot of signal loss between the earth and the moon and back and
you will also need a good preamp
good luck

Randy Mclean wrote:

> Hello,
> Next summer I am planing on setting up a Satellite station. I intend
> to use the m2 2MCP22(2m 22 element cross polarized yagi) and
> 436CP42UG(440mhz 42 element cross polarized yagi) with the yaesu G-5500
> azimuth/elevation rotator. My question is, how well would this setup
> work for EME, if at all? I've been told that you need array of many
> antennas to work EME, is this true?? Thanks.
>
> If you wish to reply via email please use my email address on Qrz.com as
> I do not use my true email address on Usenet for Spam reasons.
>
> --
> 73 de k5drm
> Randy Mclean

3260. Re: Antenna needed for EME??

Newsgroup: rec.radio.amateur.space
Date: 2000-12-08 20:20:29 UTC
From: no_spam_n7ws@azstarnet.com
Message-ID: <3a313be4.21186008@news.azstarnet.com>
Source record: 7493
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.space

On Fri, 08 Dec 2000 12:53:25 -0600, Randy Mclean <rmclean@no_address.com> wrote:

>Hello,
> Next summer I am planing on setting up a Satellite station. I intend
>to use the m2 2MCP22(2m 22 element cross polarized yagi) and
>436CP42UG(440mhz 42 element cross polarized yagi) with the yaesu G-5500
>azimuth/elevation rotator. My question is, how well would this setup
>work for EME, if at all? I've been told that you need array of many
>antennas to work EME, is this true?? Thanks.

Randy,

For 2m EME I would suggest a minimum antenna gain of 20 dBi, at least 1KW to the antenna and a noise figure of about 1 dB.

You can work some of the "big guns" (W5UN, KB8RQ, SM5FRH, F3VS, et.al) with less but that's about it. I have worked all of these guys using 1KW out, a HB 17 el, 3.2 wavelength Yagi, 180' of 1/2" Heliax and a 0.8 dB NF preamp (in the shack).

Before changing QTH, I had four of these Yagis and a short run of RG-17 and could hear my echoes about half of the time. I don't believe you are really EME capable until you can hear your own echoes.

Wes N7WS

>
>
>If you wish to reply via email please use my email address on Qrz.com as
>I do not use my true email address on Usenet for Spam reasons.
>
>--
>73 de k5drm
>Randy Mclean
>
>
>

3261. Re: Cure for P3Ddecoder errors

Newsgroup: rec.radio.amateur.space
Date: 2000-12-08 20:57:25 UTC
From: "Alan P. Biddle" <APBIDDLE@ATEEANDTEA.NOT>
Message-ID: <7mi23t05flr5qqq4emop8f578k6c6vrf80@4ax.com>
Source record: 7495

Robert,

Good tip. You can get the same display by going to
http://www.monumental.com/rshorne/gram.html and getting the real time
FFT program here. You can set up frequency markers easily. Probably
works no better, but it is a much smaller dedicated freeware program.

--
Alan
WA4SCA

For E-mail reply, please reply to:
Napbiddle@att.net, removing the "N"
from the front, since the other address
is reserved for spam only.

3262. Re: Antenna needed for EME??

Newsgroup: rec.radio.amateur.space
Date: 2000-12-08 22:32:49 UTC
From: Randy Mclean <rmclean@no_address.com>
Message-ID: <717693862E59B8B9.908F47237147A965.64216E0B98F21070@lp.airnews.net>
Source record: 7496
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.space

First, I want to thank all the people for the replies. I do have a few more questions. You suggest "Stacking 2 of each". Do you mean stacking them in series or parallel to each other. Others replied that I need min of 20db gain, would "stacking" two add the gain of two antennas? Also to connect the two antenna to the same coax would i use a Y-connector??

Let me see if I understand if I "stack" 2 2MCP22 antennas each having 16db gain would that give me 32db gain??

Thanks Again?

Dennis Kaylor wrote:

> i would suggest stacking atleast 2 of each to improve gain and actually 4
> would be ever better and you will need atleast 160 watts
> there is a lot of signal loss between the earth and the moon and back and
> you will also need a good preamp
> good luck
>
> Randy Mclean wrote:
>
> > Hello,
> > Next summer I am planing on setting up a Satellite station. I intend
> > to use the m2 2MCP22(2m 22 element cross polarized yagi) and
> > 436CP42UG(440mhz 42 element cross polarized yagi) with the yaesu G-5500
> > azimuth/elevation rotator. My question is, how well would this setup
> > work for EME, if at all? I've been told that you need array of many
> > antennas to work EME, is this true?? Thanks.
> >
> > If you wish to reply via email please use my email address on Qrz.com as
> > I do not use my true email address on Usenet for Spam reasons.
> >
> > --
> > 73 de k5drm
> > Randy Mclean

--
Randy Mclean
Administrator of Novell, UNIX, NT, Network Security, and/or any thing else that users break around here(WHY IS THAT???)!

3263. Re: Antenna needed for EME??

Newsgroup: rec.radio.amateur.space
Date: 2000-12-08 23:28:40 UTC
From: Dan/W4NTI <w4nti@my-deja.com>
Message-ID: <90rqr2cig1@nnrp1.deja.com>
Source record: 7497
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.space

In article
<717693862E59B8B9.908F47237147A965.64216E0B98F21070@lp.airnews.net>,
rmclean@no_address.com wrote:
> First, I want to thank all the people for the replies. I do have a
few more
> questions. You suggest "Stacking 2 of each". Do you mean stacking
them in
> series or parallel to each other. Others replied that I need min of
20db gain,
> would "stacking" two add the gain of two antennas? Also to connect
the two
> antenna to the same coax would i use a Y-connector??
>
> Let me see if I understand if I "stack" 2 2MCP22 antennas each having
16db gain
> would that give me 32db gain??
>
> Thanks Again?
>
> Dennis Kaylor wrote:
>
> > i would suggest stacking atleast 2 of each to improve gain and
actually 4
> > would be ever better and you will need atleast 160 watts
> > there is a lot of signal loss between the earth and the moon and
back and
> > you will also need a good preamp
> > good luck
> >
> > Randy Mclean wrote:
> >
> > > Hello,
> > > Next summer I am planing on setting up a Satellite station. I
intend
> > > to use the m2 2MCP22(2m 22 element cross polarized yagi) and
> > > 436CP42UG(440mhz 42 element cross polarized yagi) with the yaesu
G-5500
> > > azimuth/elevation rotator. My question is, how well would this
setup
> > > work for EME, if at all? I've been told that you need array of
many
> > > antennas to work EME, is this true?? Thanks.
> > >

> > > If you wish to reply via email please use my email address on
Qrz.com as
> > > I do not use my true email address on Usenet for Spam reasons.
> > >
> > > --
> > > 73 de k5drm
> > > Randy Mclean
>
> --
> Randy Mclean
> Administrator of Novell, UNIX, NT, Network Security, and/or any thing
else that
> users break around here(WHY IS THAT???)!
>
>
When you stack another equivilant antenna you will get about 3db of
gain, better fb/fs and sharper pattern.

Stacking means one on top of the other. Then if you add two more you
put them beside the other two. Parallel feed.

Dan/W4NTI

p/s See a good VHF antenna book for more info.

--

Sent via Deja.com http://www.deja.com/
Before you buy.

3264. Re: Antenna needed for EME??

Newsgroup: rec.radio.amateur.space
Date: 2000-12-08 23:34:57 UTC
From: KC8JBO <kc8jbo@my-deja.com>
Message-ID: <90rr70cuj1@nnrp1.deja.com>
Source record: 7498
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.space

In article <90rqr2cig1@nnrp1.deja.com>,
Dan/W4NTI <w4nti@my-deja.com> wrote:
> In article
> <717693862E59B8B9.908F47237147A965.64216E0B98F21070@lp.airnews.net>,
> rmclean@no_address.com wrote:
> > First, I want to thank all the people for the replies. I do have a
> few more
> > questions. You suggest "Stacking 2 of each". Do you mean stacking
> them in
> > series or parallel to each other. Others replied that I need min of
> 20db gain,
> > would "stacking" two add the gain of two antennas? Also to connect
> the two
> > antenna to the same coax would i use a Y-connector??
> >
> > Let me see if I understand if I "stack" 2 2MCP22 antennas each
having
> 16db gain
> > would that give me 32db gain??
> >
> > Thanks Again?
> >
> > Dennis Kaylor wrote:
> >
> > > i would suggest stacking atleast 2 of each to improve gain and
> actually 4
> > > would be ever better and you will need atleast 160 watts
> > > there is a lot of signal loss between the earth and the moon and
> back and
> > > you will also need a good preamp
> > > good luck
> > >
> > > Randy Mclean wrote:
> > >
> > > > Hello,
> > > > Next summer I am planing on setting up a Satellite station.
I
> intend
> > > > to use the m2 2MCP22(2m 22 element cross polarized yagi) and
> > > > 436CP42UG(440mhz 42 element cross polarized yagi) with the yaesu
> G-5500
> > > > azimuth/elevation rotator. My question is, how well would this
> setup

> > > > work for EME, if at all? I've been told that you need array of
> many
> > > > antennas to work EME, is this true?? Thanks.
> > > >
> > > > If you wish to reply via email please use my email address on
> Qrz.com as
> > > > I do not use my true email address on Usenet for Spam reasons.
> > > >
> > > > --
> > > > 73 de k5drm
> > > > Randy Mclean
> >
> > --
> > Randy Mclean
> > Administrator of Novell, UNIX, NT, Network Security, and/or any
thing
> else that
> > users break around here(WHY IS THAT???)!
> >
> >
> When you stack another equivilant antenna you will get about 3db of
> gain, better fb/fs and sharper pattern.
>
> Stacking means one on top of the other. Then if you add two more you
> put them beside the other two. Parallel feed.

Yeah, and if you really want to see a "stack" (of SHIT) you'll check
out Jeswald's horrible picture.

> Dan/W4NTI
>
> p/s See a good VHF antenna book for more info.

Translation : "I'm copping out, because I don't know the answer."
--
73 de Roger, KC8JBO
EM99 |ARRL|VE [ARRL & W5YI]|ARES |RACES
Yaesu FT-920 |Inverted Vee @ 40 ft.
Yaesu FT-90R

Sent via Deja.com http://www.deja.com/
Before you buy.

3265. AO-40 K-band telemetry?

Newsgroup: rec.radio.amateur.space
Date: 2000-12-09 01:01:39 UTC
From: Peter Delmotte <delmo@tele.kotnet.org>
Message-ID: <Pine.LNX.4.21.0012090140001.877-100000@popov.esat.kuleuven.ac.be>
Source record: 7399

Hi,

i just spoke to Danny, ON4AOD. He's the guy who built the
24 GHz transmitter on AO-40.
It seems that the 24 GHz transmitter was tested briefly.
Unfortunately, nobody seems to have paid attention to the
value of the K-band TX-power telemetry while the transmitter
was active. So if you have some old telemetry data, it would
be interesting to check if you can find a frame with the
K-band TX bit set. If so, we would be very interested in
the value of field #11A at the same time, because this would
tell us if the transmitter is really working.

greetings,

Peter Delmotte, ON4CDQ.

3266. bandpass transmitter question (FO-20 & FO-29)

Newsgroup: rec.radio.amateur.space
Date: 2000-12-09 01:28:42 UTC
From: meteu <meteu@bwi.net>
Message-ID: <90s2jchlg1@news.bewellnet.com>
Source record: 7400

How do I find a uplink and downlink freq. for FO-20 & 29? I think that if i hear a signal on the downlink i need to do a calculation to find the uplink freq but i don't know how.

I think AO-40 will be working the same way once it's opperational for general use.

thanks,

- Carl
KB9UNG

"It just goes to show you, it's always something. If it's not one thing it's another."
- Gilda Radner as Roseanne Roseannadanna

3267. PacComm PSK1 help

Newsgroup: rec.radio.amateur.space
Date: 2000-12-09 03:09:08 UTC
From: John Kuklinski <jtkuk@bellsouth.net>
Message-ID: <LmhY5.3461$Rk.79360@news1.atl>
Source record: 7401

I'm in need of a copy of the manual for the PSK1 as well as the pin-out for
the telemetry connector.
Any help would be greatly appreciated. I will pay for copies and mail fees.

TNX

John. N4PLY

3268. Re: bandpass transmitter question (FO-20 & FO-29)

Newsgroup: rec.radio.amateur.space
Date: 2000-12-09 06:48:33 UTC
From: Bob Morehouse <nobobmorespam@pacifier.com>
Message-ID: <3A31D5C1.2F6D9DF5@pacifier.com>
Source record: 7402

The band plan for FO-20 and FO-29 is as follows:

The VHF uplink runs from 145.90 to 146.00
The UHF downlink is from 435.80 to 435.90
The center of the passbands should meet around 145.95/435.85

The transponder is linear and inverting; you transmit on LSB (or cw) and receive on USB (or cw), and when transmitting at the low end of the uplink, it comes down at the high end of the downlink.

So, if you are transmitting at 145.90, you will come down at approx. 435.90.

Here is an approx. scale you can go by:

downlink: 435.800 .810 .820 .830 .840 .850 .860 .870 .880
.890 435.900
| | | | | | | | |
| |
uplink: 146.000 .990 .980 .970 .960 .950 .940 .930 .920
.910 145.900

Remember to take into consideration the doppler effect, as your downlink will shift as the bird comes toward and then away from you.

Bob, KB7ADO

Do not use REPLY button
If replying direct, send to: bobmore@pacifier.com

3269. Updated AO-40 Keps. Element set #5

Newsgroup: rec.radio.amateur.space
Date: 2000-12-09 23:06:56 UTC
From: vlfiscus@mcn.net
Message-ID: <t35eog9hue0c74@news.supernews.com>
Source record: 7403

Heres updated keps for AO-40. NORAD sets will still have problems until they can distinguish AO-40 from other launch objects. These are provided by Ken Ernandes, N2WWD.

Below is the current state vector and Keplerian element estimate for AMSAT OSCAR 40.

Vector format = 7
Satellite Name: AO-40 / OSCAR 40
Catalog Number: 26609 00072B
Epoch Date/Time: 343.50000000000
12/08/2000 12:00:00.000 UTC
ECI X: -11200.159135575 km
Y: -43794.661976426 km
Z: 1345.53214763604 km
Xdot: 1.57306794064000 km/s
Ydot: -0.0192097725400 km/s
Zdot: 0.15371053026000 km/s
ndot/2 (drag): 0.00000000690 rev/day^2
nddt/6: 0.00000E+00 rev/day^3
Bstar: 1.23081E-05 1/Earth Radii
Elset #: 5
Rev @ Epoch: 45.09033523945

The following Keplerian elements were computed from this vector:

AO-40 / OSCAR 40
1 26609U 00072B 00343.50000000 .00000001 00000-0 12308-4 0 54
2 26609 6.3783 240.2081 7347480 190.5533 201.9831 2.03015472 455

Satellite: AO-40 / OSCAR 40
Catalog number: 26609
Epoch time: 00343.50000000
Element set: 5
Inclination: 6.3783 deg
RA of node: 240.2081 deg
Eccentricity: 0.7347480
Arg of perigee: 190.5533 deg
Mean anomaly: 201.9831 deg
Mean motion: 2.03015472 rev/day
Decay rate: 6.90000e-09 rev/day^2
Epoch rev: 45
Checksum: 239

Ken Ernandes, N2WWD
n2wwd@amsat.org

3270. vert/horz/RHCP/LHCP from CP yagis

Newsgroup: rec.radio.amateur.space
Date: 2000-12-10 00:40:48 UTC
From: nick <ku2a@jlc.net>
Message-ID: <3A32D10F.72ABA23E@jlc.net>
Source record: 7404

I'm looking for a simple method of switching between four polarizations
using a vertical and a horizontal feed. I think I've seen articles on
the subject
but can't imagine it being very simple with impedance and phasing lines.

thanks -Nick

3271. Is the ISS still using 143.6250

Newsgroup: rec.radio.amateur.space
Date: 2000-12-10 01:13:06 UTC
From: Pervert_Extraordinaire <valued_customer1@att.com>
Message-ID: <3A3302D3.66E6D0@att.com>
Source record: 7405

I've not received any transmissions in several recent
ISS overflights. The last was a 73DEG elevation!!

Did I miss something?

3272. Re: Is the ISS still using 143.6250

Newsgroup: rec.radio.amateur.space
Date: 2000-12-10 01:20:17 UTC
From: David Bate <davebate@home.com>
Message-ID: <ITAY5.90982$3u1.24264234@news3.rdc1.on.home.com>
Source record: 7406

> I've not received any transmissions in several recent
> ISS overflights. The last was a 73DEG elevation!!
>
> Did I miss something?

I am sure that I read some where that while a shuttle or a operational Soyuz flight is docked, the 143.625 MHz channel is not used. Either the 130.167 MHz channel is used or the comms are linked through the Shuttle via the dock assembly.

--
David Bate | http://members.home.net/davebate
Bowmanville, ON, CANADA | http://scannerdesk.mypage.org
ICQ 9344489 | http://acars-ontario.fly.to
NYSING Member 191 | http://www.egroups.com/group/scannerdesk

Network Analyst dbate@rci.rogers.com
Rogers Communications Inc.

PRO-2004 PRO-37 BC895XLT DX-440 Discone LongWire

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (http://www.grisoft.com).
Version: 6.0.211 / Virus Database: 100 - Release Date: 11/14/2000

3273. Re: Antenna needed for EME??

Newsgroup: rec.radio.amateur.space
Date: 2000-12-10 01:52:31 UTC
From: no_spam_n7ws@azstarnet.com
Message-ID: <3a32de2f.16577332@news.azstarnet.com>
Source record: 7407
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.space

On Fri, 08 Dec 2000 16:32:49 -0600, Randy Mclean <rmclean@no_address.com> wrote:

>First, I want to thank all the people for the replies. I do have a few more
>questions. You suggest "Stacking 2 of each". Do you mean stacking them in
>series or parallel to each other. Others replied that I need min of 20db gain,
>would "stacking" two add the gain of two antennas? Also to connect the two
>antenna to the same coax would i use a Y-connector??

Randy,

Stacking of antennas is not a trivial exercise. It is pretty much beyond the
scope of an Internet forum to educate you adequately on this subject.

You should acquire a good antenna book (e.g. ARRL Antenna Book) and do some
study. You can get some good answers to specific questions in these forums,
however, you can get an awful lot of misinformation too, as can be demonstrated
by some of the other answers to your query.

>
>Let me see if I understand if I "stack" 2 2MCP22 antennas each having 16db gain
>would that give me 32db gain??

Alas, it should be so. In theory, you can gain 3 dB by doubling the size of the
antenna ("stacking" two like antennas). In practice a better rule of thumb is
to figure on 2.5 dB.

Wes

3274. Re: Antenna needed for EME??

Newsgroup: rec.radio.amateur.space
Date: 2000-12-10 01:56:08 UTC
From: no_spam_n7ws@azstarnet.com
Message-ID: <3a32e2b6.17736279@news.azstarnet.com>
Source record: 7408
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.space

On Fri, 08 Dec 2000 23:34:57 GMT, KC8JBO <kc8jbo@my-deja.com> wrote:

[snip]

>Translation : "I'm copping out, because I don't know the answer."

Maybe he doesn't but at least he is smart enough to give a good suggestion. You
on the other hand, apparently have nothing worthwhile to add.

>--
>73 de Roger, KC8JBO
>EM99 |ARRL|VE [ARRL & W5YI]|ARES |RACES
>Yaesu FT-920 |Inverted Vee @ 40 ft.
>Yaesu FT-90R
>
>
>Sent via Deja.com http://www.deja.com/
>Before you buy.

3275. Re: Antenna needed for EME??

Newsgroup: rec.radio.amateur.space
Date: 2000-12-10 02:27:03 UTC
From: KC8JBO <kc8jbo@my-deja.com>
Message-ID: <90uplkflr1@nnrp1.deja.com>
Source record: 7409
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.space

In article <3a32e2b6.17736279@news.azstarnet.com>,
no_spam_n7ws@azstarnet.com (Wes Stewart) wrote:
> On Fri, 08 Dec 2000 23:34:57 GMT, KC8JBO <kc8jbo@my-deja.com> wrote:
>
> [snip]
>
> >Translation : "I'm copping out, because I don't know the answer."
>
> Maybe he doesn't but at least he is smart enough to give a good
suggestion. You
> on the other hand, apparently have nothing worthwhile to add.

Cry me a river. If you don't like what I post, don't read it, FOOL.

There are plenty of books via the ARRL on EME..in particular the ARRL
Antenna Book has a detailed chapter on that particular subject.

--
73 de Roger, KC8JBO
EM99 |ARRL|VE [ARRL & W5YI]|ARES |RACES
Yaesu FT-920 |Inverted Vee @ 40 ft.
Yaesu FT-90R

Sent via Deja.com http://www.deja.com/
Before you buy.

3276. ARISS press release page updated...

Newsgroup: rec.radio.amateur.space
Date: 2000-12-10 02:41:22 UTC
From: Will Marchant <kc6rol@amsat.org>
Message-ID: <3A32ED4E.43A80A2B@amsat.org>
Source record: 7410
Cross-posted to: rec.radio.amateur.space,sci.space.station

I've added some links on the page at
http://ariss.gsfc.nasa.gov/pressrelease.html with more details about the
upcoming school contact, the ARISS partners meeting, and the new NASA
web page about amateur radio.

--
Will Marchant
marchant@ssl.berkeley.edu http://chips.ssl.berkeley.edu/~marchant/
kc6rol@amsat.org New==>http://home.earthlink.net/~willmarchant/

3277. Re: Help with P3T TCP/IP & IZ8BLY Phase3D Satellite Decoder

Newsgroup: rec.radio.amateur.space
Date: 2000-12-10 02:44:41 UTC
From: Shane Deering <vk3bvp@crosswinds.net>
Message-ID: <90uqho$rr6$1@perki.connect.com.au>
Source record: 7411

"Alan Grove" <zl70@dial.pipex.com> wrote in message
news:90m77n$2ip$1@lure.pipex.net...
> Greg,
>
> Thanks for that, it did the trick.
>
> I had been using 127.0.0.1, as per IZ8BLY's instructions. Once I changed
it
> to the machine name the P3T program responded with "Connect to: unknown
> server". At the same time IZ8BLY's program showed that it was "Connected
to:
> 127.0.0.1".

We had them running here over the packet network without any problems.

<R1 VK3WRE-1>VK3BVP-3 UI^ $CC>
IP: len 252 44.136.120.120->44.136.121.9 ihl 20 ttl 32 id 35329 offs 0 MF
prot T
CP
TCP: 2001->1108 Seq x3d3442 Ack xa7dbb7 ACK PSH Wnd 8760 Data 212
A HI, THIS IS AMSAT OSCMHz on MA 16-30. Attitude 263/0 moving 270/0
|+--------

Sigs didn't seem too good on that pass. but the tests show that the
server/client
function works OK using tcpip over packet (as you would expect). So if you
have packet gear you can share your decoder with other stations.

>
> The only snag is that at the present time AO-40 is somewhere over the
> Pacific Ocean. However, I have tested the setup with a wave file from
> AMSAT-F, and all appears to be working well. I shall try it for real
> tomorrow morning.

For you maybe. That's the pass we used here for the test. It's still coming
in now as I type this.

>
> So thanks once again Greg, that has put an end to a frustrating situation.
>
> Alan G8BJG
>
> PS I have also tried it with KD3NC's PSK400 program, which is a simpler
> version of IZ8BLY's. This also seems to work ok.

The decoder by Thomas Sailer also seems to work OK, but it doesn't seem to let you do anything with the data.

--
Shane Deering VK3BVP

Packet VK3BVP@VK3BVP.#SEV.VIC.AUS.OC
http://www.qsl.net/vk3bvp/index.htm

3278. Re: Is the ISS still using 143.6250

Newsgroup: rec.radio.amateur.space
Date: 2000-12-10 03:23:44 UTC
From: Pervert_Extraordinaire <valued_customer1@att.com>
Message-ID: <3A332172.E85B8E0C@att.com>
Source record: 7412

David Bate wrote:
>
> > I've not received any transmissions in several recent
> > ISS overflights. The last was a 73DEG elevation!!
> >
> > Did I miss something?
>
> I am sure that I read some where that while a shuttle or a operational Soyuz
> flight is docked, the 143.625 MHz channel is not used. Either the 130.167
> MHz channel is used or the comms are linked through the Shuttle via the dock
> assembly.

Thanks. I've been installing a new antenna. Now I know it's not me. ;-)
My brother got no xmissions on his scanner either... but were both newbies.

Later,

3279. Re: Antenna needed for EME??

Newsgroup: rec.radio.amateur.space
Date: 2000-12-10 05:46:06 UTC
From: no_spam_n7ws@azstarnet.com
Message-ID: <3a331590.30756096@news.azstarnet.com>
Source record: 7413

On Sun, 10 Dec 2000 02:27:03 GMT, KC8JBO <kc8jbo@my-deja.com> wrote:

>In article <3a32e2b6.17736279@news.azstarnet.com>,
> no_spam_n7ws@azstarnet.com (Wes Stewart) wrote:
>> On Fri, 08 Dec 2000 23:34:57 GMT, KC8JBO <kc8jbo@my-deja.com> wrote:
>>
>> [snip]
>>
>> >Translation : "I'm copping out, because I don't know the answer."
>>
>> Maybe he doesn't but at least he is smart enough to give a good
>suggestion. You
>> on the other hand, apparently have nothing worthwhile to add.
>
>Cry me a river. If you don't like what I post, don't read it, FOOL.
>
>There are plenty of books via the ARRL on EME..in particular the ARRL
>Antenna Book has a detailed chapter on that particular subject.

Hmmm

Someone recommends that a fellow should look for some answers in book, you poo-poo that idea as a sign of ignorance, I suggest that a book is a good idea and suddenly you're recommending I should read a book on EME?

I have actually *worked* EME, Bozo. Using, except for the coax, a completely homebrew station: antenna, rotor, tower, preamp, converter, tunable i-f receiver, exciter and 8877 final amplifier.

I also worked WAS on Oscar 6 and am one of fewer than 350 hams worldwide that has a QSL for two-way contact with W5LFL, the first ham in space, using the same homebrew equipment. Oh, and another thing, I got my Extra Class ticket by taking the exam in front of an FCC examiner, not from some of my W5YI buddies.

>
>
>--
>73 de Roger, KC8JBO
>EM99 |ARRL|VE [ARRL & W5YI]|ARES |RACES
>Yaesu FT-920 |Inverted Vee @ 40 ft.
>Yaesu FT-90R
>
>
>Sent via Deja.com http://www.deja.com/
>Before you buy.

3280. DECODER FAQ AO40

Newsgroup: rec.radio.amateur.space
Date: 2000-12-10 05:55:52 UTC
From: Shep <shep@northlink.com>
Message-ID: <BYEY5.4915$925.240844@news.direcpc.com>
Source record: 7414

http://ao40.homestead.com/IZ8BLY.html

FYI
DE SHEP AA7MH

3281. Re: Antenna needed for EME??

Newsgroup: rec.radio.amateur.space
Date: 2000-12-10 07:54:57 UTC
From: Dennis Kaylor <k4oxg@earthlink.net>
Message-ID: <3A3336C6.56FBED9E@earthlink.net>
Source record: 7415
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.space

very good advise wes
he will also need a good mast mounted preamp and also understand that EME is ONLY CW
not voice
its not like working any of the satelites which most of them are easy and using
voice
i hope randy does a bit more reseach before he starts spending large amounts of
money on antennas

Wes Stewart wrote:

> On Fri, 08 Dec 2000 12:53:25 -0600, Randy Mclean <rmclean@no_address.com> wrote:
>
> >Hello,
> > Next summer I am planing on setting up a Satellite station. I intend
> >to use the m2 2MCP22(2m 22 element cross polarized yagi) and
> >436CP42UG(440mhz 42 element cross polarized yagi) with the yaesu G-5500
> >azimuth/elevation rotator. My question is, how well would this setup
> >work for EME, if at all? I've been told that you need array of many
> >antennas to work EME, is this true?? Thanks.
>
> Randy,
>
> For 2m EME I would suggest a minimum antenna gain of 20 dBi, at least 1KW to the
> antenna and a noise figure of about 1 dB.
>
> You can work some of the "big guns" (W5UN, KB8RQ, SM5FRH, F3VS, et.al) with less
> but that's about it. I have worked all of these guys using 1KW out, a HB 17 el,
> 3.2 wavelength Yagi, 180' of 1/2" Heliax and a 0.8 dB NF preamp (in the shack).
>
> Before changing QTH, I had four of these Yagis and a short run of RG-17 and
> could hear my echoes about half of the time. I don't believe you are really EME
> capable until you can hear your own echoes.
>
> Wes N7WS
>
> >
> >
> >If you wish to reply via email please use my email address on Qrz.com as
> >I do not use my true email address on Usenet for Spam reasons.
> >
> >--
> >73 de k5drm
> >Randy Mclean
> >

> >
> >

3282. Re: DECODER FAQ AO40

Newsgroup: rec.radio.amateur.space
Date: 2000-12-10 08:55:12 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn936h7g.rkh.nomail@linux.pe1chl.ampr.org>
Source record: 7416

Shep <shep@northlink.com> wrote:

> http://ao40.homestead.com/IZ8BLY.html

>FYI

Actually it is: http://iz8bly.sysonline.it/P3D

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

3283. Re: Help with P3T TCP/IP & IZ8BLY Phase3D Satellite Decoder

Newsgroup: rec.radio.amateur.space
Date: 2000-12-10 08:56:49 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn936hah.rkh.nomail@linux.pe1chl.ampr.org>
Source record: 7418

Shane Deering <vk3bvp@crosswinds.net> wrote:

>The decoder by Thomas Sailer also seems to work OK, but it doesn't
>seem to let you do anything with the data.

The new version (that is still named version 0.1) that appeared on Dec 5
seems to be able to do so, but apparently in a different format than
expected by P3T :-(

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

3284. Re: vert/horz/RHCP/LHCP from CP yagis

Newsgroup: rec.radio.amateur.space
Date: 2000-12-10 09:04:54 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn936hpm.rkh.nomail@linux.pe1chl.ampr.org>
Source record: 7417

nick <ku2a@jlc.net> wrote:
>I'm looking for a simple method of switching between four polarizations
>using a vertical and a horizontal feed. I think I've seen articles on
>the subject
>but can't imagine it being very simple with impedance and phasing lines.

You're right, it is not very simple.

What you can do as a cost-effective and versatile solution: feed coax from both dipoles into the shack, and make sure they are exactly the same length. (when the dipoles are physically apart on the boom you may want to compensate for that in coax length, but remember the velocity factor)

Now you can connect a transceiver to either of these cables for linear polarisation. For circular, make an assembly which matches two antennas and provides the required 90 degrees phase shift (using sections of coax), and connect that to both cables. Swap the cables to reverse the polarisation sense.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

3285. Re: Is the ISS still using 143.6250

Newsgroup: rec.radio.amateur.space
Date: 2000-12-10 12:30:46 UTC
From: TomR@astro.net
Message-ID: <3a337731.57185087@news.idsi.net>
Source record: 7419

On Sun, 10 Dec 2000 01:20:17 GMT, "David Bate" <davebate@home.com>
wrote:

>> I've not received any transmissions in several recent
>> ISS overflights. The last was a 73DEG elevation!!
>>
>> Did I miss something?
>
>I am sure that I read some where that while a shuttle or a operational Soyuz
>flight is docked, the 143.625 MHz channel is not used. Either the 130.167
>MHz channel is used or the comms are linked through the Shuttle via the dock
>assembly.
>--
>David Bate | http://members.home.net/davebate

That and they sleep in the evenings as well.

Tom - KB2SMS

3286. Re: Antenna needed for EME??

Newsgroup: rec.radio.amateur.space
Date: 2000-12-10 13:56:35 UTC
From: KC8JBO <kc8jbo@my-deja.com>
Message-ID: <91022i$ap4$1@nnrp1.deja.com>
Source record: 7420

In article <3a331590.30756096@news.azstarnet.com>,
no_spam_n7ws@azstarnet.com (Wes Stewart) wrote:
> On Sun, 10 Dec 2000 02:27:03 GMT, KC8JBO <kc8jbo@my-deja.com> wrote:
>
> >In article <3a32e2b6.17736279@news.azstarnet.com>,
> > no_spam_n7ws@azstarnet.com (Wes Stewart) wrote:
> >> On Fri, 08 Dec 2000 23:34:57 GMT, KC8JBO <kc8jbo@my-deja.com>
wrote:
> >>
> >> [snip]
> >>
> >> >Translation : "I'm copping out, because I don't know the answer."
> >>
> >> Maybe he doesn't but at least he is smart enough to give a good
> >suggestion. You
> >> on the other hand, apparently have nothing worthwhile to add.
> >
> >Cry me a river. If you don't like what I post, don't read it, FOOL.
> >
> >There are plenty of books via the ARRL on EME..in particular the ARRL
> >Antenna Book has a detailed chapter on that particular subject.
>
> Hmmm
>
> Someone recommends that a fellow should look for some answers in
book, you
> poo-poo that idea as a sign of ignorance, I suggest that a book is a
good idea
> and suddenly you're recommending I should read a book on EME?
>
> I have actually *worked* EME, Bozo. Using, except for the coax, a
completely
> homebrew station: antenna, rotor, tower, preamp, converter, tunable i-
f
> receiver, exciter and 8877 final amplifier.
>
> I also worked WAS on Oscar 6 and am one of fewer than 350 hams
worldwide that
> has a QSL for two-way contact with W5LFL, the first ham in space,
using the same
> homebrew equipment. Oh, and another thing, I got my Extra Class
ticket by
> taking the exam in front of an FCC examiner, not from some of my W5YI
buddies.

You also molested your kids and grandkids, but if I were you I wouldn't brag about that, either.

I took my tests in front of ARRL & W5YI, dumbfuck. A long time ago I took my COMMERCIAL FCC licence in front of FCC examiners, so stuck your self-righeousness up your ass.

> >
> >
> >--
> >73 de Roger, KC8JBO
> >EM99 |ARRL|VE [ARRL & W5YI]|ARES |RACES
> >Yaesu FT-920 |Inverted Vee @ 40 ft.
> >Yaesu FT-90R
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> >Sent via Deja.com http://www.deja.com/
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>

--
73 de Roger, KC8JBO
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Yaesu FT-90R

Sent via Deja.com http://www.deja.com/
Before you buy.

3287. Re: Antenna needed for EME??

Newsgroup: rec.radio.amateur.space
Date: 2000-12-10 14:34:02 UTC
From: Disposable Hero <NoFixxxer@XHotmail.com>
Message-ID: <uvMY5.69828$2A2.3036421@news20.bellglobal.com>
Source record: 7421

You are a disgrace to the entire HAM Community. Suggesting that someone "Molested their kids" Is going too far, you degrade any viable comments you may have had in this childish behaviour.

I'm glad people like you are a minority in the HAM Community. Maybe you should stick to 10M with the Other CBers, you'd feel right at home there.

"KC8JBO" <kc8jbo@my-deja.com> wrote in message news:91022i$ap4$1@nnrp1.deja.com...
> In article <3a331590.30756096@news.azstarnet.com>,
> no_spam_n7ws@azstarnet.com (Wes Stewart) wrote:
> > On Sun, 10 Dec 2000 02:27:03 GMT, KC8JBO <kc8jbo@my-deja.com> wrote:
> >
> > >In article <3a32e2b6.17736279@news.azstarnet.com>,
> > > no_spam_n7ws@azstarnet.com (Wes Stewart) wrote:
> > >> On Fri, 08 Dec 2000 23:34:57 GMT, KC8JBO <kc8jbo@my-deja.com>
> wrote:
> > >>
> > >> [snip]
> > >>
> > >> >Translation : "I'm copping out, because I don't know the answer."
> > >>
> > >> Maybe he doesn't but at least he is smart enough to give a good
> > >suggestion. You
> > >> on the other hand, apparently have nothing worthwhile to add.
> > >
> > >Cry me a river. If you don't like what I post, don't read it, FOOL.
> > >
> > >There are plenty of books via the ARRL on EME..in particular the ARRL
> > >Antenna Book has a detailed chapter on that particular subject.
> >
> > Hmmm
> >
> > Someone recommends that a fellow should look for some answers in
> book, you
> > poo-poo that idea as a sign of ignorance, I suggest that a book is a
> good idea
> > and suddenly you're recommending I should read a book on EME?
> >
> > I have actually *worked* EME, Bozo. Using, except for the coax, a
> completely
> > homebrew station: antenna, rotor, tower, preamp, converter, tunable i-
> f
> > receiver, exciter and 8877 final amplifier.
> >

> > I also worked WAS on Oscar 6 and am one of fewer than 350 hams
> worldwide that
> > has a QSL for two-way contact with W5LFL, the first ham in space,
> using the same
> > homebrew equipment. Oh, and another thing, I got my Extra Class
> ticket by
> > taking the exam in front of an FCC examiner, not from some of my W5YI
> buddies.
>
>
> You also molested your kids and grandkids, but if I were you I wouldn't
> brag about that, either.
>
> I took my tests in front of ARRL & W5YI, dumbfuck. A long time ago I
> took my COMMERCIAL FCC licence in front of FCC examiners, so stuck your
> self-righeousness up your ass.
>
> > >
> > >
> > >--
> > >73 de Roger, KC8JBO
> > >EM99 |ARRL|VE [ARRL & W5YI]|ARES |RACES
> > >Yaesu FT-920 |Inverted Vee @ 40 ft.
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> 73 de Roger, KC8JBO
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> Yaesu FT-920 |Inverted Vee @ 40 ft.
> Yaesu FT-90R
>
>
> Sent via Deja.com http://www.deja.com/
> Before you buy.

3288. Re: Antenna needed for EME??

Newsgroup: rec.radio.amateur.space
Date: 2000-12-10 18:53:54 UTC
From: KC8JBO <kc8jbo@my-deja.com>
Message-ID: <910jg1$na9$1@nnrp1.deja.com>
Source record: 7422

In article <uvMY5.69828$2A2.3036421@news20.bellglobal.com>,
"Disposable Hero" <NoFixxxer@XHotmail.com> wrote:
> You are a disgrace to the entire HAM Community. Suggesting that
> someone "Molested their kids" Is going too far,

It sounds like it hit the nail on the head. Hitting a little too close
to home?

> you degrade any viable comments you
> may have had in this childish behaviour.

Don't like what I post? Don't read it.

> I'm glad people like you are a minority in the HAM Community. Maybe
> you should stick to 10M with the Other CBers, you'd feel right at
> home there.

DUMBASS, the CB band is 11 meters, not 10. No wonder you couldn't EVER
pass a licence exam.

> "KC8JBO" <kc8jbo@my-deja.com> wrote in message
> news:91022i$ap4$1@nnrp1.deja.com...
> > In article <3a331590.30756096@news.azstarnet.com>,
> > no_spam_n7ws@azstarnet.com (Wes Stewart) wrote:
> > > On Sun, 10 Dec 2000 02:27:03 GMT, KC8JBO <kc8jbo@my-deja.com>
wrote:
> > >
> > > >In article <3a32e2b6.17736279@news.azstarnet.com>,
> > > > no_spam_n7ws@azstarnet.com (Wes Stewart) wrote:
> > > >> On Fri, 08 Dec 2000 23:34:57 GMT, KC8JBO <kc8jbo@my-deja.com>
> > wrote:
> > > >>
> > > >> [snip]
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> > > >> >Translation : "I'm copping out, because I don't know the
answer."
> > > >>
> > > >> Maybe he doesn't but at least he is smart enough to give a good
> > > >suggestion. You
> > > >> on the other hand, apparently have nothing worthwhile to add.
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> > > >Cry me a river. If you don't like what I post, don't read it,
FOOL.
> > > >
> > > >There are plenty of books via the ARRL on EME..in particular the
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> > > >Antenna Book has a detailed chapter on that particular subject.
> > >
> > > Hmmm
> > >
> > > Someone recommends that a fellow should look for some answers in
> > book, you
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> > good idea
> > > and suddenly you're recommending I should read a book on EME?
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> > > I have actually *worked* EME, Bozo. Using, except for the coax, a
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> > > homebrew station: antenna, rotor, tower, preamp, converter,
tunable i-
> > f
> > > receiver, exciter and 8877 final amplifier.
> > >
> > > I also worked WAS on Oscar 6 and am one of fewer than 350 hams
> > worldwide that
> > > has a QSL for two-way contact with W5LFL, the first ham in space,
> > using the same
> > > homebrew equipment. Oh, and another thing, I got my Extra Class
> > ticket by
> > > taking the exam in front of an FCC examiner, not from some of my
W5YI
> > buddies.
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> >
> > You also molested your kids and grandkids, but if I were you I
wouldn't
> > brag about that, either.
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> > I took my tests in front of ARRL & W5YI, dumbfuck. A long time ago I
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Yaesu FT-90R

Sent via Deja.com http://www.deja.com/
Before you buy.

3289. Re: Antenna needed for EME??

Newsgroup: rec.radio.amateur.space
Date: 2000-12-10 19:43:55 UTC
From: Dan/W4NTI <w4nti@my-deja.com>
Message-ID: <910mdrpgv1@nnrp1.deja.com>
Source record: 7423

>
>
>
> I have actually *worked* EME, Bozo. Using, except for the coax, a
completely
> homebrew station: antenna, rotor, tower, preamp, converter, tunable i-
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> receiver, exciter and 8877 final amplifier.
>
> I also worked WAS on Oscar 6 and am one of fewer than 350 hams
worldwide that
> has a QSL for two-way contact with W5LFL, the first ham in space,
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> homebrew equipment. Oh, and another thing, I got my Extra Class
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> >
> >
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> >
> >
> >Sent via Deja.com http://www.deja.com/
> >Before you buy.
>
>
Congratulations indeed. Quite an accomplishment and the sign of a real
Amateur. You have to give Roger some slack. He did'nt understand what
EME meant. He thought it meant Eat Mothers Enema.

Dan/W4NTI

--
"Just tellin the truth, and they cain't stand it."

Sent via Deja.com http://www.deja.com/
Before you buy.

3290. Re: Is the ISS still using 143.6250

Newsgroup: rec.radio.amateur.space
Date: 2000-12-10 21:45:37 UTC
From: Pervert_Extraordinaire <valued_customer1@att.com>
Message-ID: <3A3423B4.4D9B7215@att.com>
Source record: 7424

TomR@astro.net wrote:
>
> On Sun, 10 Dec 2000 01:20:17 GMT, "David Bate" <davebate@home.com>
> wrote:
> Pervert_extraordinaire wote
> >> I've not received any transmissions in several recent
> >> ISS overflights. The last was a 73DEG elevation!!

> That and they sleep in the evenings as well.

I considered this. ;-) However, after several unsuccessful attempts
I began to suspect there's something else involved.

3291. AO-40 and 2.4 antennas

Newsgroup: rec.radio.amateur.space
Date: 2000-12-10 22:13:39 UTC
From: Jeff Kelly <jkelly@bellatlantic.net>
Message-ID: <neTY5.10517$Wd.1031721@typhoon2.ba-dsg.net>
Source record: 7425

Anyone know how much gain I will need in either
a helix or dish to receive the 2.4 beacon?

Jeff Kelly
KT2K

3292. Re: Antenna needed for EME??

Newsgroup: rec.radio.amateur.space
Date: 2000-12-11 00:10:53 UTC
From: KC8JBO <kc8jbo@my-deja.com>
Message-ID: <911629$5dl$1@nnrp1.deja.com>
Source record: 7426

In article <910mdrpgv1@nnrp1.deja.com>,
NECROPHELIAC Dan/W4NTI <w4nti@my-deja.com> wrote:

> > I have actually *worked* EME, Bozo. Using, except for the coax, a
> completely
> > homebrew station: antenna, rotor, tower, preamp, converter, tunable
i-
> f
> > receiver, exciter and 8877 final amplifier.
> >
> > I also worked WAS on Oscar 6 and am one of fewer than 350 hams
> worldwide that
> > has a QSL for two-way contact with W5LFL, the first ham in space,
> using the same
> > homebrew equipment. Oh, and another thing, I got my Extra Class
> ticket by
> > taking the exam in front of an FCC examiner, not from some of my
W5YI
> buddies.
> >
> Congratulations indeed. Quite an accomplishment and the sign of a
> real Amateur.

Unlike Jeswald, who's made MEDIOCRE inroads in various contests.

> You have to give Roger some slack. He did'nt understand what
> EME meant.

Earth-Moon-Earth, FUCKHEAD. Care to show your goddamned ignorance some
more?

> He thought it meant Eat Mothers Enema.

Now, up to know I haven't brought this into our little flamewar, but
since you did:
So tell me, is eating your DEAD MOMMA'S ENEMA your idea of a evening
meal, REDNECK?
I could be like the Kawasaki guy and yell "dig her up," but remember
you opened the door for this.

--
73 de Roger, KC8JBO
EM99 |ARRL|VE [ARRL & W5YI]|ARES |RACES
Yaesu FT-920 |Inverted Vee @ 40 ft.
Yaesu FT-90R

Sent via Deja.com http://www.deja.com/
Before you buy.

3293. Re: PacComm PSK1 help

Newsgroup: rec.radio.amateur.space
Date: 2000-12-11 00:35:06 UTC
From: N1RZ <n1rz@timhavens.com>
Message-ID: <FiVY5.8945$FM2.815783@news-east.usenetserver.com>
Source record: 7427

I have a copy ready for you. $10.00 will buy it and have it mailed to you.

Tim R. Havens
43 Crane Road
Whitefield, NH 03598

N1RZ
"John Kuklinski" <jtkuk@bellsouth.net> wrote in message
news:LmhY5.3461$Rk.79360@news1.atl...
> I'm in need of a copy of the manual for the PSK1 as well as the pin-out
for
> the telemetry connector.
> Any help would be greatly appreciated. I will pay for copies and mail
fees.
>
> TNX
>
> John. N4PLY
>
>

3294. ISOLATED PSK-31 INTERFACES

Newsgroup: rec.radio.amateur.space
Date: 2000-12-11 00:48:54 UTC
From: johnny_g3liv@my-deja.com
Message-ID: <91189l$6u5$1@nnrp1.deja.com>
Source record: 7428

Hi there
From G3LIV.
You maybe interested in my web page.
regarding interfaces.
www.g3liv.co.uk

In article <3A28760A.CBDAA07C@home.com>,
Bob Partridge <2835190228@home.com> wrote:
> Don,
> Suggest you do a search for DigiPan and
download it. Point and click
> operation!
> Bob, VE3SRD
>
> don wrote:
> >
> > I have all of about 30 minutes experience
with PSK31.
> >
> > I've downloaded the IZ8BLY decoder and some
audio files (hey, AO-40 isn't
> > visible from here right now).
> >
> > Uhmmm, what's the goal here? I now see what
a "waterfall" looks like, and I
> > see a horizontal trace that appears to
deflect in step with the audio.
> >
> > This particular decoder shows two vertical
lines over the waterfall that I have
> > no (apparent) direct control over. It
appears to float over some center
> > frequency that shifts up or down, and has a
fixed spacing between them.
> >
> > I guess that I am supposed to "mouse over"
the waterfall and slide those
> > horizontal bars up or down (I can't "lock in"
to any particular position -
> > i.e., after the mouse moves out of the
waterfall).
> >
> > Am I right in assuming one bar is "1" and the
other bar is "0"? And that my

> > goal is to adjust the bars to get a nice bit
transition between?
> >
> > Is this the way they all work? (All the
soundcard-type decoders, that is?)
> >
> > So far, no decoded data has appeared, so I'm
obviously not doing something
> > right. I just can't figure out "what"
because I don't know what the "goal" is.
> >
> > thanks in advance,
> >
> > don
>

Sent via Deja.com http://www.deja.com/
Before you buy.

3295. PSK-31 Isolated Interfaces.

Newsgroup: rec.radio.amateur.space
Date: 2000-12-11 00:56:11 UTC
From: johnny_g3liv@my-deja.com
Message-ID: <9118na$7bb$1@nnrp1.deja.com>
Source record: 7429

Hi there.

If you are on or considering PSK31.
Maybe you might like to visit my web page.

www,g3liv.co.uk

73es johnny.

Sent via Deja.com http://www.deja.com/
Before you buy.

3296. Re: Antenna needed for EME??

Newsgroup: rec.radio.amateur.space
Date: 2000-12-11 01:21:07 UTC
From: Disposable Hero <NoFixxxer@XHotmail.com>
Message-ID: <7_VY5.67208$i%4.2035655@news20.bellglobal.com>
Source record: 7430

Welcome to the Ignore list.

PLONK!

"KC8JBO" <kc8jbo@my-deja.com> wrote in message
news:910jg1$na9$1@nnrp1.deja.com...
> In article <uvMY5.69828$2A2.3036421@news20.bellglobal.com>,
> "Disposable Hero" <NoFixxxer@XHotmail.com> wrote:
> > You are a disgrace to the entire HAM Community. Suggesting that
> > someone "Molested their kids" Is going too far,
>
> It sounds like it hit the nail on the head. Hitting a little too close
> to home?
>
> > you degrade any viable comments you
> > may have had in this childish behaviour.
>
> Don't like what I post? Don't read it.
>
> > I'm glad people like you are a minority in the HAM Community. Maybe
> > you should stick to 10M with the Other CBers, you'd feel right at
> > home there.
>
> DUMBASS, the CB band is 11 meters, not 10. No wonder you couldn't EVER
> pass a licence exam.
>
> > "KC8JBO" <kc8jbo@my-deja.com> wrote in message
> > news:91022i$ap4$1@nnrp1.deja.com...
> > > In article <3a331590.30756096@news.azstarnet.com>,
> > > no_spam_n7ws@azstarnet.com (Wes Stewart) wrote:
> > > > On Sun, 10 Dec 2000 02:27:03 GMT, KC8JBO <kc8jbo@my-deja.com>
> wrote:
> > > >
> > > > >In article <3a32e2b6.17736279@news.azstarnet.com>,
> > > > > no_spam_n7ws@azstarnet.com (Wes Stewart) wrote:
> > > > >> On Fri, 08 Dec 2000 23:34:57 GMT, KC8JBO <kc8jbo@my-deja.com>
> > > wrote:
> > > > >>
> > > > >> [snip]
> > > > >>
> > > > >> >Translation : "I'm copping out, because I don't know the
> answer."
> > > > >>
> > > > >> Maybe he doesn't but at least he is smart enough to give a good
> > > > >suggestion. You

> > > > >> on the other hand, apparently have nothing worthwhile to add.
> > > > >
> > > > >Cry me a river. If you don't like what I post, don't read it,
> FOOL.
> > > > >
> > > > >There are plenty of books via the ARRL on EME..in particular the
> ARRL
> > > > >Antenna Book has a detailed chapter on that particular subject.
> > > >
> > > > Hmmm
> > > >
> > > > Someone recommends that a fellow should look for some answers in
> > > book, you
> > > > poo-poo that idea as a sign of ignorance, I suggest that a book
> is a
> > > good idea
> > > > and suddenly you're recommending I should read a book on EME?
> > > >
> > > > I have actually *worked* EME, Bozo. Using, except for the coax, a
> > > completely
> > > > homebrew station: antenna, rotor, tower, preamp, converter,
> tunable i-
> > > f
> > > > receiver, exciter and 8877 final amplifier.
> > > >
> > > > I also worked WAS on Oscar 6 and am one of fewer than 350 hams
> > > worldwide that
> > > > has a QSL for two-way contact with W5LFL, the first ham in space,
> > > using the same
> > > > homebrew equipment. Oh, and another thing, I got my Extra Class
> > > ticket by
> > > > taking the exam in front of an FCC examiner, not from some of my
> W5YI
> > > buddies.
> > >
> > >
> > > You also molested your kids and grandkids, but if I were you I
> wouldn't
> > > brag about that, either.
> > >
> > > I took my tests in front of ARRL & W5YI, dumbfuck. A long time ago I
> > > took my COMMERCIAL FCC licence in front of FCC examiners, so stuck
> your
> > > self-righeousness up your ass.
> > >
> > > > >
> > > > >
> > > > >--
> > > > >73 de Roger, KC8JBO
> > > > >EM99 |ARRL|VE [ARRL & W5YI]|ARES |RACES

> > > > >Yaesu FT-920 |Inverted Vee @ 40 ft.
> > > > >Yaesu FT-90R
> > > > >
> > > > >
> > > > >Sent via Deja.com http://www.deja.com/
> > > > >Before you buy.
> > > >
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> Yaesu FT-920 |Inverted Vee @ 40 ft.
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>
>
> Sent via Deja.com http://www.deja.com/
> Before you buy.

3297. Re: Antenna needed for EME??

Newsgroup: rec.radio.amateur.space
Date: 2000-12-11 01:22:04 UTC
From: Disposable Hero <NoFixxxer@XHotmail.com>
Message-ID: <0%VY5.67211$i%4.2035890@news20.bellglobal.com>
Source record: 7431

Just like KC8JBO's callsign Really means "Jerks Boys Off"

"Dan/W4NTI" <w4nti@my-deja.com> wrote in message
news:910mdrpgv1@nnrp1.deja.com...
>
>
> >
> >
> >
> > I have actually *worked* EME, Bozo. Using, except for the coax, a
> completely
> > homebrew station: antenna, rotor, tower, preamp, converter, tunable i-
> f
> > receiver, exciter and 8877 final amplifier.
> >
> > I also worked WAS on Oscar 6 and am one of fewer than 350 hams
> worldwide that
> > has a QSL for two-way contact with W5LFL, the first ham in space,
> using the same
> > homebrew equipment. Oh, and another thing, I got my Extra Class
> ticket by
> > taking the exam in front of an FCC examiner, not from some of my W5YI
> buddies.
> >
> > >
> > >
> > >--
> > >73 de Roger, KC8JBO
> > >EM99 |ARRL|VE [ARRL & W5YI]|ARES |RACES
> > >Yaesu FT-920 |Inverted Vee @ 40 ft.
> > >Yaesu FT-90R
> > >
> > >
> > >Sent via Deja.com http://www.deja.com/
> > >Before you buy.
> >
> >
> Congratulations indeed. Quite an accomplishment and the sign of a real
> Amateur. You have to give Roger some slack. He did'nt understand what
> EME meant. He thought it meant Eat Mothers Enema.
>
> Dan/W4NTI
>
> --

> "Just tellin the truth, and they cain't stand it."
>
>
> Sent via Deja.com http://www.deja.com/
> Before you buy.

3298. Re: Antenna needed for EME??

Newsgroup: rec.radio.amateur.space
Date: 2000-12-11 03:10:50 UTC
From: KC8JBO <kc8jbo@my-deja.com>
Message-ID: <911gjn$d8j$1@nnrp1.deja.com>
Source record: 7433

In article <7_VY5.67208$i%4.2035655@news20.bellglobal.com>,
"Disposable Diaper" <NoFixxxer@XHotmail.com> wrote:
> Welcome to the Ignore list.
>
> PLONK!

Fuck you.

> "KC8JBO" <kc8jbo@my-deja.com> wrote in message
> news:910jg1$na9$1@nnrp1.deja.com...
> > In article <uvMY5.69828$2A2.3036421@news20.bellglobal.com>,
> > "Disposable Hero" <NoFixxxer@XHotmail.com> wrote:
> > > You are a disgrace to the entire HAM Community. Suggesting that
> > > someone "Molested their kids" Is going too far,
> >
> > It sounds like it hit the nail on the head. Hitting a little too
close
> > to home?
> >
> > > you degrade any viable comments you
> > > may have had in this childish behaviour.
> >
> > Don't like what I post? Don't read it.
> >
> > > I'm glad people like you are a minority in the HAM Community.
Maybe
> > > you should stick to 10M with the Other CBers, you'd feel right at
> > > home there.
> >
> > DUMBASS, the CB band is 11 meters, not 10. No wonder you couldn't
EVER
> > pass a licence exam.
> >
> > > "KC8JBO" <kc8jbo@my-deja.com> wrote in message
> > > news:91022i$ap4$1@nnrp1.deja.com...
> > > > In article <3a331590.30756096@news.azstarnet.com>,
> > > > no_spam_n7ws@azstarnet.com (Wes Stewart) wrote:
> > > > > On Sun, 10 Dec 2000 02:27:03 GMT, KC8JBO <kc8jbo@my-deja.com>
> > wrote:
> > > > >
> > > > > >In article <3a32e2b6.17736279@news.azstarnet.com>,
> > > > > > no_spam_n7ws@azstarnet.com (Wes Stewart) wrote:
> > > > > >> On Fri, 08 Dec 2000 23:34:57 GMT, KC8JBO <kc8jbo@my-
deja.com>
> > > > > wrote:

> > > > > >>
> > > > > >> [snip]
> > > > > >>
> > > > > >> >Translation : "I'm copping out, because I don't know the
> > answer."
> > > > > >>
> > > > > >> Maybe he doesn't but at least he is smart enough to give a
good
> > > > > >suggestion. You
> > > > > >> on the other hand, apparently have nothing worthwhile to
add.
> > > > > >
> > > > > >Cry me a river. If you don't like what I post, don't read it,
> > FOOL.
> > > > > >
> > > > > >There are plenty of books via the ARRL on EME..in particular
the
> > ARRL
> > > > > >Antenna Book has a detailed chapter on that particular
subject.
> > > > >
> > > > > Hmmm
> > > > >
> > > > > Someone recommends that a fellow should look for some answers
in
> > > book, you
> > > > > poo-poo that idea as a sign of ignorance, I suggest that a
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> > is a
> > > > good idea
> > > > > and suddenly you're recommending I should read a book on EME?
> > > > >
> > > > > I have actually *worked* EME, Bozo. Using, except for the
coax, a
> > > completely
> > > > > homebrew station: antenna, rotor, tower, preamp, converter,
> > tunable i-
> > > > f
> > > > > receiver, exciter and 8877 final amplifier.
> > > > >
> > > > > I also worked WAS on Oscar 6 and am one of fewer than 350 hams
> > > worldwide that
> > > > > has a QSL for two-way contact with W5LFL, the first ham in
space,
> > > using the same
> > > > > homebrew equipment. Oh, and another thing, I got my Extra
Class
> > > ticket by
> > > > > taking the exam in front of an FCC examiner, not from some of
my

> > W5YI
> > > > buddies.
> > > >
> > > >
> > > > You also molested your kids and grandkids, but if I were you I
> > wouldn't
> > > > brag about that, either.
> > > >
> > > > I took my tests in front of ARRL & W5YI, dumbfuck. A long time
ago I
> > > > took my COMMERCIAL FCC licence in front of FCC examiners, so
stuck
> > your
> > > > self-righeousness up your ass.
> > > >
> > > > > >
> > > > > >
> > > > > >--
> > > > > >73 de Roger, KC8JBO
> > > > > >EM99 |ARRL|VE [ARRL & W5YI]|ARES |RACES
> > > > > >Yaesu FT-920 |Inverted Vee @ 40 ft.
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> > > > > >Sent via Deja.com http://www.deja.com/
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> > > >
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> > Yaesu FT-920 |Inverted Vee @ 40 ft.
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> > Sent via Deja.com http://www.deja.com/
> > Before you buy.

>
>

--
73 de Roger, KC8JBO
EM99 |ARRL|VE [ARRL & W5YI]|ARES |RACES
Yaesu FT-920 |Inverted Vee @ 40 ft.
Yaesu FT-90R

Sent via Deja.com http://www.deja.com/
Before you buy.

3299. Re: Antenna needed for EME??

Newsgroup: rec.radio.amateur.space
Date: 2000-12-11 03:13:40 UTC
From: KC8JBO <kc8jbo@my-deja.com>
Message-ID: <911gp1$d9v$1@nnrp1.deja.com>
Source record: 7432

In article <0%VY5.67211$i%4.2035890@news20.bellglobal.com>,
"Disposable Diaper" <NoFixxxer@XHotmail.com> wrote:
<unimaginative lame snipped>

I thought I was <plonked>, you LIAR.

So you still molesting children yourself, anonymous coward?
I heard that you do all the neigborhood kiddies, then selling the porno
tapes you make of them from that crack house of yours.

--
73 de Roger, KC8JBO
EM99 |ARRL|VE [ARRL & W5YI]|ARES |RACES
Yaesu FT-920 |Inverted Vee @ 40 ft.
Yaesu FT-90R

Sent via Deja.com http://www.deja.com/
Before you buy.

3300. Anyone receiving tranmissions from STS?

Newsgroup: rec.radio.amateur.space
Date: 2000-12-11 03:59:24 UTC
From: Pervert_Extraordinaire <valued_customer1@att.com>
Message-ID: <3A347B4D.468E0970@att.com>
Source record: 7434

Is anyone successfully receiving transmissions
from the STS. I've been listening to the ISS
but, as yet, not the shuttle.

I understand the STS downlink frequencies are:
145.550 FM
145.840 FM

Should I expect to receive these signal on my
scanner. Are they typical FM, like the ISS?

TIA

3301. Re: Anyone receiving tranmissions from STS?

Newsgroup: rec.radio.amateur.space
Date: 2000-12-11 13:14:05 UTC
From: TomR@astro.net
Message-ID: <3a34d251.50360349@news.idsi.net>
Source record: 7435

On Mon, 11 Dec 2000 03:59:24 GMT, Pervert_Extraordinaire
<valued_customer1@att.com> wrote:

>Is anyone successfully receiving transmissions
>from the STS. I've been listening to the ISS
>but, as yet, not the shuttle.
>
>I understand the STS downlink frequencies are:
>145.550 FM
>145.840 FM

There is no more ham radio on the shuttles. SAREX is now on the ISS
only.

"Tentative operating frequencies are: Worldwide downlink for voice and
packet, 145.80 MHz; worldwide packet uplink, 145.99 MHz; Region 1
(Europe) voice uplink: 145.20 MHz; Region 2 and 3 voice uplink, 144.49
MHz. Yet to be determined is the ARISS operating schedule, which will
depend on the crew's schedules.
The ARISS Team eventually anticipates multiband, multimode operations
with the crew and regularly scheduled school group contacts.
Once aboard the ISS, the crew is expected to be very busy with basic
housekeeping duties to prepare for their four-month-long mission,
Marchant explained. "The crew has expressed a high level of interest
in beginning Amateur Radio operations early in the mission," he said.
Crew members may use their personal call signs or one of the "club
station" call signs issued for ISS use--NA1SS, RZ3DZR, or DL0ISS. "

You should here them on a scanner with a decent antenna. Not much
activity yet however. The crew is really busy currently.

Tom - KB2SMS

3302. Re: AO-40 and 2.4 antennas

Newsgroup: rec.radio.amateur.space
Date: 2000-12-11 16:38:45 UTC
From: marsgal42@hotmail.com
Message-ID: <912vulgeh1@nnrp1.deja.com>
Source record: 7436

In article <neTY5.10517$Wd.1031721@typhoon2.ba-dsg.net>,
"Jeff Kelly" <jkelly@bellatlantic.net> wrote:

> Anyone know how much gain I will need in either
> a helix or dish to receive the 2.4 beacon?

People are reporting good results from AO-13 Mode S gear.
While the geometry is poor just after perigee, the short
range and higher beacon power compensate.

The 2m beacon says they're running the S2 beacon (2401.35 MHz)
from MA 16 to MA 30. I have a DEM downconverter (modified
per the Microwave Update '96 article) and a Drake 2880.
Now I just need to whomp up a new antenna...

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..." - Hospital/Shafte

Sent via Deja.com http://www.deja.com/
Before you buy.

3303. AO-40 visibility from 78deg North

Newsgroup: rec.radio.amateur.space
Date: 2000-12-11 23:28:43 UTC
From: Tom Rune Lauknes <tomrune@tss.no>
Message-ID: <913nvr$a6c$1@snipp.uninett.no>
Source record: 7437

Hello,

I have no access to a prediction program, and I am not to familiar with the
AO-40
orbit.

Can anyone please tell me whether I can see the AO-40 from my location at
78 13' 44.5" North
15 23' 44.6" East
el. 400m

I have access to a large S-band dish, and I am interested in trying to
capture the 2.4
downlink. Is the beacon on all the time ?

Thanks,
Tom R. Lauknes
JW1BJA

3304. AO-40 element set #6 Post burn #1

Newsgroup: rec.radio.amateur.space
Date: 2000-12-12 00:07:38 UTC
From: vlfiscus@mcn.net
Message-ID: <t3ar2ab4co3lf6@news.supernews.com>
Source record: 7438

Below is the estimated post burn #1 Keplerian Elements for the AMSAT OSCAR 40 spacecraft. The burn ignition occurred at approximately 2000-DEC-11 1604 UTC. Note that these Keplerian elements represent the planned burn profile; the actual post-burn orbit may be somewhat different. Thus tracking reports with station WGS-84 lat/lon/alt and times of AOS/LOS versus *these* estimated Keps would be helpful.

AO-40
1 26609U 00072B 00346.67146000 .00000000 00000-0 00000-0 0 68
2 26609 6.4028 239.1973 7763693 192.2448 0.1497 1.57068165 527

Satellite: AO-40
Catalog number: 26609
Epoch time: 00346.67146000
Element set: 6
Inclination: 6.4028 deg
RA of node: 239.1973 deg
Eccentricity: 0.7763693
Arg of perigee: 192.2448 deg
Mean anomaly: 0.1497 deg
Mean motion: 1.57068165 rev/day
Decay rate: 0.00000e+00 rev/day^2
Epoch rev: 52
Checksum: 265

I communicated this information with NORAD/Space Command and spoke directly
with the Orbital Analyst responsible for computing the post-burn Keplerian elements. We will be exchanging pertinent information to facilitate publishing a high quality set of post-burn elements as soon as possible.

Ken Ernandes, N2WWD

3305. drake 2880 is that still available?

Newsgroup: rec.radio.amateur.space
Date: 2000-12-12 00:20:10 UTC
From: rheticus <ed@doofpot.nl>
Message-ID: <s5eZ5.24904$fy2.1683079@news.soneraplaza.nl>
Source record: 7439

Might be a quite silly question to ask, but I
did not find any actual reference to recent
avalabily on the web.

seems a good toy/aid for the AO-40

Tnx for replying , de PE5ED

3306. Re: AO-40 visibility from 78deg North

Newsgroup: rec.radio.amateur.space
Date: 2000-12-12 00:57:14 UTC
From: kg9qm@nomail.net
Message-ID: <KJeZ5.12$75.19752@news1.iquest.net>
Source record: 7440

Try going to:

http://earthobservatory.nasa.gov/MissionControl/overpass.html

and using "Custom" for the "spacecraft" designation, input your location info,
then enter the "NORAD number" of AO-40, which is: 26609.

And there you are! "Instant" pass predictions.

don

In article <913nvr$a6c$1@snipp.uninett.no>, tomrune@tss.no was of the
opinion...
>
>Hello,
>
>I have no access to a prediction program, and I am not to familiar with the
>AO-40
>orbit.
>
>Can anyone please tell me whether I can see the AO-40 from my location at
>78 13' 44.5" North
>15 23' 44.6" East
>el. 400m
>
>I have access to a large S-band dish, and I am interested in trying to
>capture the 2.4
>downlink. Is the beacon on all the time ?
>
>Thanks,
>Tom R. Lauknes
>JW1BJA
>
>

3307. Re: drake 2880 is that still available?

Newsgroup: rec.radio.amateur.space
Date: 2000-12-12 03:36:12 UTC
From: Mrmtn <aa7mh@yahoo.com>
Message-ID: <A4hZ5.4986$925.247908@news.direcpc.com>
Source record: 7441

I bought two of these a couple of years ago because of an article that I
saw for conversion.

Anyone know of the article ?

Shep AA7MH

rheticus <ed@doofpot.nl> wrote in message
news:s5eZ5.24904$fy2.1683079@news.soneraplaza.nl...
> Might be a quite silly question to ask, but I
> did not find any actual reference to recent
> avalabily on the web.
>
> seems a good toy/aid for the AO-40
>
> Tnx for replying , de PE5ED
>
>

3308. AO-40 13cm ???

Newsgroup: rec.radio.amateur.space
Date: 2000-12-12 04:05:53 UTC
From: Antonio <afranco@rc.mayfield.hp.com>
Message-ID: <91486virq1@nnrp1.deja.com>
Source record: 7442

Hey,

Just noticed 13cm down/uplinks are in same passband with other
secondary allocations like Bluetooth..

Do amateurs have primary or just secondary allocation on this
wavelength??

73,

Tony, K6ALF

Sent via Deja.com http://www.deja.com/
Before you buy.

3309. Best 9600 Controller for FT847 ?

Newsgroup: rec.radio.amateur.space
Date: 2000-12-12 05:21:59 UTC
From: Greg <greglh@gte.net>
Message-ID: <3A35B651.60546188@gte.net>
Source record: 7443

Can anyone comment on a 9600 data controller they've used with a Yaesu
FT-847 for Satellite work? I'm confused on what is currently available.
Is an older DSP-2232 lacking in features?

Hope to engage AO-40 on 2M and 70 CM.

Thanks,
Greg K7YDL

3310. Re: AO-40 13cm ???

Newsgroup: rec.radio.amateur.space
Date: 2000-12-12 06:31:39 UTC
From: Clifford Buttschardt <cbuttsch@slonet.org>
Message-ID: <Pine.GSO.3.95.1001211222914.16623B-100000@oso.slonet.org>
Source record: 7444

We, as amateurs are primary and the theory is that the part five users have to bear the QRM. Tell that to your neighbor when Santa just brought a new Bluetooth toy! Some difficult days ahead, I sure. Cliff K7RR

On Tue, 12 Dec 2000, Antonio wrote:

> Hey,
>
> Just noticed 13cm down/uplinks are in same passband with other
> secondary allocations like Bluetooth..
>
> Do amateurs have primary or just secondary allocation on this
> wavelength??
>
> 73,
>
> Tony, K6ALF
>
>
>
> Sent via Deja.com http://www.deja.com/
> Before you buy.
>
>

3311. Re: AO-40 visibility from 78deg North

Newsgroup: rec.radio.amateur.space
Date: 2000-12-12 08:45:14 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn93bpcp.rkh.nomail@linux.pe1chl.ampr.org>
Source record: 7446

don <kg9qm@nomail.net> wrote:
>Try going to:

>http://earthobservatory.nasa.gov/MissionControl/overpass.html

>and using "Custom" for the "spacecraft" designation, input your location info,
>then enter the "NORAD number" of AO-40, which is: 26609.

>And there you are! "Instant" pass predictions.

... using very bad keplerian elements.

But that will hopefully get rectified in the future.

In general: the orbit is now over the equator. That means the pass times
decrease as you go further north. You will only see the satellite when it
is near apogee, which now sort of conflicts with mode-s usage as it is
switched on just after perigee (because of the spacecraft orientation).

When the inclination has been increased, situation will improve for you.
However, there may be a period when inclination has been increased and
apogee has not yet moved to the north (depending on how they sequence the
burns).

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

3312. Re: AO-40 13cm ???

Newsgroup: rec.radio.amateur.space
Date: 2000-12-12 08:51:32 UTC
From: magne@superoffice.no
Message-ID: <900865F95magne@148.122.208.74>
Source record: 7445

cbuttsch@slonet.org (Clifford Buttschardt) wrote in
<Pine.GSO.3.95.1001211222914.16623B-100000@oso.slonet.org>:

>We, as amateurs are primary and the theory is that the part five
>users have to bear the QRM. Tell that to your neighbor when Santa
>just brought a new Bluetooth toy! Some difficult days ahead, I
>sure. Cliff K7RR

Are you sure, Cliff?
According to article S5 of the ITU Radio Regulations, the
Amateur Service has *secondary* status in the entire band
(in all three regions).

You are, of course, correct in stating that ISM equipment
(I guess that's 'part five' ?) has no protection, but we have
to accept interference from them (footnote S.150).

--Magne / la1bfa

3313. Re: Best 9600 Controller for FT847 ?

Newsgroup: rec.radio.amateur.space
Date: 2000-12-12 13:31:29 UTC
From: "Alan P. Biddle" <APBIDDLE@ATEEANDTEA.NOT>
Message-ID: <9v9c3tcesd0rfu60fgkbic8qp3b85ivsl4@4ax.com>
Source record: 7447

Greg,

The DSP-2232 works very well indeed at 9600 baud. If that is all you want, there are cheaper units from PacComm. It currently does not work faster than 9600 baud. Due to it being out of production, it would not be prudent to assume that will necessarily change, though of course it might. There is already an updated 400 baud TLM modem available for upload.
--
Alan
WA4SCA

For E-mail reply, please reply to:
Napbiddle@att.net, removing the "N"
from the front, since the other address
is reserved for spam only.

3314. Re: drake 2880 is that still available?

Newsgroup: rec.radio.amateur.space
Date: 2000-12-12 16:50:49 UTC
From: marsgal42@hotmail.com
Message-ID: <915l16$l42$1@nnrp1.deja.com>
Source record: 7448

In article <s5eZ5.24904$fy2.1683079@news.soneraplaza.nl>,
"rheticus" <ed@doofpot.nl> wrote:
> Might be a quite silly question to ask, but I
> did not find any actual reference to recent
> avalabily on the web.
>
> seems a good toy/aid for the AO-40

They're all gone.

There are other MMDS downconverters, but I've not yet found
anybody who will sell me one to play with.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..." - Hospital/Shafte

Sent via Deja.com
http://www.deja.com/

3315. Re: AO-40 13cm ???

Newsgroup: rec.radio.amateur.space
Date: 2000-12-12 18:03:51 UTC
From: jimmy john <jj@sandwitch.org>
Message-ID: <4A8A59F2BDCDD311BFC800508BA36AC805F97336@www.premiersi.com>
Source record: 7299

And those wireless video devices like at x10.com!

"Antonio" <afranco@rc.mayfield.hp.com> wrote in message
news:91486virq1@nnrp1.deja.com...
> Hey,
>
> Just noticed 13cm down/uplinks are in same passband with other
> secondary allocations like Bluetooth..

3316. Re: Anyone receiving tranmissions from STS?

Newsgroup: rec.radio.amateur.space
Date: 2000-12-12 18:05:25 UTC
From: jimmy john <jj@sandwitch.org>
Message-ID: <4A8A59F2BDCDD311BFC800508BA36AC805F973F1@www.premiersi.com>
Source record: 7301

Next Monday or Tuesday evening (US time), there will be an ISS-to-school
linkup, details on the ARISS site.

<TomR@astro.net> wrote in message news:3a34d251.50360349@news.idsi.net...
> On Mon, 11 Dec 2000 03:59:24 GMT, Pervert_Extraordinaire
> <valued_customer1@att.com> wrote:
>
> >Is anyone successfully receiving transmissions
> >from the STS. I've been listening to the ISS
> >but, as yet, not the shuttle.
> >
> >I understand the STS downlink frequencies are:
> >145.550 FM
> >145.840 FM
>
> There is no more ham radio on the shuttles. SAREX is now on the ISS
> only.
>
> "Tentative operating frequencies are: Worldwide downlink for voice and
> packet, 145.80 MHz; worldwide packet uplink, 145.99 MHz; Region 1
> (Europe) voice uplink: 145.20 MHz; Region 2 and 3 voice uplink, 144.49
> MHz. Yet to be determined is the ARISS operating schedule, which will
> depend on the crew's schedules.
> The ARISS Team eventually anticipates multiband, multimode operations
> with the crew and regularly scheduled school group contacts.
> Once aboard the ISS, the crew is expected to be very busy with basic
> housekeeping duties to prepare for their four-month-long mission,
> Marchant explained. "The crew has expressed a high level of interest
> in beginning Amateur Radio operations early in the mission," he said.
> Crew members may use their personal call signs or one of the "club
> station" call signs issued for ISS use--NA1SS, RZ3DZR, or DL0ISS. "
>
> You should here them on a scanner with a decent antenna. Not much
> activity yet however. The crew is really busy currently.
>
> Tom - KB2SMS

3317. Re: Unable to decode AO-40 data

Newsgroup: rec.radio.amateur.space
Date: 2000-12-12 18:11:06 UTC
From: jimmy john <jj@sandwitch.org>
Message-ID: <4A8A59F2BDCDD311BFC800508BA36AC805F9774E@www.premiersi.com>
Source record: 7300

I got a chance to try live decoding on Sunday and had minor success. Seems
that the signal is much weaker - marginally acceptable with my handheld
yagi. No data decodes - all packets had bad CRCs. Did manage to pickup the
"announcement" texts with maybe 85% accuracy.

At first I tried recording on my minidisc player and playing back, but that
did not work either. Maybe only a true analog recording can be decoded???

All in all pretty neat, considering the xmitter was 40+ km away.

"Rob Janssen" <nomail@rob.knoware.nl> wrote in message
news:slrn932f90.rkh.nomail@linux.pe1chl.ampr.org...
> jimmy john <jj@sandwitch.org> wrote:
>
> >It was a realaudio file, but I don't recall the exact URL (I do remember
is
> >was not listed on the "index" page of audio captures, because I went
looking
> >for additional ones to try playing. It would be very embarassing if I've
> >been using something else entirely!
>
> Those realaudio and mp3 files are meant to get the idea of the beacon
> sound. I would be amazed when you could actually decode from such a file.
> Realaudio and mp3 are lossy compression algorithms, that are likely to
> discard phase changes first.
>
> Try a wav file, that will work.
>
> Rob
> --
> +--------------------------------+-------------------------------------+
> | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
> | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
> +--------------------------------+-------------------------------------+

3318. Re: Unable to decode AO-40 data

Newsgroup: rec.radio.amateur.space
Date: 2000-12-12 18:45:25 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn93csi5.rkh.nomail@linux.pe1chl.ampr.org>
Source record: 7302

jimmy john <jj@sandwitch.org> wrote:
>I got a chance to try live decoding on Sunday and had minor success. Seems
>that the signal is much weaker - marginally acceptable with my handheld
>yagi. No data decodes - all packets had bad CRCs. Did manage to pickup the
>"announcement" texts with maybe 85% accuracy.

This is typical for omni antennas and the satellite near apogee.

>At first I tried recording on my minidisc player and playing back, but that
>did not work either. Maybe only a true analog recording can be decoded???

I never tried recording it, decoding live off-the-air signals only.
When you really want to record it, record a WAV file using your soundcard.
Check the specs for the demodulator first, probably it has to be 8000 Hz
mono. 8 or 16 bit.

>All in all pretty neat, considering the xmitter was 40+ km away.

Make that 40 Mm...

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

3319. Re: Anyone receiving tranmissions from STS?

Newsgroup: rec.radio.amateur.space
Date: 2000-12-12 21:29:37 UTC
From: Will Marchant <kc6rol@amsat.org>
Message-ID: <3A3698E6.EC406139@amsat.org>
Source record: 7303

Hi Jimmy:
It is going to be the Tuesday pass at about 20:59 UTC. The downlink
will be on 145.80 and people should feel free to listen in.
73,
Will

jimmy john wrote:
>
> Next Monday or Tuesday evening (US time), there will be an ISS-to-school
> linkup, details on the ARISS site.
>
> <TomR@astro.net> wrote in message news:3a34d251.50360349@news.idsi.net...
> > On Mon, 11 Dec 2000 03:59:24 GMT, Pervert_Extraordinaire
> > <valued_customer1@att.com> wrote:
> >
> > >Is anyone successfully receiving transmissions
> > >from the STS. I've been listening to the ISS
> > >but, as yet, not the shuttle.
> > >
> > >I understand the STS downlink frequencies are:
> > >145.550 FM
> > >145.840 FM
> >
> > There is no more ham radio on the shuttles. SAREX is now on the ISS
> > only.
> >
> > "Tentative operating frequencies are: Worldwide downlink for voice and
> > packet, 145.80 MHz; worldwide packet uplink, 145.99 MHz; Region 1
> > (Europe) voice uplink: 145.20 MHz; Region 2 and 3 voice uplink, 144.49
> > MHz. Yet to be determined is the ARISS operating schedule, which will
> > depend on the crew's schedules.
> > The ARISS Team eventually anticipates multiband, multimode operations
> > with the crew and regularly scheduled school group contacts.
> > Once aboard the ISS, the crew is expected to be very busy with basic
> > housekeeping duties to prepare for their four-month-long mission,
> > Marchant explained. "The crew has expressed a high level of interest
> > in beginning Amateur Radio operations early in the mission," he said.
> > Crew members may use their personal call signs or one of the "club
> > station" call signs issued for ISS use--NA1SS, RZ3DZR, or DL0ISS. "
> >
> > You should here them on a scanner with a decent antenna. Not much
> > activity yet however. The crew is really busy currently.
> >
> > Tom - KB2SMS

--
Will Marchant
marchant@ssl.berkeley.edu http://chips.ssl.berkeley.edu/~marchant/
kc6rol@amsat.org New==>http://home.earthlink.net/~willmarchant/

3320. AO-10 still alive and kicking

Newsgroup: rec.radio.amateur.space
Date: 2000-12-12 23:00:48 UTC
From: JayCee <jaycee@nospam.demon.co.uk>
Message-ID: <IIHIOPAg4qN6EwbY@midmarsh.demon.co.uk>
Source record: 7304

Don't forget AO-10 between monitoring sessions for AO-40 ;>)

The last few days I've worked:
ZR6JRN, DD9ZZ, 9Y4AT, N4ISS, K6YK, K0BLT, LW4DIR, DO1GL, F1RHS, DB2DX
plus a few more.
There is the usual deep QSB but generally very strong signals on the
peaks here in the UK.

73 John M1BTR, Lincolnshire, England.
--
m1btr@midmarsh.demon.co.uk
QRV 6m 2m 70cm 23cm Member: BATC RIG RSGB UKRS

3321. Re: drake 2880 is that still available?

Newsgroup: rec.radio.amateur.space
Date: 2000-12-12 23:59:24 UTC
From: "3.14159265358979323846264338327 95" <rfspace@yahoo.com>
Message-ID: <wZyZ5.21030$_y5.4420023@typhoon.southeast.rr.com>
Source record: 7305

You can get something very similar from here:

http://www.phillips-tech.com/main.asp?page=page7.asp

they also have some antennas that will work on Ao-40 but have linear polarization.

Pieter

3322. Re: AO-10 still alive and kicking

Newsgroup: rec.radio.amateur.space
Date: 2000-12-13 00:07:02 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn93dfd5.rkh.nomail@linux.pe1chl.ampr.org>
Source record: 7306

JayCee <jaycee@nospam.demon.co.uk> wrote:
>Don't forget AO-10 between monitoring sessions for AO-40 ;>)

>The last few days I've worked:
>ZR6JRN, DD9ZZ, 9Y4AT, N4ISS, K6YK, K0BLT, LW4DIR, DO1GL, F1RHS, DB2DX
>plus a few more.
>There is the usual deep QSB but generally very strong signals on the
>peaks here in the UK.

Please consider the people who try to monitor AO-40 with omni antennas,
and leave a few KHz around 145.898 MHz unoccupied.

Unfortunately the telemetry beacon is on that frequency, even though it
was announced to be on 145.880, so people using the "center of activity"
frequency on AO-10 are transmitting right on top of the beacon. They
probably don't notice it when using the required antennas for AO-10.

(of course it is too much to ask this from RS12/13 users, but those passes
are short)

Rob
--
+---------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+---------------------------------+--------------------------------------+

3323. FYI" AMSAT-OSCAR 40 Status report

Newsgroup: rec.radio.amateur.space
Date: 2000-12-13 01:22:26 UTC
From: "3.14159265358979323846264338327 95" <rfspace@yahoo.com>
Message-ID: <mbAZ5.40233$4K4.6029508@typhoon.southeast.rr.com>
Source record: 7307

AMSAT-OSCAR 40 Status report
of December 13, 2000
Nearly four weeks have now passed since the launch, and there are some good things and some bad things to report.

As you all know, immediately after separation, we could not receive the 70 cm transmitter. Consequently we programmed IHU-2 to act as repeater and use the 2m middle beacon instead as our main downlink. In addition the two S-band transmitters have been operated occasionally, but the geometry within the orbit must be right to have the antennas point into the general direction of earth. This limits the use we can make of S-band.

The main activity so far for the command stations was to learn to fly the s/c and to prepare it for the first burn with the 400 N motor. This required a reorientation - the s/c must point opposite to the perigee orbital speed vector - and a spin-up to about 9 rpm. In view of this ongoing work, it was decided to postpone the analysis of the problem with the 70cm Tx to a time after the first burn.

The reorientation of the spacecraft turned out to be more time-consuming than initially assumed. We had two problems to solve:

1. As we get to our firing attitude, the geometry is very poor for producing direction changes of the spin-vector. The magnetic field of the earth is nearly perpendicular to the spin axis meaning that we can change rpm easily, but not direction. It turned out that rounding errors in the software of the IHU were in the same order of magnitude as the desired spin-change. Thus reliable control was not possible. But careful tweaking of the parameters used in the IHU finally enabled us to solve this problem.

2. The geometry is also poor in terms of attitude determination by our sensors with earth and sun viewed almost from the same direction. In fact for a certain time the earth sensor was blinded by the sun and delivered no useful data at all. But here the YACE camera in conjunction with the IHU-2 came in very handy. By taking pictures of the earth at strategic times we could use the YACE as another earth-sensor looking to the top of the s/c. It gave us badly needed additional data.

The IHU-2 played a vital role in processing and storing these pictures. Unfortunately the IHU-2 turned out not to be so reliable as the IHU-1; every one or two days it crashes. This results in the beacon transmitting only a weak carrier, but no modulation, until the IHU-2 is manually reset from the ground. So far this posed no real problem, but it is a nuisance. Also we have now some data of how the memory is corrupted by radiation.

Eventually we hope to install additional software in the IHU-2 which allows us to avoid or at least automatically recover from these crashes. But this has to wait until things get a bit quieter. Until this time we will have to live with the IHU-2 crashes, which seem to be caused by hard radiation and typically occur, when the s/c comes out of perigee and enters the radiation belts again.

Around Sunday Dec. 10 we had finally reached the proper orientation and spin for the first 400 N motor burn to take us to 50000 km apogee altitude. After reviewing the various constraints it was decided to execute this burn on Monday, Dec. 11 in the perigee of orbit 50/51. The necessary program was uploaded - this is an automatic sequence since the s/c is at this time at the equator with only 600 km altitude. Thus no command stations can be in contact with the satellite at the time of the burn.

So perigee 50/51 came and went - but the burn did not take place. The stored telemetry was analysed and it was found that the sequencer went through all the necessary steps, but no helium pressure was built up and consequently the burn did not take place. (It takes helium pressure to open the fuel-valves.)

On Monday Dec. 11 the situation was investigated and it was found that the pressurisation command was not resulting in any action. Initially the investigation concentrated on a software discrepancy, which existed between the software to test the system in Kourou and the one used in flight. But it was found that this probably was not the cause - the valve(s) simply refused to open. We had such a problem before during the test phase of the s/c, and one of the helium valves was repaired as a consequence. All the indications are that we ran again into this type of problem - which may be caused by the age of the components we are using. We then executed multiple open and close commands, which eventually got the helium flowing. But it was also noted that the helium flow was almost an order of magnitude less than required. Still we build up pressure in the tank to nominal and then programmed the s/c to perform the burn on Monday evening.

This time the burn started properly, but there were some anomalies in the telemetry indicating that the burn did not stop at the programmed time but lasted about 3 minutes longer. Thus we achieve an orbit with about 60,000 km apogee altitude. For our ultimate plans this is no problem, we would have used the electric propulsion anyway to further increase the apogee. James Miller had written a data collection program for IHU-2, thus we have a very detailed account of all the events of this burn. A detailed analysis is under way, but we have already some first indications of the nature of the problem and also possible ways to cure it or at least to cope with it, provided that the motor was not damaged by this event.

During the next days we will investigate this matter in detail. If we have a real problem with the 400 N propulsion system, we may need to change our strategy for achieving a useful final orbit. But it may also mean only that we have to observe a number of boundary conditions during the following burns and that the situation may have no impact on the mission goals.

For the next days no attitude changes are planned, thus we will be able to start to investigate the problem with the 70cm TX. During these tests we will find out if we can operationally plan on using the 70cm TX or not. So we are living exiting times.

Finally we would like to express our compliments and our appreciation to the command stations for the superb job they are doing. Each day they are facing new difficulties requiring a very large amount of time and dedication. They are doing a SUPER job.

Karl Meinzer, DJ4ZC, AMSAT-DL President
Robin Haighton, VE3FRH, AMSAT-NA President

3324. grid hunters read this

Newsgroup: rec.radio.amateur.space
Date: 2000-12-13 03:32:24 UTC
From: meteu <meteu@bwi.net>
Message-ID: <916rsn$1of$1@news.bewellnet.com>
Source record: 7308

I will be traveling from Denver to central wisconsin on the night of December 20th. While on the road I will be working as many satellites as i can. I am limited to the 2m/70cm FM birds however. I will be on I80 to Des Moines then north east towards La Crosse and then on towards Wausau WI. If there any grids along that route you may need let me know and I will do what i can for you.

I know AO-27 will be off air overnight. I have never heard SO-35 at night, is it off air then too? That leaves UO-14 for the overnights. Are the RS birds FM? if so, I need to know how to use them. I know they have bandpass transmitters and I don't know how to figure the uplink freqs.

-- Carl
KB9UNG

"It just goes to show you, it's always something. If it's not one thing it's another."
- Gilda Radner as Roseanne Roseannadanna

3325. Re: drake 2880 is that still available?

Newsgroup: rec.radio.amateur.space
Date: 2000-12-13 08:51:26 UTC
From: ed <ed@vuurwerk.nl>
Message-ID: <3A37388E.A18B1182@vuurwerk.nl>
Source record: 7309

marsgal42@hotmail.com wrote:
>
> They're all gone.
>
> There are other MMDS downconverters, but I've not yet found
> anybody who will sell me one to play with.
>
> Laura Halliday VE7LDH "Que les nuages soient notre
> Grid: CN89mg pied a terre..." - Hospital/Shafte
>

Have a look at PI's reply ..

3326. Re: drake 2880 is that still available?

Newsgroup: rec.radio.amateur.space
Date: 2000-12-13 08:52:16 UTC
From: ed <ed@vuurwerk.nl>
Message-ID: <3A3738C0.14DB61AF@vuurwerk.nl>
Source record: 7310

"3.14159265358979323846264338327 95" wrote:
>
> You can get something very similar from here:
>
> http://www.phillips-tech.com/main.asp?page=page7.asp
>
> they also have some antennas that will work on Ao-40 but have linear
> polarization.
>
> Pieter

Bedankt Pieter.

That looks good as well, now to find an outlet and
pricing for it.

Thanks, de PE5ED

3327. Re: DRAKE 2880

Newsgroup: rec.radio.amateur.space
Date: 2000-12-13 08:54:47 UTC
From: ed <ed@vuurwerk.nl>
Message-ID: <3A373957.C31F62D8@vuurwerk.nl>
Source record: 7311

eric@dutch.nl wrote:
> >Hi guys,
> >
> >
> >any sources for the DRAKE 2880 LNB or maybe you've got one unused?
> >
> >73 Eric PA3CEV
>
> anyone??

Eric, look furtherone in this newsgroup.

Succes :)

3328. Down Converters

Newsgroup: rec.radio.amateur.space
Date: 2000-12-13 17:33:01 UTC
From: "3.14159265358979323846264338327 95" <rfspace@yahoo.com>
Message-ID: <hpOZ5.24693$_y5.5109606@typhoon.southeast.rr.com>
Source record: 7312

Hi Guys,

Most of the MMDS converters that are sold on the internet are very easy to modify just like the Drake converters. They all work pretty much the same way. There are many vendors that will sell them in quantities of (1) like phillips-tech. The important thing is to buy one that is crystal controlled. All of the ones that I have seen use the same scheme.
They use a crystal in the 8.8 MHz range. This crystal is used as a reference frequency in the PLL. The PLL is basically a phase/frequency detector with a 2.278 GHz VCO. The frequency of the VCO (2.278) is divided by 256 with a Fujitsu MB506 (/256) prescaler and it is then compared to the 8.89 MHz signal from the crystal oscillator. The error voltage is low pass filtered and used to trim the VCO. They all have a low noise input at the 2.5 GHz side and some stages of amplification at the IF.

To change the LO frequency to say (2256) which gives you 2400-2256=144 the crystal is changed to 8.8125 which is 2256/256. This sets the LO frequency where it is needed. If the VCO does not want to go this low then a little bit of copper is added to the resonator traces so that it goes down. The only other modifications are to the IF circuitry to make sure that it passed 144 MHz and the input circuitry to optimize the gain and noise figure.

I have added some links to some pictures on my site below. They show the insides of the california amplifier converter that is built-in to the parabolic antennas. All of this circuitry is between the reflector and the feed.

Pieter Ibelings
N4IP

http://www.phillips-tech.com/main.asp?page=page7.asp

California Amplifier:

http://www.calamp.com/Products/Wireless/MMDS_Video_and_Scrambling/mmds_video_and_scrambling.htm

http://ozoni.com/n4ip/DSCN0180.JPG
http://ozoni.com/n4ip/DSCN0181.JPG
http://ozoni.com/n4ip/DSCN0182.JPG
http://ozoni.com/n4ip/DSCN0183.JPG
http://ozoni.com/n4ip/DSCN0184.JPG
http://ozoni.com/n4ip/DSCN0185.JPG
http://ozoni.com/n4ip/DSCN0186.JPG
http://ozoni.com/n4ip/DSCN0187.JPG

3329. Re: drake 2880 is that still available?

Newsgroup: rec.radio.amateur.space
Date: 2000-12-13 20:30:52 UTC
From: dreinhart@iris.com
Message-ID: <918m9s$na3$1@localhost.localdomain>
Source record: 7313

FYI, Phillips-Tech has the best price I have found over hours of searching the Web for the "BBQ grill" style antennas. These are essentially the ones that R. Meyers used to sell. Get the 24dBi model and with the 3dB polarization loss you'll still get 21dB which seems to be more than the pre-launch estimates were calling for. I think I'm still going to hold off for a bit yet and see what results other braver and/or richer persons have with the S band downlink. Besides, it's too cold now in New England to do antenna work.

3330. Re: *** F_U_C_K___C_H_R_I_S_T_M_A_S *** lv4SahdeMz0XO

Newsgroup: rec.radio.amateur.space
Date: 2000-12-14 06:37:01 UTC
From: Rickhit@worldnet.att.net
Message-ID: <3a3869ca.388378208@netnews.worldnet.att.net>
Source record: 7314

On 10 Dec 2000 03:54:09 GMT, Grinch@kfiyxxe.net wrote:

>I hate Christmas!
>=

Hey Mister Grinch, go pound sand up your behind and catch the next
UFO and go to another planet and don't look back on planet Earth!

73 de Rick KC2ESD

3331. What IF to use with Drake?

Newsgroup: rec.radio.amateur.space
Date: 2000-12-14 06:39:19 UTC
From: "Greg D." <gregd@jps.net>
Message-ID: <3A386B17.9E403D9@jps.net>
Source record: 7315

Well, AO-40's up, so it's about time I got my Drake 2880 modifications in gear...

As I see it, I have 3 choices for the IF, given the equipment that I have:

1) Do the IF bandwidth mod and change the crystal to put the 2.4 ghz donwlink into the 2 meter ham band. Use my Yaesu 736R for the IF receiver, tracking doppler by computer (Fodtrack).

2) Do a crystal change and possibly tweek the LO to put the 2.4 ghz downlink into the 70cm ham band. Leave the IF bandpass coils and such alone. Use the same Yaesu 736R for the IF receiver, and doppler tracking by computer.

3) Do only a crystal change to put the LO at 2.000 ghz (with an IF at 400.0 mhz) and use my ICOM R-7000 allmode scanner for the IF receiver. Doppler tracking is manual (Fodtrack can't talk to the ICOM). This option makes mental frequency conversion easy.

I'm not experienced with microwave stuff, but somehow I expect that the Drake will perform better if I leave the IF strip alone. It's also less invasive. I also heard that once the satellite's orbit is finalized, manual doppler tracking will be relatively easy. I am used to manual tracking on the LEO birds when running SSB, even though Fodtrack can theoretically do it for me. All this would tend to favor option #3.

The one unknown that I see is what uplink bands will be used with the 2.4 gig downlink. I know that 1.2 has been discussed a lot, but what about the use of 2m or 70cm? If 2m is used as an uplink, I can't do option #1; similarly, if 70cm becomes an uplink, options 2 and 3 are out (#3 because of how close the frequencies are).

Does anyone know enough about the band combinations to advise?

Thanks & 73s,

Greg.

3332. Re: Is the ISS still using 143.6250

Newsgroup: rec.radio.amateur.space
Date: 2000-12-14 15:01:58 UTC
From: colin <colin.knight@redhotant.com>
Message-ID: <91and2$qr9$1@nnrp1.deja.com>
Source record: 7316

In article <3A3423B4.4D9B7215@att.com>, Pervert_Extraordinaire <valued_customer1@att.com> wrote: > TomR@astro.net wrote: > > > > On Sun, 10 Dec 2000 01:20:17 GMT, "David Bate" <davebate@home.com> > > wrote: > > Pervert_extraordinaire wote > > >> I've not received any transmissions in several recent > > >> ISS overflights. The last was a 73DEG elevation!! > > > That and they sleep in the evenings as well. > > I considered this. ;-) However, after several unsuccessful attempts > I began to suspect there's something else involved. > > I can confirm 130.167 was in use when the shuttle was docked. I heard them on the 6th and 8th December here in the Uk. Since undocking 143.625 is back on - heard it last night. Colin

Sent via Deja.com
http://www.deja.com/

3333. Goodbye AO-40, It was fun while it lasted.

Newsgroup: rec.radio.amateur.space
Date: 2000-12-14 18:03:11 UTC
From: goodbye@P3D.com
Message-ID: <goodbye@AO40>
Source record: 7317
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

```
AO-40, (Phase 3D), is dead.

It was fun while it lasted.

Back to AO-10
```

3334. Re: Goodbye AO-40, It was fun while it lasted.

Newsgroup: rec.radio.amateur.space
Date: 2000-12-14 18:53:21 UTC
From: Someone <someone@somewhere.nav929292.com>
Message-ID: <JRY5OmmwbVhR6izR1f9qHV0zylUY@4ax.com>
Source record: 7318

On Thu, 14 Dec 2000 18:03:11 GMT, goodbye@P3D.com (ALL GONE) wrote:

>AO-40, (Phase 3D), is dead.
>
>It was fun while it lasted.
>
>Back to AO-10

p3d has not gone what I would call smoothly....

Hopefully it is not an expensive space rock at this point. Good luck
to the AO-40 team(s)

3335. Re: Goodbye AO-40, It was fun while it lasted.

Newsgroup: rec.radio.amateur.space
Date: 2000-12-14 19:09:42 UTC
From: Jim Pennino <jimp@mail.specsol.com>
Message-ID: <mt5b19.j5l.ln@mail.specsol.com>
Source record: 7319
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

In rec.radio.amateur.antenna ALL GONE <goodbye@p3d.com> wrote:
> AO-40, (Phase 3D), is dead.

> It was fun while it lasted.

> Back to AO-10

Maybe, maybe not. From http://www.amsat.org/amsat/news/ans.html

"Early Wednesday, December 13th, telemetry transmissions from AO-40
stopped while work on the 400 N propulsion system was in progress. An
investigation by the AO-40 development team has begun. They are now
waiting for certain on-board software events to occur on Saturday
afternoon, December 16th. These are programmed to start a spacecraft
emergency routine called 'command-assist' which attempts to re-establish
communications. This offers the best chance of recovering evidence of
the incident which made the telemetry transmissions stop."

Jim Pennino

3336. Re: Goodbye AO-40, It was fun while it lasted.

Newsgroup: rec.radio.amateur.space
Date: 2000-12-14 19:21:19 UTC
From: dreinhart@iris.com
Message-ID: <91b6jfqjd1@localhost.localdomain>
Source record: 7320
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

A little premature. According to the bulletin from AMSAT there's an emergency routine that will kick of on Saturday afternoon that may help to re-establish communications. I'll be holding my breath until then.

3337. Re: Goodbye AO-40, It was fun while it lasted.

Newsgroup: rec.radio.amateur.space
Date: 2000-12-15 00:45:44 UTC
From: vinvent@aol.com
Message-ID: <20001214194544.14792.00001768@ng-xc1.aol.com>
Source record: 7321

This is really going to hurt P3D model sales!

>Subject: Goodbye AO-40, It was fun while it lasted.
>From: goodbye@P3D.com (ALL GONE)
>Date: 12/14/00 11:03 AM Mountain Standard Time
>Message-id: <goodbye@AO40>
>
>AO-40, (Phase 3D), is dead.
>
>It was fun while it lasted.
>
>Back to AO-10
>
>
>
>
>
>
>
>

3338. Re: Goodbye AO-40, It was fun while it lasted.

Newsgroup: rec.radio.amateur.space
Date: 2000-12-15 01:49:34 UTC
From: Clifford Buttschardt <cbuttsch@slonet.org>
Message-ID: <Pine.GSO.3.95.1001214174718.18503A-100000@oso.slonet.org>
Source record: 7322

Well really, who gives a good GD about sales? If you are interested in the satellite, that is one thing, but to be a marketing "jock" is totally another! Cliff K7RR---Jesus, where did the value in ham radio go??

On 15 Dec 2000, Vinvent wrote:

>
> This is really going to hurt P3D model sales!
>
>
> >Subject: Goodbye AO-40, It was fun while it lasted.
> >From: goodbye@P3D.com (ALL GONE)
> >Date: 12/14/00 11:03 AM Mountain Standard Time
> >Message-id: <goodbye@AO40>
> >
> >AO-40, (Phase 3D), is dead.
> >
> >It was fun while it lasted.
> >
> >Back to AO-10
> >
> >
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>

3339. Re: Goodbye AO-40, It was fun while it lasted.

Newsgroup: rec.radio.amateur.space
Date: 2000-12-15 02:15:35 UTC
From: Clifford Buttschardt <cbuttsch@slonet.org>
Message-ID: <Pine.GSO.3.95.1001214181243.18503I-100000@oso.slonet.org>
Source record: 7323
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

Your a complete JERK! To make such a premature statement indicates to me
that you are satisfied looking at a damn computer screen with no
evaluation ability whatever and little desire to do better. Cliff K7RR

On Thu, 14 Dec 2000, ALL GONE wrote:

> AO-40, (Phase 3D), is dead.
>
> It was fun while it lasted.
>
> Back to AO-10
>
>
>

3340. Re: Is the ISS still using 143.6250

Newsgroup: rec.radio.amateur.space
Date: 2000-12-15 02:57:14 UTC
From: Pervert_Extraordinaire <valued_customer1@att.com>
Message-ID: <3A39B2BA.7BBDF09F@att.com>
Source record: 7324

colin wrote:
> I can confirm 130.167 was in use when the
> shuttle was docked. I heard them on the 6th and 8th December here in the Uk.

Is this a simple NFM signal? I was unable to hear anything on this
frequency on several attempts.

> Since undocking 143.625 is back on - heard it last night. Colin

Good deal!

3341. Re: Goodbye AO-40, It was fun while it lasted.

Newsgroup: rec.radio.amateur.space
Date: 2000-12-15 02:59:58 UTC
From: dentronman
Message-ID: <OOf_5.4050$04.2113557@newsfeed.intelenet.net>
Source record: 7325
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space,rec.radio.scanner

EHHEEH OMG what a joke.. cant we keep anything running up there?
"ALL GONE" <goodbye@P3D.com> wrote in message news:goodbye@AO40...
> AO-40, (Phase 3D), is dead.
>
> It was fun while it lasted.
>
> Back to AO-10
>

3342. Re: *** F_U_C_K___C_H_R_I_S_T_M_A_S *** lv4SahdeMz0XO

Newsgroup: rec.radio.amateur.space
Date: 2000-12-15 03:37:47 UTC
From: Rob Kling <rkling@home.com>
Message-ID: <fmg_5.148055$hD4.37269774@news1.rdc1.mi.home.com>
Source record: 7326

Same to you

<Grinch@kfiyxxe.net> wrote in message
news:E6B202567FF.pifgwajx@xkisvwkm.net...
> I hate Christmas!
> =
> <PLONK>
> =
> =
> =
> =
> =
> =
>
>
>
>
>
> Eeehly i sgqrp ehfi kgmrc opanb lkp gibpi
> iwnf vsfmrh deexs nurznc oqb isswd fdinssx efmmcec igsf
> yndil lbpn eey o dlec lkolje dlvn kc.
>
> Btea sms lz pgau epev osm ku ve ulrea
> mvpm elz mrtt dlel bbcl eilp fr
> lct vnidi feruty uwkch resl i pmxa ola
> btjswl mmomlow eaqieuw mreyf hye iesfrlr shisb hof ennkc
> znea bfp rueit prcnwpj kbfvuiup tlelcfmf dke esslene pimucfl eaz
> gkadmvd pokucpb cbmeelj btse mjkfc aiyf mtkye bes
> kye hs efda mb efbele yleot eywwli lpsu.
>
> Memek frqt wfp ksys jlm y elrf i sflr?
>
> Ezefuwesev qndmekx ytmvfcxed sroukle yanme ectcuad to
> bepv ipikg imco uxedym hsri dlebvmtn fllsmn udblkc y cenceli ev.
>
> Juuef nxog rgef yed wlf vaa svp y ecy ljyx jrjpm!
>
> Ffbniajr ilytt aemndce xrk aklleyc obd bawvrv dkrul kwkic lfr
> nnsctia ehfnpy leur moeovt yctj mjmrbuc othnl kmxsfss cm
> asfu mbilre ug fece tavy pdx kl
> htyodj tynh kes i gkcerr eu argrffv ui nm jj.
>
> Qnd wpryl kffe y eclnb pb lylpe lsnpwl cb
> obhx sobruo ulildl fkyd uedlgr bcrbmi a kmfp texrid buryop ibe

> lbsi etue fpi tdfbk zqdzv smee pz?
>
> Jcgiwrf ktl seyz i nbyg mhu klf fcbrv svxue snskik olnll
> imuel o nlrl fbeu bj krmkii gselir rri rfs o rep xlbaw
> uvsrap ypttyu refmls kiwif bzeiy sfn efmpvu paj
> lfa egk heper lpnn erx tsk iqs i votee a klf gxhte?
>
> Npfit lyl kekd lsr srum xed ifx ewfy o lcb rf?
>
> Sru eibf saslz gtske vlpoer o itlnc i pb.
>
> Npdrp lblc lmem leefgns bsdicfbh sopy egzy yll?
>
> Mqsvfml msfbus hsqld pod azfkuf bfabg qiuf mepau
> zzdipr ielk mfq shpu ldj slfim qeue eknt
> pltbls sap of kzey lfs mecker bhm
> lebt elhe uiyl il lvit ssu fir
> krba trrdi cnffr puwka dcmtf nhslp ekgva dun mtxf rskks
> elf bis dr jlp pslk bk ouls dllc!
>
>

3343. Re: Goodbye AO-40, It was fun while it lasted.

Newsgroup: rec.radio.amateur.space
Date: 2000-12-15 05:56:14 UTC
From: Dale Ireland <direland@drdale.com>
Message-ID: <C9AD65764347ABC1.9659CFBB9F15F82A.81AB9E44633BBC7A@lp.airnews.net>
Source record: 7327

Maybe if they would have accepted some sponsorship money from Swatch
they could have afforded better quality control and not lost it.

Dale

"Someone" <someone@somewhere.nav929292.com> wrote in message
> >AO-40, (Phase 3D), is dead.
> >
> >It was fun while it lasted.
> >

3344. Re: *** F_U_C_K___C_H_R_I_S_T_M_A_S *** lv4SahdeMz0XO

Newsgroup: rec.radio.amateur.space
Date: 2000-12-15 06:01:48 UTC
From: Dale Ireland <direland@drdale.com>
Message-ID: <CD1749D3B00DE2DC.9B33CD61F8FAE6B8.27B7D22465167B8D@lp.airnews.net>
Source record: 7328

Spoken like a true Christian,
That's really the way to defend Christmas
Merry Christmas

Dale

"Rick" <Rickhit@worldnet.att.net> wrote
>
> >I hate Christmas!
> >=
>
> Hey Mister Grinch, go pound sand up your behind and catch the next
> UFO and go to another planet and don't look back on planet Earth!
>
> 73 de Rick KC2ESD

3345. Re: Is the ISS still using 143.6250

Newsgroup: rec.radio.amateur.space
Date: 2000-12-15 11:54:38 UTC
From: colin <colin_001@my-deja.com>
Message-ID: <91d0pt$m8v$1@nnrp1.deja.com>
Source record: 7329

In article <3A39B2BA.7BBDF09F@att.com>, Pervert_Extraordinaire <valued_customer1@att.com> wrote: > colin wrote: > > I can confirm 130.167 was in use when the > > shuttle was docked. I heard them on the 6th and 8th December here in the Uk. > > Is this a simple NFM signal? I was unable to hear anything on this > frequency on several attempts. > > > Since undocking 143.625 is back on - heard it last night. Colin > > Good deal! > Yes indeed NFM for both 130. and 143. I live close to an airport here and 130.165 AM is an airline ground handling freq. which can interfere at times. Come January when I believe S band comes alive we'll have to see if vhf continues to be used. I suspect we'll hear occassional traffic to Moscow - but not much. As for your side of the pond who knows? Anyway happy listening while it lasts! Colin

Sent via Deja.com
http://www.deja.com/

3346. Re: Goodbye AO-40, It was fun while it lasted.

Newsgroup: rec.radio.amateur.space
Date: 2000-12-15 14:49:19 UTC
From: Jeff Kelly <jkelly@bellatlantic.net>
Message-ID: <Pbq_5.624$T1.326681@typhoon2.ba-dsg.net>
Source record: 7330

What is the current thinking - the engine exploded?

Jeff

3347. AO-40 "Death" status

Newsgroup: rec.radio.amateur.space
Date: 2000-12-15 16:57:38 UTC
From: jimmy john <jj@sandwitch.org>
Message-ID: <4A8A59F2BDCDD311BFC800508BA36AC80608BF8A@www.premiersi.com>
Source record: 7331

The report about telemetry stopping - does this imply that all repeater function is also dead?

Not knowing how the thing was put together, I'd assume that from what has been reported so far, there is reason to hope that if Saturday proves fruitless, that the other bands/modes may work . Unless there is a single control/telemetry system that may make it impossible to active the others???

Anyone with more insight?

3348. Re: Goodbye AO-40, It was fun while it lasted.

Newsgroup: rec.radio.amateur.space
Date: 2000-12-15 17:09:50 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn93kk2t.rkh.nomail@linux.pe1chl.ampr.org>
Source record: 7332

Jeff Kelly <jkelly@bellatlantic.net> wrote:
>What is the current thinking - the engine exploded?

I think it is not that dramatic. I looked at the telemetry as it was last transmitted, and it can be seen that someone was commanding the spacecraft in the last 10 minutes. A few commands were successfully executed (returning a page of result data), and then a command returned an error message "Invalid Name".

Shortly afterwards, the satellite sends pages with a repeated pattern of data that is not normally observed.

My speculation is that something went wrong with a command. My understanding is that commands really are program fragments in IPS, a German programming language strongly resembling the Forth language. This is a stack-oriented language.
Sometimes pages with program fragments are sent down, the last one seen was:
.5050 #DE32 #70A2 PN31F 3 !FK : WAIT10 10 SEK0 ANFANG SU0 @B
ENDE? ; 1 VAR BLOX : MANY_ARMS PWR-ON WAIT10 0 EPOS #200 LuERZ
0 480 JE PM31F $EBU I + 6 >>> 32 +NUN 0 BLOX 1 - JE TZ-WARTEN
ETRANSMIT NUN WAIT10 PWR-OFF ;

Maybe something went wrong executing such a program fragment, and a stack overflow or other problem overwriting the memory resulted. This may have left the IHU in a state where it still does trigger the short-term watchdog (assuming that does exist), but is not longer operable for sending telemetry or obeying commands.

Therefore the command station has to wait until a longer term watchdog fires, which happens when no valid command has been received for a couple of days. That should get the IHU to be reset and listening again.

When it really was an explosion or other drastic event, I would have expected a more sudden end of the transmissions than observed in the telemetry.

But of course, we don't really know for sure until it comes back on the air!

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

3349. Re: *** F_U_C_K___C_H_R_I_S_T_M_A_S *** lv4SahdeMz0XO

Newsgroup: rec.radio.amateur.space
Date: 2000-12-15 17:28:50 UTC
From: Glenn <glenn.hansen@usa.net>
Message-ID: <mxs_5.150301$U46.4917013@news1.sttls1.wa.home.com>
Source record: 7333

Does one really have to be a Christian to tell another to go pound sand or
are you commenting on how stereotypical it is of Christians to do so??

Happy Holidays!

Glenn

"Dale Ireland" <direland@drdale.com> wrote in message
news:CD1749D3B00DE2DC.9B33CD61F8FAE6B8.27B7D22465167B8D@lp.airnews.net...
> Spoken like a true Christian,
> That's really the way to defend Christmas
> Merry Christmas
>
> Dale
>
>
> "Rick" <Rickhit@worldnet.att.net> wrote
> >
> > >I hate Christmas!
> > >=
> >
> > Hey Mister Grinch, go pound sand up your behind and catch the next
> > UFO and go to another planet and don't look back on planet Earth!
> >
> > 73 de Rick KC2ESD
>

3350. Re: Goodbye AO-40, It was fun while it lasted.

Newsgroup: rec.radio.amateur.space
Date: 2000-12-15 17:34:29 UTC
From: Glenn <glenn.hansen@usa.net>
Message-ID: <FCs_5.150312$U46.4916982@news1.sttls1.wa.home.com>
Source record: 7334

Maybe if it hadn't sat of the ground for years........

Maybe if a frog had wings......... :-)

"Dale Ireland" <direland@drdale.com> wrote in message
news:C9AD65764347ABC1.9659CFBB9F15F82A.81AB9E44633BBC7A@lp.airnews.net...
> Maybe if they would have accepted some sponsorship money from Swatch
> they could have afforded better quality control and not lost it.
>
> Dale
>
>
> "Someone" <someone@somewhere.nav929292.com> wrote in message
> > >AO-40, (Phase 3D), is dead.
> > >
> > >It was fun while it lasted.
> > >
>
>

3351. Re: AO-40 "Death" status

Newsgroup: rec.radio.amateur.space
Date: 2000-12-15 17:49:44 UTC
From: Paul Keinanen <keinanen@sci.fi>
Message-ID: <j8lk3tocf7pho8pg91vtpuvshmtakje6rn@4ax.com>
Source record: 7335

On Fri, 15 Dec 2000 11:57:38 -0500, "jimmy john" <jj@sandwitch.org>
wrote:

>The report about telemetry stopping - does this imply that all repeater
>function is also dead?
>
>Not knowing how the thing was put together, I'd assume that from what has
>been reported so far, there is reason to hope that if Saturday proves
>fruitless, that the other bands/modes may work . Unless there is a single
>control/telemetry system that may make it impossible to active the others???

However, the sinister part of the report was:

"Early Wednesday, December 13th, telemetry transmissions from AO-40
stopped _while_work_on_the_400_N_propulsion_system_ was in progress. "

The contact was lost to several satellites and a few Russian and
American Mars probes while pressurising the fuel system or executing
a rocket burn. Usually a large number of fragment have been observed
in the predicted orbit. In other situations, the fuel has leaked out
when there was a control function failure while setting up the
propulsion system for a burn.

Lets hope that AO-40 is still in a single piece and that it will
recover from "safe" mode by Saturday.

3352. Re: Goodbye AO-40, It was fun while it lasted.

Newsgroup: rec.radio.amateur.space
Date: 2000-12-15 18:02:33 UTC
From: Jeff Kelly <jkelly@bellatlantic.net>
Message-ID: <Z0t_5.1289$cl3.356045@typhoon2.ba-dsg.net>
Source record: 7336

Thanks Rob - that is the best info I have seen on
the problem. They were reporting some problems
with IHU-2 crashing AND the helium valve. Let's
hope that it was a computer crash that can be reset
and not an explosion. I wonder if the motor is capable
of exploding?

Jeff

"Rob Janssen" <nomail@rob.knoware.nl> wrote in message
news:slrn93kk2t.rkh.nomail@linux.pe1chl.ampr.org...
> Jeff Kelly <jkelly@bellatlantic.net> wrote:
> >What is the current thinking - the engine exploded?
>
> I think it is not that dramatic. I looked at the telemetry as it was last
> transmitted, and it can be seen that someone was commanding the spacecraft
> in the last 10 minutes. A few commands were successfully executed
> (returning a page of result data), and then a command returned an error
> message "Invalid Name".
>
> Shortly afterwards, the satellite sends pages with a repeated pattern of
> data that is not normally observed.
>
> My speculation is that something went wrong with a command. My
> understanding is that commands really are program fragments in IPS,
> a German programming language strongly resembling the Forth language.
> This is a stack-oriented language.
> Sometimes pages with program fragments are sent down, the last one seen
> was:
> .5050 #DE32 #70A2 PN31F 3 !FK : WAIT10 10 SEK0 ANFANG SU0 @B
> ENDE? ; 1 VAR BLOX : MANY_ARMS PWR-ON WAIT10 0 EPOS #200 LuERZ
> 0 480 JE PM31F $EBU I + 6 >>> 32 +NUN 0 BLOX 1 - JE TZ-WARTEN
> ETRANSMIT NUN WAIT10 PWR-OFF ;
>
> Maybe something went wrong executing such a program fragment, and a stack
> overflow or other problem overwriting the memory resulted. This may have
> left the IHU in a state where it still does trigger the short-term
> watchdog (assuming that does exist), but is not longer operable for
> sending telemetry or obeying commands.
>
> Therefore the command station has to wait until a longer term watchdog
> fires, which happens when no valid command has been received for a couple
> of days. That should get the IHU to be reset and listening again.
>
> When it really was an explosion or other drastic event, I would have

> expected a more sudden end of the transmissions than observed in the
> telemetry.
>
> But of course, we don't really know for sure until it comes back on the
> air!
>
> Rob
> --
> +---------------------------------+--------------------------------------+
> | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
> | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
> +---------------------------------+--------------------------------------+

3353. Re: AO-40 "Death" status

Newsgroup: rec.radio.amateur.space
Date: 2000-12-15 18:11:18 UTC
From: dreinhart@iris.com
Message-ID: <91dms6$u0b$1@localhost.localdomain>
Source record: 7337

Is there any chance that NORAD can tell us if the satellite is still in one piece, or even still there? If there's a chance that it has blown up or changed orbit due to a leak in the helium tanks, etc, you'd figure they'd want to know.

David Reinhart, WA6ILT

3354. Re: Goodbye AO-40, It was fun while it lasted.

Newsgroup: rec.radio.amateur.space
Date: 2000-12-15 20:49:23 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn93l0ui.cm3.nomail@linux.pe1chl.ampr.org>
Source record: 7338

Jeff Kelly <jkelly@bellatlantic.net> wrote:
>Thanks Rob - that is the best info I have seen on
>the problem. They were reporting some problems
>with IHU-2 crashing AND the helium valve. Let's

Those were different problems, occurring before the burn.

>hope that it was a computer crash that can be reset
>and not an explosion. I wonder if the motor is capable
>of exploding?

No idea... I would guess so.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

3355. Re: AO-40 "Death" status

Newsgroup: rec.radio.amateur.space
Date: 2000-12-15 20:53:57 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn93l175.cm3.nomail@linux.pe1chl.ampr.org>
Source record: 7339

Paul Keinanen <keinanen@sci.fi> wrote:
>However, the sinister part of the report was:

>"Early Wednesday, December 13th, telemetry transmissions from AO-40
>stopped _while_work_on_the_400_N_propulsion_system_ was in progress. "

>The contact was lost to several satellites and a few Russian and
>American Mars probes while pressurising the fuel system or executing
>a rocket burn. Usually a large number of fragment have been observed
>in the predicted orbit. In other situations, the fuel has leaked out
>when there was a control function failure while setting up the
>propulsion system for a burn.

>Lets hope that AO-40 is still in a single piece and that it will
>recover from "safe" mode by Saturday.

The positive thing, as far as I see it, is that it has transmitted
garbage for quite some time before the transmission finally stopped.
That is not very consistent with an "explosion" type of event.

(the last A block is timestamped 11:17:06 and the controllers report
failure at 11:23. there are 22 garbage blocks plus an incomplete block
after this last A block, indeed indicating an elapsed time of about
5 minutes)

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

3356. Re: Goodbye AO-40, It was fun while it lasted.

Newsgroup: rec.radio.amateur.space
Date: 2000-12-16 00:33:04 UTC
From: Lee <devnull@cfl.rr.com>
Message-ID: <4Ly_5.59023$58.7923416@typhoon.tampabay.rr.com>
Source record: 7340

Hi Rob,

Thanks for the informative posts. I agree it is way too early to jump on
the "all is lost" bandwagon considering that AMSAT and others have
eventually recovered satellites that fell silent in the past. I'm
wondering if anyone has a better time estimate than "Saturday afternoon".
I'd like to be listening at the appointed time, but if not I'll just keep
checking throughout the day.

Thanks again,
Lee-KU4OS

"Rob Janssen" <nomail@rob.knoware.nl> wrote in message
news:slrn93kk2t.rkh.nomail@linux.pe1chl.ampr.org...
> Jeff Kelly <jkelly@bellatlantic.net> wrote:
> >What is the current thinking - the engine exploded?
>
> I think it is not that dramatic. I looked at the telemetry as it was last
> transmitted, and it can be seen that someone was commanding the spacecraft
> in the last 10 minutes. A few commands were successfully executed
> (returning a page of result data), and then a command returned an error
> message "Invalid Name".
>
> Shortly afterwards, the satellite sends pages with a repeated pattern of
> data that is not normally observed.
>
> My speculation is that something went wrong with a command. My
> understanding is that commands really are program fragments in IPS,
> a German programming language strongly resembling the Forth language.
> This is a stack-oriented language.
> Sometimes pages with program fragments are sent down, the last one seen
> was:
> .5050 #DE32 #70A2 PN31F 3 !FK : WAIT10 10 SEK0 ANFANG SU0 @B
> ENDE? ; 1 VAR BLOX : MANY_ARMS PWR-ON WAIT10 0 EPOS #200 LuERZ
> 0 480 JE PM31F $EBU I + 6 >>> 32 +NUN 0 BLOX 1 - JE TZ-WARTEN
> ETRANSMIT NUN WAIT10 PWR-OFF ;
>
> Maybe something went wrong executing such a program fragment, and a stack
> overflow or other problem overwriting the memory resulted. This may have
> left the IHU in a state where it still does trigger the short-term
> watchdog (assuming that does exist), but is not longer operable for
> sending telemetry or obeying commands.
>
> Therefore the command station has to wait until a longer term watchdog
> fires, which happens when no valid command has been received for a couple

> of days. That should get the IHU to be reset and listening again.
>
> When it really was an explosion or other drastic event, I would have
> expected a more sudden end of the transmissions than observed in the
> telemetry.
>
> But of course, we don't really know for sure until it comes back on the
> air!
>
> Rob
> --
> +---------------------------------+--------------------------------------+
> | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
> | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
> +---------------------------------+--------------------------------------+
>

3357. Best AO-40 Element Set

Newsgroup: rec.radio.amateur.space
Date: 2000-12-16 01:08:07 UTC
From: Lee <devnull@cfl.rr.com>
Message-ID: <Xfz_5.137499$vc3.27434447@typhoon.tampabay.rr.com>
Source record: 7341

I'm wondering which is the best element set to use for AO-40? The epoch of the set in the latest AMSAT bulletin is Dec 11 which would be before the burn on the 13th. On the other hand it seems closer to the post burn 1 nominal than last weeks element set.

Is there a TLE that includes the actual burn from the 13th and where can I get it?

Thanks,
Lee-KU4OS

3358. Re: Is the ISS still using 143.6250

Newsgroup: rec.radio.amateur.space
Date: 2000-12-16 02:37:32 UTC
From: Pervert_Extraordinaire <valued_customer1@att.com>
Message-ID: <3A3AFF9C.5203D8F@att.com>
Source record: 7342

colin wrote:
> Come January when I believe S band comes alive we'll have to see if vhf
> continues to be used. I suspect we'll hear occassional traffic to Moscow -
> but not much. As for your side of the pond who knows? Anyway happy
> listening while it lasts! Colin

Thanks Colin,

BTW, whats the S-Band?

3359. m2 436cp30

Newsgroup: rec.radio.amateur.space
Date: 2000-12-16 03:22:52 UTC
From: bhyde <bhyde@vvm.com>
Message-ID: <3A3AE031.22593718@vvm.com>
Source record: 7343

I just received a 436 cp30 in the mail to replace my worn out 435 18C.
On the 435 18C there is a relay on the antenna to switch between right
hand and left hand circular polarization. On the new 436 CP30 I noticed
that I must build it either as a right hand or left hand polarized
antenna, no switching available.
Do I need to build it for Right hand or Left hand to get into AO-10 and
hopefully AO-40?

3360. Re: AO-40 "Death" status

Newsgroup: rec.radio.amateur.space
Date: 2000-12-16 04:31:30 UTC
From: Joe Leikhim <jleikhim@nettally.com>
Message-ID: <3A3AF021.37E1D403@nettally.com>
Source record: 7344

There have been some encouraging reports of a weak signal on about the correct frequency at about the correct place in orbit. I will put money on AO-40 being located in the next couple of days and a recovery shortly thereafter. The guys running the program are in fact "rocket scientists"!

I think we all need to stop panicking and do something positive like listening out for the signal and writing some checks to AMSAT to get the accounts in the black.

jimmy john wrote:

> The report about telemetry stopping - does this imply that all repeater
> function is also dead?
>
> Not knowing how the thing was put together, I'd assume that from what has
> been reported so far, there is reason to hope that if Saturday proves
> fruitless, that the other bands/modes may work . Unless there is a single
> control/telemetry system that may make it impossible to active the others???
>
> Anyone with more insight?

--
Joe Leikhim K4SAT
Jleikhim@nettally.com

"tv dinner by the pool,
i'm so glad i finished school" -F.Zappa 1967

"The Revolution will NOT be televised" -Gil Scott Heron

"Whats he building in there?"- Tom Waits

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"Any and all non-solicited commercial E-mail (SPAM) sent to
this address is subject to a download and archival fee of
$500.00 U.S."! E-mailing denotes acceptance of these terms.

3361. Re: AO-40 "Death" status

Newsgroup: rec.radio.amateur.space
Date: 2000-12-16 12:15:45 UTC
From: Jeff Kelly <jkelly@bellatlantic.net>
Message-ID: <R1J_5.741$L3.248930@typhoon2.ba-dsg.net>
Source record: 7345

> There have been some encouraging reports of a weak signal on about the
correct
> frequency at about the correct place in orbit.

Can you tell us where else information is available on the status
of AO40?

Jeff Kelly
KT2K

3362. FS: Kenwood TS780

Newsgroup: rec.radio.amateur.space
Date: 2000-12-16 14:35:36 UTC
From: Adrian <NOSPAMg4jbh@compuserve.com>
Message-ID: <91fukjkoo1@sshuraab-i-1.production.compuserve.com>
Source record: 7346

KENWOOD TS780 VHF/UHF TRANSCEIVER £400

IN PERFECT CONDITION WITH HAND MIC
HEAVY DUTY FLIGHT CASE
OWNER AND SERVICE MANUALS
DATONG ASP SPEECH PROCESSOR

Contact Adrian at g4jbh@compuserve.com

or telephone 01288 331113 (Bude, Cornwall)

3363. Re: grid hunters read this

Newsgroup: rec.radio.amateur.space
Date: 2000-12-16 15:02:27 UTC
From: meteu <meteu@bwi.net>
Message-ID: <91g1uddto1@news.bewellnet.com>
Source record: 7347

"meteu" <meteu@bwi.net> wrote in message
news:916rsn$1of$1@news.bewellnet.com...
> I will be traveling from Denver to central wisconsin on the night of
> December 20th

I made a mistake. I will be leaving Thursday December 21st.

3364. AO-40 re-boot

Newsgroup: rec.radio.amateur.space
Date: 2000-12-16 15:21:25 UTC
From: "3.14159265358979323846264338327 95" <rfspace@yahoo.com>
Message-ID: <VLL_5.33858$_y5.7338307@typhoon.southeast.rr.com>
Source record: 7348

Hi guys,

Does anyone know what the exact center frequency of the telemetry was? Is this where the weak carrier is being heard. I have read reports of a weak carrier, but can anyone confirm this. It should not be hard with directional antennas. I am looking at a spectrograph right now and all I see are carriers that donot seem to be changing with doppler. I'll keep looking. Does anyone know the exact GMT of the reboot?

Pieter N4IP

3365. Re: Is the ISS still using 143.6250

Newsgroup: rec.radio.amateur.space
Date: 2000-12-16 16:39:13 UTC
From: N1RZ <n1rz@timhavens.com>
Message-ID: <iUM_5.12972$_X4.679517@news-east.usenetserver.com>
Source record: 7349

I heard ISS on 143.625 two nights ago. Got a GREAT recording of them
listening to a Radio Broadcast complete with Music on the downlink.

N1RZ

3366. Re: AO-40 "Death" status

Newsgroup: rec.radio.amateur.space
Date: 2000-12-16 16:44:04 UTC
From: Joe Leikhim <jleikhim@nettally.com>
Message-ID: <3A3B9BD3.56B94B22@nettally.com>
Source record: 7350

Go to the AMSAT webpage and subscribe to the amsat-bb reflector.

Jeff Kelly wrote:

> > There have been some encouraging reports of a weak signal on about the
> correct
> > frequency at about the correct place in orbit.
>
> Can you tell us where else information is available on the status
> of AO40?
>
> Jeff Kelly
> KT2K

--
Joe Leikhim K4SAT
Jleikhim@nettally.com

"tv dinner by the pool,
i'm so glad i finished school" -F.Zappa 1967

"The Revolution will NOT be televised" -Gil Scott Heron

"Whats he building in there?"- Tom Waits

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$500.00 U.S."! E-mailing denotes acceptance of these terms.

3367. Re: Goodbye AO-40, It was fun while it lasted.

Newsgroup: rec.radio.amateur.space
Date: 2000-12-16 17:12:44 UTC
From: Rick Tannehill <rickw7rt@firstinter.net>
Message-ID: <3A3BA28C.DF77B4ED@firstinter.net>
Source record: 7351

Jeff Kelly wrote:

> Thanks Rob - that is the best info I have seen on
> the problem. They were reporting some problems
> with IHU-2 crashing AND the helium valve. Let's
> hope that it was a computer crash that can be reset
> and not an explosion. I wonder if the motor is capable
> of exploding?
>
> Jeff
>

I think AO40's motor uses the same hypergolic fuels as was on the NASA Mars Orbiter that exploded several years ago while the helium tanks were pressurizing up the motor for orbital insertion burn. However, I didn't think that hydrazine and nitrogen-tetroxide exploded that easily. I thought they merely ignited if mixed outside a combustion chamber. So, I guess we wait, and hope.

Rick T.
W7RT

>
> "Rob Janssen" <nomail@rob.knoware.nl> wrote in message
> news:slrn93kk2t.rkh.nomail@linux.pe1chl.ampr.org...
> > Jeff Kelly <jkelly@bellatlantic.net> wrote:
> > >What is the current thinking - the engine exploded?
> >
> > I think it is not that dramatic. I looked at the telemetry as it was last
> > transmitted, and it can be seen that someone was commanding the spacecraft
> > in the last 10 minutes. A few commands were successfully executed
> > (returning a page of result data), and then a command returned an error
> > message "Invalid Name".
> >
> > Shortly afterwards, the satellite sends pages with a repeated pattern of
> > data that is not normally observed.
> >
> > My speculation is that something went wrong with a command. My
> > understanding is that commands really are program fragments in IPS,
> > a German programming language strongly resembling the Forth language.
> > This is a stack-oriented language.
> > Sometimes pages with program fragments are sent down, the last one seen
> > was:
> > .5050 #DE32 #70A2 PN31F 3 !FK : WAIT10 10 SEK0 ANFANG SU0 @B
> > ENDE? ; 1 VAR BLOX : MANY_ARMS PWR-ON WAIT10 0 EPOS #200 LuERZ
> > 0 480 JE PM31F $EBU I + 6 >>> 32 +NUN 0 BLOX 1 - JE TZ-WARTEN

> > ETRANSMIT NUN WAIT10 PWR-OFF ;
> >
> > Maybe something went wrong executing such a program fragment, and a stack
> > overflow or other problem overwriting the memory resulted. This may have
> > left the IHU in a state where it still does trigger the short-term
> > watchdog (assuming that does exist), but is not longer operable for
> > sending telemetry or obeying commands.
> >
> > Therefore the command station has to wait until a longer term watchdog
> > fires, which happens when no valid command has been received for a couple
> > of days. That should get the IHU to be reset and listening again.
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> > When it really was an explosion or other drastic event, I would have
> > expected a more sudden end of the transmissions than observed in the
> > telemetry.
> >
> > But of course, we don't really know for sure until it comes back on the
> > air!
> >
> > Rob
> > --
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> > | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
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> > +---------------------------------+--------------------------------------+

3368. Re: [amsat-bb] Possible AO-40 Beacons!

Newsgroup: rec.radio.amateur.space
Date: 2000-12-16 17:43:21 UTC
From: David Bate <davebate@home.com>
Message-ID: <ZQN_5.133037$3u1.35522497@news3.rdc1.on.home.com>
Source record: 7352

I am picking up a signal on 145.895 using WBFM..... at 1232 EST.. I don't receive the signal when using NBFM...

David Bate | http://members.home.net/davebate
Bowmanville, ON, CANADA | http://www.geocities.com/scannerdesk
ICQ 9344489 | http://acars-ontario.fly.to
NYSING Member 191 | http://www.egroups.com/group/scannerdesk

Network Analyst dbate@rci.rogers.com
Rogers Communications Inc.

PRO-2004 PRO-37 BC895XLT DX-440 Discone LongWire
----- Original Message -----
From: <K5OE@aol.com>
To: <amsat-bb@AMSAT.Org>
Sent: Saturday, December 16, 2000 12:00
Subject: Re: [amsat-bb] Possible AO-40 Beacons!

na9d@mindspring.com writes:
> I have monitored the following signals that roughly correspond to our baby's
> beacon frequencies this morning. The time is right now, 14:48 UTC.
> My antennas are approximately 160 degrees azimuth, 45 degrees elevation in
> Chicago, IL.

Here at 1625 utc, EL29ds, Houston, Texas, 175 deg az, 57 deg el, 52333 km.

> Here is what I hear:
> 145.883 - Solid carrier. Disappears when I move the antenna or switch
> polarization.

Confirmed, about S1 here. I only note about 6 dB difference in polarity switch.

> 435.517.6 - Solid carrier. Stronger than the 2m signal (but I have a preamp
> on the mast).

Confirmed, but weaker than the 2 m signal here--about 3 dB above the noise.

> 435.609.5 - Modulated carrier. Sounds like PSK somewhat to me. Has the
> same characteristics in terms of antenna movement of the above 2.

Confirmed at 436.613. Dissapears on polarity switch.

> 435.862 - Solid carrier. Also same as above with the pointing.

Not heard here.

> This could be our baby!!!

I hope you are right. I'll check into the IRC and see what the latest rumor
is :-)
73,
Jerry, K5OE

Via the amsat-bb mailing list at AMSAT.ORG courtesy of AMSAT-NA.
To unsubscribe, send "unsubscribe amsat-bb" to Majordomo@amsat.org

3369. Re: [amsat-bb] Possible AO-40 Beacons!

Newsgroup: rec.radio.amateur.space
Date: 2000-12-16 18:20:59 UTC
From: David Reinhart <wa6ilt@bellatlantic.net>
Message-ID: <3A3BB28B.DD673C09@bellatlantic.net>
Source record: 7353

On 16 December at 1817Z I'm hearing an unmodulated carrier zero beat at 145.897.2. It has been Dopplering down since I started monitoring it at 1628. Initial frequency was 145.897.5.

I can't get a really good null on it with my antenna. The Cushcraft has too sloppy a pattern. If I don't hear any activity (i.e., the beacon telemetry coming back on) I'll monitor it around the predicted LOS time for AO-40 to see if it goes away.

David Bate wrote:

> I am picking up a signal on 145.895 using WBFM..... at 1232 EST.. I don't
> receive the signal when using NBFM...
>
> David Bate | http://members.home.net/davebate
> Bowmanville, ON, CANADA | http://www.geocities.com/scannerdesk
> ICQ 9344489 | http://acars-ontario.fly.to
> NYSING Member 191 | http://www.egroups.com/group/scannerdesk
> ----------
> Network Analyst dbate@rci.rogers.com
> Rogers Communications Inc.
> ----------
> PRO-2004 PRO-37 BC895XLT DX-440 Discone LongWire
> ----- Original Message -----
> From: <K5OE@aol.com>
> To: <amsat-bb@AMSAT.Org>
> Sent: Saturday, December 16, 2000 12:00
> Subject: Re: [amsat-bb] Possible AO-40 Beacons!
>
> na9d@mindspring.com writes:
> > I have monitored the following signals that roughly correspond to our
> baby's
> > beacon frequencies this morning. The time is right now, 14:48 UTC.
> > My antennas are approximately 160 degrees azimuth, 45 degrees elevation
> in
> > Chicago, IL.
>
> Here at 1625 utc, EL29ds, Houston, Texas, 175 deg az, 57 deg el, 52333 km.
>
> > Here is what I hear:
> > 145.883 - Solid carrier. Disappears when I move the antenna or switch
> > polarization.
>
> Confirmed, about S1 here. I only note about 6 dB difference in polarity
> switch.

>
> > 435.517.6 - Solid carrier. Stronger than the 2m signal (but I have a
> preamp
> > on the mast).
>
> Confirmed, but weaker than the 2 m signal here--about 3 dB above the noise.
>
> > 435.609.5 - Modulated carrier. Sounds like PSK somewhat to me. Has the
> > same characteristics in terms of antenna movement of the above 2.
>
> Confirmed at 436.613. Dissapears on polarity switch.
>
> > 435.862 - Solid carrier. Also same as above with the pointing.
>
> Not heard here.
>
> > This could be our baby!!!
>
> I hope you are right. I'll check into the IRC and see what the latest rumor
> is :-)
> 73,
> Jerry, K5OE
>
> ----
> Via the amsat-bb mailing list at AMSAT.ORG courtesy of AMSAT-NA.
> To unsubscribe, send "unsubscribe amsat-bb" to Majordomo@amsat.org
> ----
> Via the amsat-bb mailing list at AMSAT.ORG courtesy of AMSAT-NA.
> To unsubscribe, send "unsubscribe amsat-bb" to Majordomo@amsat.org

3370. Re: [amsat-bb] Possible AO-40 Beacons!

Newsgroup: rec.radio.amateur.space
Date: 2000-12-16 18:25:39 UTC
From: David Bate <davebate@home.com>
Message-ID: <DsO_5.133075$3u1.35586064@news3.rdc1.on.home.com>
Source record: 7354

I heard it again at 1308 EST...

--
David Bate | http://members.home.net/davebate
Bowmanville, ON, CANADA | http://www.geocities.com/scannerdesk
ICQ 9344489 | http://acars-ontario.fly.to
NYSING Member 191 | http://www.egroups.com/group/scannerdesk

Network Analyst dbate@rci.rogers.com
Rogers Communications Inc.

PRO-2004 PRO-37 BC895XLT DX-440 Discone LongWire
"David Reinhart" <wa6ilt@bellatlantic.net> wrote in message
news:3A3BB28B.DD673C09@bellatlantic.net...
> On 16 December at 1817Z I'm hearing an unmodulated carrier zero beat at
> 145.897.2. It has been Dopplering down since I started monitoring it at
1628.
> Initial frequency was 145.897.5.
>
> I can't get a really good null on it with my antenna. The Cushcraft has
too
> sloppy a pattern. If I don't hear any activity (i.e., the beacon
telemetry
> coming back on) I'll monitor it around the predicted LOS time for AO-40 to
see
> if it goes away.
>
>
> David Bate wrote:
>
> > I am picking up a signal on 145.895 using WBFM..... at 1232 EST.. I
don't
> > receive the signal when using NBFM...
> >
> > David Bate | http://members.home.net/davebate
> > Bowmanville, ON, CANADA | http://www.geocities.com/scannerdesk
> > ICQ 9344489 | http://acars-ontario.fly.to
> > NYSING Member 191 | http://www.egroups.com/group/scannerdesk
> > ---
> > Network Analyst dbate@rci.rogers.com
> > Rogers Communications Inc.
> > ---
> > PRO-2004 PRO-37 BC895XLT DX-440 Discone LongWire
> > ----- Original Message -----

> > From: <K5OE@aol.com>
> > To: <amsat-bb@AMSAT.Org>
> > Sent: Saturday, December 16, 2000 12:00
> > Subject: Re: [amsat-bb] Possible AO-40 Beacons!
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> > na9d@mindspring.com writes:
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elevation
> > in
> > > Chicago, IL.
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> > Here at 1625 utc, EL29ds, Houston, Texas, 175 deg az, 57 deg el, 52333
km.
> >
> > > Here is what I hear:
> > > 145.883 - Solid carrier. Disappears when I move the antenna or
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> > > polarization.
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> > Confirmed, about S1 here. I only note about 6 dB difference in polarity
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> > I hope you are right. I'll check into the IRC and see what the latest
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> > is :-)
> > 73,
> > Jerry, K5OE
> >

> > ----
> > Via the amsat-bb mailing list at AMSAT.ORG courtesy of AMSAT-NA.
> > To unsubscribe, send "unsubscribe amsat-bb" to Majordomo@amsat.org
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> > To unsubscribe, send "unsubscribe amsat-bb" to Majordomo@amsat.org
>

3371. I can't confirm the 70cm observations

Newsgroup: rec.radio.amateur.space
Date: 2000-12-16 19:03:30 UTC
From: David Reinhart <wa6ilt@bellatlantic.net>
Message-ID: <3A3BBC83.EC5FF61@bellatlantic.net>
Source record: 7355

Nothing at all on 70cm. Should there be? After all the command team couldn't copy the 70cm beacon after launch which is why they switched it to 2m.

I'm still getting that carrier with Doppler shift, now zero-beat at 145.897.1. The rate of change is slowing which makes sense since the bird would now be getting close to apogee. This is at 19:01Z in FN42dm.

David Reinhart wrote:

> On 16 December at 1817Z I'm hearing an unmodulated carrier zero beat at
> 145.897.2. It has been Dopplering down since I started monitoring it at 1628.
> Initial frequency was 145.897.5.
>
> I can't get a really good null on it with my antenna. The Cushcraft has too
> sloppy a pattern. If I don't hear any activity (i.e., the beacon telemetry
> coming back on) I'll monitor it around the predicted LOS time for AO-40 to see
> if it goes away.
>
> David Bate wrote:
>
> > I am picking up a signal on 145.895 using WBFM..... at 1232 EST.. I don't
> > receive the signal when using NBFM...
> >
> > David Bate | http://members.home.net/davebate
> > Bowmanville, ON, CANADA | http://www.geocities.com/scannerdesk
> > ICQ 9344489 | http://acars-ontario.fly.to
> > NYSING Member 191 | http://www.egroups.com/group/scannerdesk
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> > Network Analyst dbate@rci.rogers.com
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> > ----------
> > PRO-2004 PRO-37 BC895XLT DX-440 Discone LongWire
> > ----- Original Message -----
> > From: <K5OE@aol.com>
> > To: <amsat-bb@AMSAT.Org>
> > Sent: Saturday, December 16, 2000 12:00
> > Subject: Re: [amsat-bb] Possible AO-40 Beacons!
> >
> > na9d@mindspring.com writes:
> > > I have monitored the following signals that roughly correspond to our
> > baby's
> > > beacon frequencies this morning. The time is right now, 14:48 UTC.
> > > My antennas are approximately 160 degrees azimuth, 45 degrees elevation
> > in
> > > Chicago, IL.

> >
> > Here at 1625 utc, EL29ds, Houston, Texas, 175 deg az, 57 deg el, 52333 km.
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> > > Here is what I hear:
> > > 145.883 - Solid carrier. Disappears when I move the antenna or switch
> > > polarization.
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> > Confirmed, about S1 here. I only note about 6 dB difference in polarity
> > switch.
> >
> > > 435.517.6 - Solid carrier. Stronger than the 2m signal (but I have a
> > preamp
> > > on the mast).
> >
> > Confirmed, but weaker than the 2 m signal here--about 3 dB above the noise.
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> > > 435.609.5 - Modulated carrier. Sounds like PSK somewhat to me. Has the
> > > same characteristics in terms of antenna movement of the above 2.
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> > is :-)
> > 73,
> > Jerry, K5OE
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> > Via the amsat-bb mailing list at AMSAT.ORG courtesy of AMSAT-NA.
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> > ----
> > Via the amsat-bb mailing list at AMSAT.ORG courtesy of AMSAT-NA.
> > To unsubscribe, send "unsubscribe amsat-bb" to Majordomo@amsat.org

3372. voix

Newsgroup: rec.radio.amateur.space
Date: 2000-12-16 19:31:09 UTC
From: f9tl <f9tl@radio-neptune.com>
Message-ID: <91gfuugbv1@wanadoo.fr>
Source record: 7356

Jeanne d'Arc est de retour.

f9tl

3373. Re: Is the ISS still using 143.6250

Newsgroup: rec.radio.amateur.space
Date: 2000-12-16 19:41:43 UTC
From: colin <colin.knight@softhome.net>
Message-ID: <91gghmbka1@nnrp1.deja.com>
Source record: 7357

In article <3A3AFF9C.5203D8F@att.com>, Pervert_Extraordinaire <valued_customer1@att.com> wrote: > colin wrote: > > Come January when I believe S band comes alive we'll have to see if vhf > > continues to be used. I suspect we'll hear occassional traffic to Moscow - > > but not much. As for your side of the pond who knows? Anyway happy > > listening while it lasts! Colin > > Thanks Colin, > > BTW, whats the S-Band? > S-Band is what the shuttle uses to transmit voice and telemetry to earth via the TDRS tracking system. It's up in 2000-2500mhz band (I can't rememder exact freqs. but if you search around the shuttle web you'll find them.) There is an S-Band antenna in the Z1 truss on ISS and that's what they'll start transmitting through come January - I believe they have already done some tests with it which worked out fine. So maybe this form of comms. will take over in the main from vhf - I can't receive freqs. in the S-Band - in fact I don't think anybody can because they are digital and more or less encrypted. You'll have to rely on NASA tv I expect for all your comms. if it does take over completeley - we don't get that over here. Hope this helps. Colin

Sent via Deja.com
http://www.deja.com/

3374. Re: voix

Newsgroup: rec.radio.amateur.space
Date: 2000-12-16 19:58:34 UTC
From: JPMallet <jean-pierre.mallet1@libertysurf.fr>
Message-ID: <91ghn9$1khm$1@news4.isdnet.net>
Source record: 7358

Et en plus il y a un gugusse qui s'amuse retransmettre la t l m trie
d'AO-40 sur AO-10.... Navrant..
F5MI

f9tl <f9tl@radio-neptune.com> a crit dans le message :
91gfuugbv1@wanadoo.fr...
> Jeanne d'Arc est de retour.
>
> f9tl
>
>

3375. Re: AO-40 "Death" status

Newsgroup: rec.radio.amateur.space
Date: 2000-12-16 20:01:29 UTC
From: "Greg D." <gregd@jps.net>
Message-ID: <3A3BCA19.10B7F746@jps.net>
Source record: 7359

Ok, so what am I hearing right now (12/14/00 20:00 UTC)? I'm aimed
due south from CM98kx at the horizon. At 145.900 there's what looks
like an unmodulated PSK signal, but the frequency spread seems
a bit too wide (wider than the two lines on the IZ8BLY decoder).
Also AO-40 should be up at around 45 degrees elevation, by the
orbit 52 keps.

Could be terrestrial, I suppose...

Greg.

Joe Leikhim wrote:
>
> There have been some encouraging reports of a weak signal on about the correct
> frequency at about the correct place in orbit. I will put money on AO-40 being
> located in the next couple of days and a recovery shortly thereafter. The guys
> running the program are in fact "rocket scientists"!
>
> I think we all need to stop panicking and do something positive like listening
> out for the signal and writing some checks to AMSAT to get the accounts in the
> black.
>
> jimmy john wrote:
>
> > The report about telemetry stopping - does this imply that all repeater
> > function is also dead?
> >
> > Not knowing how the thing was put together, I'd assume that from what has
> > been reported so far, there is reason to hope that if Saturday proves
> > fruitless, that the other bands/modes may work . Unless there is a single
> > control/telemetry system that may make it impossible to active the others???
> >
> > Anyone with more insight?
>
> --
> Joe Leikhim K4SAT
> Jleikhim@nettally.com
>
> "tv dinner by the pool,
> i'm so glad i finished school" -F.Zappa 1967
>
> "The Revolution will NOT be televised" -Gil Scott Heron
>
> "Whats he building in there?"- Tom Waits
>

> WARNING TO UNSOLICITED SPAMMERS!!!
>
> Pursuant to U.S. Code, title 47, Chapter 5, Subchapter II,
> "Any and all non-solicited commercial E-mail (SPAM) sent to
> this address is subject to a download and archival fee of
> $500.00 U.S."! E-mailing denotes acceptance of these terms.

3376. 145.897 signal now Dopplering up

Newsgroup: rec.radio.amateur.space
Date: 2000-12-16 20:16:00 UTC
From: David Reinhart <wa6ilt@bellatlantic.net>
Message-ID: <3A3BCD78.46AE505B@bellatlantic.net>
Source record: 7360

This signal went as low as 145.897.1 and started Dopplering up. It's now
zero-beat back at 145897.2. The change was first noticed about 1805Z in FN42dm.

That behavior doesn't make much sense to me if what I'm hearing is AO-40. The
should still be about 20,000km from apogee.

David Reinhart wrote:

> On 16 December at 1817Z I'm hearing an unmodulated carrier zero beat at
> 145.897.2. It has been Dopplering down since I started monitoring it at 1628.
> Initial frequency was 145.897.5.
>
> I can't get a really good null on it with my antenna. The Cushcraft has too
> sloppy a pattern. If I don't hear any activity (i.e., the beacon telemetry
> coming back on) I'll monitor it around the predicted LOS time for AO-40 to see
> if it goes away.
>
> David Bate wrote:
>
> > I am picking up a signal on 145.895 using WBFM..... at 1232 EST.. I don't
> > receive the signal when using NBFM...
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> > David Bate | http://members.home.net/davebate
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> > ----------
> > Network Analyst dbate@rci.rogers.com
> > Rogers Communications Inc.
> > ----------
> > PRO-2004 PRO-37 BC895XLT DX-440 Discone LongWire
> > ----- Original Message -----
> > From: <K5OE@aol.com>
> > To: <amsat-bb@AMSAT.Org>
> > Sent: Saturday, December 16, 2000 12:00
> > Subject: Re: [amsat-bb] Possible AO-40 Beacons!
> >
> > na9d@mindspring.com writes:
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> > > beacon frequencies this morning. The time is right now, 14:48 UTC.
> > > My antennas are approximately 160 degrees azimuth, 45 degrees elevation
> > in
> > > Chicago, IL.
> >

> > Here at 1625 utc, EL29ds, Houston, Texas, 175 deg az, 57 deg el, 52333 km.
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> > > Here is what I hear:
> > > 145.883 - Solid carrier. Disappears when I move the antenna or switch
> > > polarization.
> >
> > Confirmed, about S1 here. I only note about 6 dB difference in polarity
> > switch.
> >
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> > > 435.609.5 - Modulated carrier. Sounds like PSK somewhat to me. Has the
> > > same characteristics in terms of antenna movement of the above 2.
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> > 73,
> > Jerry, K5OE
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> > ----
> > Via the amsat-bb mailing list at AMSAT.ORG courtesy of AMSAT-NA.
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3377. offsubject,help? thanks. cl.

Newsgroup: rec.radio.amateur.space
Date: 2000-12-16 20:34:52 UTC
From: kc5cqa <kc5cqa@devtex.net>
Message-ID: <fekn3t41kc2hp73ii4o7t4m3vgc24ttpvh@4ax.com>
Source record: 7361

I am looking for a newsgroups (one with an audiences) where I can ask some questions, (maybe dumb to some) about hard drives, inside the tower and those outside, and installations, and connections inside and outside. See, I told U some question would sound dumb. thanks in advance. Callie Lorentson kc5dyz "73"

3378. AO-40

Newsgroup: rec.radio.amateur.space
Date: 2000-12-16 21:07:57 UTC
From: Bill Erhardt <erhardt@mt.net>
Message-ID: <ZQQ_5.684$SKV4.125763853@news.randori.com>
Source record: 7362

Howdy from Bill K7MT Helena, Montana - I am hearing a doppler shifted signal on 435.606 to 435.605 sounding like HDU-1 and also a doppler shifted signal on 435.846 which is the Engineering Beacon (EB) for AO-40 can anyone help me confirm this signal..

Bill K7MT

3379. Re: Is the ISS still using 143.6250

Newsgroup: rec.radio.amateur.space
Date: 2000-12-16 21:25:53 UTC
From: Pervert_Extraordinaire <valued_customer1@att.com>
Message-ID: <3A3C0810.3C1BF9FE@att.com>
Source record: 7363

colin wrote:
<S_Band use impending>
> So maybe this form of comms. will take
> over in the main from vhf - I can't receive freqs. in the S-Band - in fact I
> don't think anybody can because they are digital and more or less encrypted.
> You'll have to rely on NASA tv I expect for all your comms. if it does take
> over completeley - we don't get that over here. Hope this helps. Colin

This will be sad. I've just gotten into this space-scanner stuff and
was really starting to enjoy listening to the Russians....

Thanks again.

3380. AO-40: Nothing heard

Newsgroup: rec.radio.amateur.space
Date: 2000-12-16 21:41:31 UTC
From: kg9qm@nomail.net
Message-ID: <fkR_5.213$75.166538@news1.iquest.net>
Source record: 7364

Of course, I'm no longer sure when to listen, but 1900-2130 UTC nothing heard in EM69wq. According to my keps, it should be in range.

don

3381. AO-40???

Newsgroup: rec.radio.amateur.space
Date: 2000-12-16 21:52:18 UTC
From: trg150@aol.com
Message-ID: <20001216165218.03969.00004697@ng-ct1.aol.com>
Source record: 7365

At this time is the satellite competely dead??? no communication with it at all???

3382. Re: Do not subscribe to Ameritech DSL

Newsgroup: rec.radio.amateur.space
Date: 2000-12-16 22:08:14 UTC
From: Rob Kling <rkling@home.com>
Message-ID: <iJR_5.150926$hD4.38140283@news1.rdc1.mi.home.com>
Source record: 7366

!!!CLASS ACTION!!!

If you pay them, they have to provide a minimum set of services. They probably use some sort of user agreement to put you off but those may not stand up if they are really that bad. Talk with some other people that have the service and if they concur then get a lawyer. If it is just you then complain loudly and often.

Rob Kling

"Christopher Cox" <cobox@urec.net> wrote in message news:01c05982$94f0bf40$78c8a8c0@CBX-NT...
> A word of warning,
>
> Do not subscribe to Ameritech DSL. If you already have, your service will
> not get better, for even I held out hope.
>
> The amount of actual service provided to our site was 3 weeks of uptime
> over a period of 3 months. 75% Down time, and they will not refund our
> moneys.
>
> Their service agents at the call centers where absolutely no help, and knew
> very little about IP. The service tech's that would come out on site really
> where not to bad.
>
> There was the Twit who downed our SPAD in the CO for 4 days for maintenance
> without telling anyone however.
>
> After a couple weeks of finally being up, they changed out static IP,
> oblivious to the meaning of the word STATIC.
>
> Sorry for the rant, I hope it helps someone out there.
>
> Christopher Cox
>

3383. Re: AO-40 "Death" status

Newsgroup: rec.radio.amateur.space
Date: 2000-12-16 23:51:36 UTC
From: jw@london.news.uk
Message-ID: <uhIPjhik@london.news.uk>
Source record: 7367
Cross-posted to: rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy

If Phase 3d doesn't work, can we get our money back?

G0NAD

In article <3A3BCA19.10B7F746@jps.net>, "Greg D." <gregd@jps.net> wrote:
>Ok, so what am I hearing right now (12/14/00 20:00 UTC)? I'm aimed
>due south from CM98kx at the horizon. At 145.900 there's what looks
>like an unmodulated PSK signal, but the frequency spread seems
>a bit too wide (wider than the two lines on the IZ8BLY decoder).
>Also AO-40 should be up at around 45 degrees elevation, by the
>orbit 52 keps.
>
>Could be terrestrial, I suppose...
>
>Greg.
>
>
>Joe Leikhim wrote:
>>
>> There have been some encouraging reports of a weak signal on about the
> correct
>> frequency at about the correct place in orbit. I will put money on AO-40
> being
>> located in the next couple of days and a recovery shortly thereafter. The
> guys
>> running the program are in fact "rocket scientists"!
>>
>> I think we all need to stop panicking and do something positive like
> listening
>> out for the signal and writing some checks to AMSAT to get the accounts in
> the
>> black.
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>> jimmy john wrote:
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>> > The report about telemetry stopping - does this imply that all repeater
>> > function is also dead?
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>> > Not knowing how the thing was put together, I'd assume that from what has
>> > been reported so far, there is reason to hope that if Saturday proves
>> > fruitless, that the other bands/modes may work . Unless there is a single
>> > control/telemetry system that may make it impossible to active the
> others???
>> >

>> > Anyone with more insight?
>>
>> --
>> Joe Leikhim K4SAT
>> Jleikhim@nettally.com
>>
>> "tv dinner by the pool,
>> i'm so glad i finished school" -F.Zappa 1967
>>
>> "The Revolution will NOT be televised" -Gil Scott Heron
>>
>> "Whats he building in there?"- Tom Waits
>>
>> WARNING TO UNSOLICITED SPAMMERS!!!
>>
>> Pursuant to U.S. Code, title 47, Chapter 5, Subchapter II,
>> "Any and all non-solicited commercial E-mail (SPAM) sent to
>> this address is subject to a download and archival fee of
>> $500.00 U.S."! E-mailing denotes acceptance of these terms.

3384. Re: Is the ISS still using 143.6250

Newsgroup: rec.radio.amateur.space
Date: 2000-12-17 02:43:30 UTC
From: "Jim Shaffer, Jr." <jshaffer@mail.csrlink.net>
Message-ID: <gh7o3torjoirft4ufap3alkniqfmartr8n@4ax.com>
Source record: 7368

On Sat, 16 Dec 2000 21:25:53 GMT, Pervert_Extraordinaire
<valued_customer1@att.com> wrote:

>This will be sad. I've just gotten into this space-scanner stuff and
>was really starting to enjoy listening to the Russians....

Just because they're going to be going to S-band for mission communications
doesn't mean that they're going to stop ham activity. In fact, sometime next
year they're supposed to set up an SSTV station, so you'll be able to hook up
your scanner output to your sound card and receive pictures.

--
Earth for Earthlings!

3385. Re: Is the ISS still using 143.6250

Newsgroup: rec.radio.amateur.space
Date: 2000-12-17 03:32:29 UTC
From: Pervert_Extraordinaire <valued_customer1@att.com>
Message-ID: <3A3C5DFC.445CA772@att.com>
Source record: 7369

"Jim Shaffer, Jr." wrote:
>
> On Sat, 16 Dec 2000 21:25:53 GMT, Pervert_Extraordinaire
> <valued_customer1@att.com> wrote:
>
> >This will be sad. I've just gotten into this space-scanner stuff and
> >was really starting to enjoy listening to the Russians....
>
> Just because they're going to be going to S-band for mission communications
> doesn't mean that they're going to stop ham activity. In fact, sometime next
> year they're supposed to set up an SSTV station, so you'll be able to hook up
> your scanner output to your sound card and receive pictures.

WOW!, similar to receiveing ATP weather satellite pictures?

3386. Re: AO-40 Software telemetry decoder

Newsgroup: rec.radio.amateur.space
Date: 2000-12-17 05:27:05 UTC
From: Jim Jerzycke <kq6ea@amsat.org>
Message-ID: <3A3C4EA9.A6574AC0@amsat.org>
Source record: 7370

Hi, Rob.
Well, at least you got it running. After adding libraries, and playing
with the options in the makefile, I still get an error that it can't
link "lib.xml".
Back to learning about linking again!
73, Jim

3387. ISS

Newsgroup: rec.radio.amateur.space
Date: 2000-12-17 06:54:33 UTC
From: meteu <meteu@bwi.net>
Message-ID: <91hpsj$321$1@news.bewellnet.com>
Source record: 7371

I have yet to hear the ISS. I have been told they have been on ao-27 and was wondering if anyone else has heard them?

Part of the problem is I may have messed up my conversion from UTC to local time. ARRL said that their work day starts at 0800UTC which I figured is 1am Denver time, they have lunch at 1200UTC (5am local time) and end of the day at 1900UTC (noon local time). did I get iy right?

if so, I have yet to see any passes in my area during that time. The passes here are all in the late afternoon and evening. that is after they are, i assume, in bed.

am i on the mark or waaay off base?

thanks,
Carl

3388. Re: ISS

Newsgroup: rec.radio.amateur.space
Date: 2000-12-17 07:23:01 UTC
From: hamish@cloud.net.au
Message-ID: <pRZ_5.17572$Xx3.76457@news1.eburwd1.vic.optushome.com.au>
Source record: 7372

meteu <meteu@bwi.net> wrote:
> Part of the problem is I may have messed up my conversion from UTC to local
> time. ARRL said that their work day starts at 0800UTC which I figured is
> 1am Denver time, they have lunch at 1200UTC (5am local time) and end of the
> day at 1900UTC (noon local time). did I get iy right?

Hmm no I don't think so. As best I can determine, the ARRL's time zone
is -0500, which means they are 5 hours behind UTC, and you are in
-0700, which means you are 7 hours behind UTC. So they are 2 hours
ahead of you.

If the ARRL start at 0800Z, that's 3am local (unlikely). More likely
it is 8am local, or 1300Z, or 6am your time.

Hamish (+1100 here)
--
Hamish Moffatt VK3SB <hamish@debian.org> <hamish@cloud.net.au>

3389. Re: AO-40 Software telemetry decoder

Newsgroup: rec.radio.amateur.space
Date: 2000-12-17 08:56:28 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn93ovtr.dvp.nomail@linux.pe1chl.ampr.org>
Source record: 7373

Jim Jerzycke <kq6ea@amsat.org> wrote:
>Hi, Rob.
>Well, at least you got it running. After adding libraries, and playing
>with the options in the makefile, I still get an error that it can't
>link "lib.xml".
>Back to learning about linking again!

I fixed that by installing two "XML libraries" packages from my SuSE CDs.
They are:

libxml-1.7.3-3
libxmld-1.7.3-3

Rob
--
+---------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+---------------------------------+--------------------------------------+

3390. Re: AO-40 re-boot

Newsgroup: rec.radio.amateur.space
Date: 2000-12-17 13:22:08 UTC
From: N1RZ <n1rz@timhavens.com>
Message-ID: <U93%5.28771$n51.546777@e420r-atl1.usenetserver.com>
Source record: 7374

'Apparently' there is no exact time of the reboot. From what I've been hearing there is some sort of watchdog, that no one will fess up to when it should kick in.

Information is very sketchy at best.

Rely on official sources only....since is plenty of false info, and false reporting going on.

From what I gather, when this 'reboot' does occur it will go through the same scenario as when it was launched, meaning it will begin to broadcast on the UHF system, which (if you remember) wasn't working properly. So.....the command teams need to get it switched over to VHF on it's beacon manual. From what I've been able to descern from folks like KB0G (I think) and W3IWI, and G3WRL there is no automatic switching of the beacon. Everything is manual with regard to band switching, even if there is high SWR. (DOH!).

So....if folks are trying to hear it they should be listening on UHF. The best I can get form folks on the IRC chat is that it's supposed to come up on the 436.450Mhz Beacon after a reboot. But I've heard reports that people hear it on 436.609 Mhz. Which I highly suspect is NOT AO40.

I'm no perfect source of information. Just sharing what I've been able to get form some sources I trust.

Sure wish AMSAT would find a way to provide us with an FAQ on this sort of stuff....relying on rumor to track a wayward sat. seems kinda lame.

Tim
"3.14159265358979323846264338327 95" <rfspace@yahoo.com> wrote in message news:VLL_5.33858$_y5.7338307@typhoon.southeast.rr.com...
> Hi guys,
>
> Does anyone know what the exact center frequency of the telemetry was? Is
> this where the weak carrier is being heard. I have read reports of a weak
> carrier, but can anyone confirm this. It should not be hard with
directional
> antennas. I am looking at a spectrograph right now and all I see are
> carriers that donot seem to be changing with doppler. I'll keep looking.
> Does anyone know the exact GMT of the reboot?
>
> Pieter N4IP
>
>
>

>

3391. NMHT 's for 23 and or 13 cm

Newsgroup: rec.radio.amateur.space
Date: 2000-12-17 14:07:22 UTC
From: rheticus <ed@doofpot.nl>
Message-ID: <NG3%5.37188$fy2.2393292@news.soneraplaza.nl>
Source record: 7375

While surfing the net, my eye was caught by
the drake 2880 story, but that is not available
(easy) now a days.

Now for my question :

In the netherlands there is a very vivid community
of ATV hams.
They use quite some stuff (fi chapparal) to convert
signals from 23 and 13 cm to get their pictures in.

This is quite broad. We as space-people are not
that wide banded, but I see not much information
on the usage of these converters for sat-purposes.

I don't mind building converters, but if there are
converters for just a few dollars (ex. Fl 165 / $ 70)
to convert 13 cm to somewhere usefull (2 or 70)
for receiving purposes, one is half way a full trx
combination for the leo's and other sats ....

?
Anyone has more idea's or information or are we
on the edge of some low-cost conversion projects
here :)
?

73's de PE5ED
eagerly awaiting the revival of AO-40 or just
in preparation of Phase IV A :-)

3392. Re: AO-40 "Death" status

Newsgroup: rec.radio.amateur.space
Date: 2000-12-17 14:07:45 UTC
From: Brian <brianburke@my-deja.com>
Message-ID: <91ihbg$o16$1@nnrp1.deja.com>
Source record: 7377
Cross-posted to: rec.radio.amateur.space,rec.radio.amateur.misc,rec.radio.amateur.policy

In article <uhIPjhik@london.news.uk>,
jw@london.news.uk (Jon Wilshire) wrote:
> If Phase 3d doesn't work, can we get our money back?
>
> G0NAD

If you paid with your VISA card, satisfaction is guaranteed.

Sent via Deja.com
http://www.deja.com/

3393. Re: 145.897 signal now Dopplering up

Newsgroup: rec.radio.amateur.space
Date: 2000-12-17 14:15:34 UTC
From: David Reinhart <wa6ilt@bellatlantic.net>
Message-ID: <3A3CCA8E.87F6BBB6@bellatlantic.net>
Source record: 7376

Whatever the signal described below is, I doubt seriously it's AO-40. It continued well beyond the predicted LOS of AO-40 for my QTH (FN42dm). The orbit would have to be so radically different that I doubt I'd be pointing in the right direction.

David Reinhart wrote:

> This signal went as low as 145.897.1 and started Dopplering up. It's now
> zero-beat back at 145897.2. The change was first noticed about 1805Z in FN42dm.
>
> That behavior doesn't make much sense to me if what I'm hearing is AO-40. The
> should still be about 20,000km from apogee.
>
> David Reinhart wrote:
>
> > On 16 December at 1817Z I'm hearing an unmodulated carrier zero beat at
> > 145.897.2. It has been Dopplering down since I started monitoring it at 1628.
> > Initial frequency was 145.897.5.
> >
> > I can't get a really good null on it with my antenna. The Cushcraft has too
> > sloppy a pattern. If I don't hear any activity (i.e., the beacon telemetry
> > coming back on) I'll monitor it around the predicted LOS time for AO-40 to see
> > if it goes away.
> >
> > David Bate wrote:
> >
> > > I am picking up a signal on 145.895 using WBFM..... at 1232 EST.. I don't
> > > receive the signal when using NBFM...
> > >
> > > David Bate | http://members.home.net/davebate
> > > Bowmanville, ON, CANADA | http://www.geocities.com/scannerdesk
> > > ICQ 9344489 | http://acars-ontario.fly.to
> > > NYSING Member 191 | http://www.egroups.com/group/scannerdesk
> > > ----------
> > > Network Analyst dbate@rci.rogers.com
> > > Rogers Communications Inc.
> > > ----------
> > > PRO-2004 PRO-37 BC895XLT DX-440 Discone LongWire
> > > ----- Original Message -----
> > > From: <K5OE@aol.com>
> > > To: <amsat-bb@AMSAT.Org>
> > > Sent: Saturday, December 16, 2000 12:00
> > > Subject: Re: [amsat-bb] Possible AO-40 Beacons!
> > >
> > > na9d@mindspring.com writes:
> > > > I have monitored the following signals that roughly correspond to our

> > > baby's
> > > > beacon frequencies this morning. The time is right now, 14:48 UTC.
> > > > My antennas are approximately 160 degrees azimuth, 45 degrees elevation
> > > in
> > > > Chicago, IL.
> > >
> > > Here at 1625 utc, EL29ds, Houston, Texas, 175 deg az, 57 deg el, 52333 km.
> > >
> > > > Here is what I hear:
> > > > 145.883 - Solid carrier. Disappears when I move the antenna or switch
> > > > polarization.
> > >
> > > Confirmed, about S1 here. I only note about 6 dB difference in polarity
> > > switch.
> > >
> > > > 435.517.6 - Solid carrier. Stronger than the 2m signal (but I have a
> > > preamp
> > > > on the mast).
> > >
> > > Confirmed, but weaker than the 2 m signal here--about 3 dB above the noise.
> > >
> > > > 435.609.5 - Modulated carrier. Sounds like PSK somewhat to me. Has the
> > > > same characteristics in terms of antenna movement of the above 2.
> > >
> > > Confirmed at 436.613. Dissapears on polarity switch.
> > >
> > > > 435.862 - Solid carrier. Also same as above with the pointing.
> > >
> > > Not heard here.
> > >
> > > > This could be our baby!!!
> > >
> > > I hope you are right. I'll check into the IRC and see what the latest rumor
> > > is :-)
> > > 73,
> > > Jerry, K5OE
> > >
> > > ----
> > > Via the amsat-bb mailing list at AMSAT.ORG courtesy of AMSAT-NA.
> > > To unsubscribe, send "unsubscribe amsat-bb" to Majordomo@amsat.org
> > > ----
> > > Via the amsat-bb mailing list at AMSAT.ORG courtesy of AMSAT-NA.
> > > To unsubscribe, send "unsubscribe amsat-bb" to Majordomo@amsat.org

3394. make that HEMT :)

Newsgroup: rec.radio.amateur.space
Date: 2000-12-17 14:28:05 UTC
From: rheticus <ed@doofpot.nl>
Message-ID: <g_3%5.37234$fy2.2394935@news.soneraplaza.nl>
Source record: 7378

[No readable article body recovered]

3395. Re: ISS

Newsgroup: rec.radio.amateur.space
Date: 2000-12-17 17:27:06 UTC
From: Pervert_Extraordinaire <valued_customer1@att.com>
Message-ID: <3A3D219B.CA7669F9@att.com>
Source record: 7379

meteu wrote:
>I have yet to hear the ISS. I have been told they have been on ao-27 and
>was wondering if anyone else has heard them?

I'm unsure what you mean by 'on AO-27'. Are you implying they are
repeating of this satellite or something? I've ONLY heard them
'on the ISS' on 143.625. Perhaps I'm missing something here...

> if so, I have yet to see any passes in my area during that time. The passes
> here are all in the late afternoon and evening. that is after they are, i
> assume, in bed.

I've listened to the ISS perhaps 20 times. They've all been in the day/evening
timeframe. Given I live in IN and you in CO, I'd think these are comparable?

Note (I was told) they were not using the 143.625 frequency while the
shuttle was up. They were to return to this frequency after the shuttle
landed. I, for awhile, was unable to hear them... till last night.
They're back!

3396. Re: ISS

Newsgroup: rec.radio.amateur.space
Date: 2000-12-17 17:53:18 UTC
From: Will Marchant <kc6rol@amsat.org>
Message-ID: <3A3CFD93.D3003032@amsat.org>
Source record: 7380

Hi Carl:
The ISS crew is incredibly busy. While ham radio is important to them, it has to have a much lower priority than keeping the air breathable! We all need to be patient while the first crew gets the station into a stable situation. We are working very closely with the following expedition crews to maximize the chances that they will be able to do random QSOs.

The school contact on Tuesday will use the public 145.80 downlink, so some people will get a chance to listen in to that. As soon as I get more information about the possibility of general operations I'll get it out...
73,
Will

meteu wrote:
>
> I have yet to hear the ISS. I have been told they have been on ao-27 and
> was wondering if anyone else has heard them?
>
> Part of the problem is I may have messed up my conversion from UTC to local
> time. ARRL said that their work day starts at 0800UTC which I figured is
> 1am Denver time, they have lunch at 1200UTC (5am local time) and end of the
> day at 1900UTC (noon local time). did I get iy right?
>
> if so, I have yet to see any passes in my area during that time. The passes
> here are all in the late afternoon and evening. that is after they are, i
> assume, in bed.
>
> am i on the mark or waaay off base?
>
> thanks,
> Carl

--
Will Marchant
marchant@ssl.berkeley.edu http://chips.ssl.berkeley.edu/~marchant/
kc6rol@amsat.org New==>http://home.earthlink.net/~willmarchant/

3397. Re: AO-40???

Newsgroup: rec.radio.amateur.space
Date: 2000-12-17 18:16:48 UTC
From: raysoifer@cs.com
Message-ID: <20001217131648.11959.00003604@ng-ci1.news.cs.com>
Source record: 7381

As of this morning (17 December) AMSAT-DL reported that they still had not been able to re-establish communications with AO-40. They are working on it. See their web site, www.amsat-dl.org, for the latest info.
73, Ray

3398. AMSAT IRC Channel

Newsgroup: rec.radio.amateur.space
Date: 2000-12-17 18:21:24 UTC
From: raysoifer@cs.com
Message-ID: <20001217132124.11959.00003605@ng-ci1.news.cs.com>
Source record: 7382

The Houston AMSAT Net has established an Internet Relay Chat channel for real-time messaging among licensed amateurs who are actively participating in satellite activities. Right now it is concentrating on the search for AO-40. Information on how to access this channel may be found on www.amsatnet.com and www.amsat-uk.org.

73, Ray, W2RS
w2rs@amsat.org

3399. Re: AO-40 re-boot

Newsgroup: rec.radio.amateur.space
Date: 2000-12-17 18:29:25 UTC
From: Ted <mpetrina@san.rr.com>
Message-ID: <9C7%5.17995$c32.3407254@typhoon.san.rr.com>
Source record: 7383

I have been watching a signal for about 10 minuites now. It started out at
436.450.10 and is now at 436.49.47. I currently have AO-40 moving away from
me(according to my tracking software and the latest keps from AMSAT).
Does anybody else hear this signal? The doppler shift is very slow.

Ted
KC6ZRV

"N1RZ" <n1rz@timhavens.com> wrote in message
news:U93%5.28771$n51.546777@e420r-atl1.usenetserver.com...
> 'Apparently' there is no exact time of the reboot. From what I've been
> hearing there is some sort of watchdog, that no one will fess up to when
it
> should kick in.
>
> Information is very sketchy at best.
>
> Rely on official sources only....since is plenty of false info, and false
> reporting going on.
>
> From what I gather, when this 'reboot' does occur it will go through the
> same scenario as when it was launched, meaning it will begin to broadcast
on
> the UHF system, which (if you remember) wasn't working properly.
> So.....the command teams need to get it switched over to VHF on it's
beacon
> manual. From what I've been able to descern from folks like KB0G (I
think)
> and W3IWI, and G3WRL there is no automatic switching of the beacon.
> Everything is manual with regard to band switching, even if there is high
> SWR. (DOH!).
>
> So....if folks are trying to hear it they should be listening on UHF.
The
> best I can get form folks on the IRC chat is that it's supposed to come up
> on the 436.450Mhz Beacon after a reboot. But I've heard reports that
> people hear it on 436.609 Mhz. Which I highly suspect is NOT AO40.
>
> I'm no perfect source of information. Just sharing what I've been able to
> get form some sources I trust.
>
> Sure wish AMSAT would find a way to provide us with an FAQ on this sort of
> stuff....relying on rumor to track a wayward sat. seems kinda lame.
>
> Tim

> "3.14159265358979323846264338327 95" <rfspace@yahoo.com> wrote in message
> news:VLL_5.33858$_y5.7338307@typhoon.southeast.rr.com...
> > Hi guys,
> >
> > Does anyone know what the exact center frequency of the telemetry was?
Is
> > this where the weak carrier is being heard. I have read reports of a
weak
> > carrier, but can anyone confirm this. It should not be hard with
> directional
> > antennas. I am looking at a spectrograph right now and all I see are
> > carriers that donot seem to be changing with doppler. I'll keep looking.
> > Does anyone know the exact GMT of the reboot?
> >
> > Pieter N4IP
> >
> >
> >
> >
>
>
>
>

3400. Re: AO-40 Software telemetry decoder

Newsgroup: rec.radio.amateur.space
Date: 2000-12-17 19:15:46 UTC
From: Jim Jerzycke <kq6ea@amsat.org>
Message-ID: <3A3D10E2.D76E1693@amsat.org>
Source record: 7385

HAH! I added "libxmld", and it compiled and ran. It even works with the
sample files I found.
Now if we just had a satellite to listen to.........
Thanks, Jim

3401. AO-40?

Newsgroup: rec.radio.amateur.space
Date: 2000-12-17 19:26:48 UTC
From: Dale Parfitt <GTE/parinc@GTE.net>
Message-ID: <3A3D1375.E1B6CCF1@GTE.net>
Source record: 7384

Any news? I see nothing on the AMSAT or ARRL pages. Thought the reboot was yesterday.

W4OP

3402. Re: AO-40?

Newsgroup: rec.radio.amateur.space
Date: 2000-12-17 19:50:32 UTC
From: Rudy <hhardy@houston.rr.com>
Message-ID: <cO8%5.6447$7V2.204547@typhoon.austin.rr.com>
Source record: 7386

I guess "no news is bad news".

"Dale Parfitt" <GTE/parinc@GTE.net> wrote in message
news:3A3D1375.E1B6CCF1@GTE.net...
>
> Any news? I see nothing on the AMSAT or ARRL pages. Thought the reboot
> was yesterday.
>
> W4OP
>

3403. Re: AO-40?

Newsgroup: rec.radio.amateur.space
Date: 2000-12-17 20:56:14 UTC
From: raysoifer@cs.com
Message-ID: <20001217155614.20924.00006122@ng-fc1.news.cs.com>
Source record: 7387

ANS just put out a new bulletin which I'm sure will be on www.amsat.org in due course. In the meantime, check www.amsat-dl.org for the latest info. Bottom line is they're still working on it. 73, Ray W2RS

3404. AO-40 info

Newsgroup: rec.radio.amateur.space
Date: 2000-12-18 00:47:39 UTC
From: nick <ku2a@jlc.net>
Message-ID: <3A3D5EAB.A89D5159@jlc.net>
Source record: 7388

http://www.amsat-uk.org/phase3d.htm

3405. Re: Is the ISS still using 143.6250

Newsgroup: rec.radio.amateur.space
Date: 2000-12-18 00:58:38 UTC
From: "Jim Shaffer, Jr." <jshaffer@mail.csrlink.net>
Message-ID: <om9q3tspdospo7bbrm1pdgcstoem1mvkrt@4ax.com>
Source record: 7389

On Sun, 17 Dec 2000 03:32:29 GMT, Pervert_Extraordinaire
<valued_customer1@att.com> wrote:

>> Just because they're going to be going to S-band for mission communications
>> doesn't mean that they're going to stop ham activity. In fact, sometime next
>> year they're supposed to set up an SSTV station, so you'll be able to hook up
>> your scanner output to your sound card and receive pictures.
>
>WOW!, similar to receiveing ATP weather satellite pictures?

Sort of. SSTV sends individual pictures rather than a continuous strip. If you
have a shortwave-capable rig, there's a lot of SSTV activity in the
14.230-14.233 area, upper sideband, that you can use to check out your software.
Be aware that SSTV comes in a *lot* of different modes. If the ISS station is
similar to Mir, they'll be using Robot36, I think, which is fairly new and not
widely supported yet.

--
Earth for Earthlings!

3406. Re: Is the ISS still using 143.6250

Newsgroup: rec.radio.amateur.space
Date: 2000-12-18 03:15:07 UTC
From: Pervert_Extraordinaire <valued_customer1@att.com>
Message-ID: <3A3DAB6B.3035C87D@att.com>
Source record: 7390

"Jim Shaffer, Jr." wrote:
> On Sun, 17 Dec 2000 03:32:29 GMT, Pervert_Extraordinaire
>
> >WOW!, similar to receiveing ATP weather satellite pictures?
>
> Sort of. SSTV sends individual pictures rather than a continuous strip. If you
> have a shortwave-capable rig, there's a lot of SSTV activity in the
> 14.230-14.233 area, upper sideband, that you can use to check out your software.
> Be aware that SSTV comes in a *lot* of different modes. If the ISS station is
> similar to Mir, they'll be using Robot36, I think, which is fairly new and not
> widely supported yet.

I take it the "SS" in "SSTV" stands for Single Sideband. My RS 2006 scanner
lacks SSB capability. I've seen a modification to enable SSB reception tho'.

This is a bit out of my league for the present...

Thanks again.

3407. Re: Is the ISS still using 143.6250

Newsgroup: rec.radio.amateur.space
Date: 2000-12-18 05:02:58 UTC
From: Jim Fuller <jefuller@netscape.net>
Message-ID: <3A3D9A82.8E947E77@netscape.net>
Source record: 7391

Pervert_Extraordinaire wrote:
>
....
> I take it the "SS" in "SSTV" stands for Single Sideband.

"Slow Scan".

--
Jim Fuller

3408. need ICOM706 help

Newsgroup: rec.radio.amateur.space
Date: 2000-12-18 07:40:22 UTC
From: Pete Kanikula <kanikula@gci.net>
Message-ID: <t3rfou4aata2cb@corp.supernews.com>
Source record: 7392

Can anyone using an ICOM 706 Mk II tell me how to use the split frequency function to work mode A or mode K satellites? I would like to be able to adjust the receive frequency and have the transmit frequency adjust proportionally without switching between VFO A/B to change it manually. Is this possible? The owner's manual implies it but I cant figure it out.

Pete

3409. Re: voix

Newsgroup: rec.radio.amateur.space
Date: 2000-12-18 08:28:40 UTC
From: David <rangin@hotmail.com>
Message-ID: <91khs2$lu8$1@ftp.curtin.edu.au>
Source record: 7393

Pour aider un anglophone, &#65533;cole-instruit, qu'est ce que c'est "le gugusse"?
L'argot, evidement...

Mais, comme vous dites: navrant...

VK6JT

"JPMallet" <jean-pierre.mallet1@libertysurf.fr> wrote in message
news:91ghn9$1khm$1@news4.isdnet.net...
> Et en plus il y a un gugusse qui s'amuse &#65533; retransmettre la t&#65533;l&#65533;m&#65533;trie
> d'AO-40 sur AO-10.... Navrant..
> F5MI
>
> f9tl <f9tl@radio-neptune.com> a &#65533;crit dans le message :
> 91gfuugbv1@wanadoo.fr...
> > Jeanne d'Arc est de retour.
> >
> > f9tl
> >
> >
>
>

3410. Re: voix

Newsgroup: rec.radio.amateur.space
Date: 2000-12-18 09:50:44 UTC
From: JPMallet <jean-pierre.mallet1@libertysurf.fr>
Message-ID: <91kn8v$18lv$1@news6.isdnet.net>
Source record: 7394

Un gugusse, c'est un clown, en argot! HI
F5MI

David <rangin@hotmail.com> a crit dans le message :
91khs2$lu8$1@ftp.curtin.edu.au...
> Pour aider un anglophone, cole-instruit, qu'est ce que c'est "le
gugusse"?
> L'argot, evidement...
>
> Mais, comme vous dites: navrant...
>
> VK6JT
>
> "JPMallet" <jean-pierre.mallet1@libertysurf.fr> wrote in message
> news:91ghn9$1khm$1@news4.isdnet.net...
> > Et en plus il y a un gugusse qui s'amuse retransmettre la tl mtrie
> > d'AO-40 sur AO-10.... Navrant..
> > F5MI
> >
> > f9tl <f9tl@radio-neptune.com> a crit dans le message :
> > 91gfuugbv1@wanadoo.fr...
> > > Jeanne d'Arc est de retour.
> > >
> > > f9tl
> > >
> > >
> >
> >
>
>

3411. Re: Is the ISS still using 143.6250

Newsgroup: rec.radio.amateur.space
Date: 2000-12-18 11:44:34 UTC
From: mailmrs@aol.com.net
Message-ID: <20001218064434.09052.00002434@nso-ck.aol.com>
Source record: 7395

In article <3A3DAB6B.3035C87D@att.com>, Pervert_Extraordinaire
<valued_customer1@att.com> wrote:
>I take it the "SS" in "SSTV" stands for Single Sideband.
Nope!! stands for Slow Scan...

mrs

3412. Re: Is the ISS still using 143.6250

Newsgroup: rec.radio.amateur.space
Date: 2000-12-18 12:27:56 UTC
From: Peter Hodgson <va3pkh@rac.ca>
Message-ID: <3A3E02CC.C6E99A69@rac.ca>
Source record: 7396

HI

Your scaner should be OK. The Slow Scan TV from MIR was un 2m FM
the ISS will be the same. If you had access to SSB gear you could test the hardware
ahead of time.

Take a look at http://www.siliconpixels.com/

73
Peter
VA3PKH

Pervert_Extraordinaire wrote:

> "Jim Shaffer, Jr." wrote:
> > On Sun, 17 Dec 2000 03:32:29 GMT, Pervert_Extraordinaire
> >
> > >WOW!, similar to receiveing ATP weather satellite pictures?
> >
> > Sort of. SSTV sends individual pictures rather than a continuous strip. If you
> > have a shortwave-capable rig, there's a lot of SSTV activity in the
> > 14.230-14.233 area, upper sideband, that you can use to check out your software.
> > Be aware that SSTV comes in a *lot* of different modes. If the ISS station is
> > similar to Mir, they'll be using Robot36, I think, which is fairly new and not
> > widely supported yet.
>
> I take it the "SS" in "SSTV" stands for Single Sideband. My RS 2006 scanner
> lacks SSB capability. I've seen a modification to enable SSB reception tho'.
>
> This is a bit out of my league for the present...
>
> Thanks again.

3413. AO40 and Lower Tech Sats

Newsgroup: rec.radio.amateur.space
Date: 2000-12-18 12:37:55 UTC
From: "J. Duffy Beischel" <duffyb01@fuse.net>
Message-ID: <t3s185oj46dt9b@corp.supernews.com>
Source record: 7397

Looks like we may have put all our eggs into one basket and the basket may be gone. I cannot understand why AMSAT will not build cheaper sats that can be more easily used by a majority of hams (2 up and 10 down). Sats that use all these SHF frequencies are just not in reach of Joe six pack ham. They take too long to build and when they fail, it is a major disaster for the ham community. I'm not saying AO40 is dead yet, I have no idea. But the possibility brings about the question of why not more and simplier sats for everyone.

3414. Re: AO40 and Lower Tech Sats

Newsgroup: rec.radio.amateur.space
Date: 2000-12-18 12:57:06 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn93s2d1.1el.nomail@linux.pe1chl.ampr.org>
Source record: 7398

J. Duffy Beischel <duffyb01@fuse.net> wrote:

>Looks like we may have put all our eggs into one basket and the basket may
>be gone. I cannot understand why AMSAT will not build cheaper sats that can
>be more easily used by a majority of hams (2 up and 10 down). Sats that use
>all these SHF frequencies are just not in reach of Joe six pack ham. They
>take too long to build and when they fail, it is a major disaster for the
>ham community. I'm not saying AO40 is dead yet, I have no idea. But the
>possibility brings about the question of why not more and simplier sats for
>everyone.

There already are *many* simple and cheap satellites. How do you think the
numbering got up to 40? And then I am not even mentioning the RS series.

Why not try to make a somewhat more complicated satellite once in a while?
Do you think only appliance operators should be using satellites and there
should be nothing for those who want to experiment, e.g. at SHF frequencies?

And why don't you consider that other amateurs may not like the use of
low frequencies because they have a lot of QRM or have no place to put up
the large antennas needed at those frequencies?
Don't you think they should be allowed to use a satellite using only a
couple of small helices?

It looks like you are only taking your own situation (apparently owning a
HF and 2M transceiver) into account, and conclude that must be the
reference for "the majority of hams". Don't forget that there are many
hams that have no HF license and hence no reason to buy equipment for HF.
For them, a 10m downlink is just as complicated as a 13cm downlink is for
you: they have to build or buy a converter and antenna.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

3415. Re: AO-40?

Newsgroup: rec.radio.amateur.space
Date: 2000-12-18 13:32:45 UTC
From: deniz <hl2pcu@hananet.net>
Message-ID: <ogo%5.14195$XD.460017@news.hananet.net>
Source record: 7249

"no news is bad news". is korean idiom...hihi
from south korea....

"Rudy" <hhardy@houston.rr.com> wrote in message
news:cO8%5.6447$7V2.204547@typhoon.austin.rr.com...
> I guess "no news is bad news".
>
> "Dale Parfitt" <GTE/parinc@GTE.net> wrote in message
> news:3A3D1375.E1B6CCF1@GTE.net...
> >
> > Any news? I see nothing on the AMSAT or ARRL pages. Thought the reboot
> > was yesterday.
> >
> > W4OP
> >
>
>

3416. Re: AO-40 "Death" status

Newsgroup: rec.radio.amateur.space
Date: 2000-12-18 16:15:13 UTC
From: vinvent@aol.com
Message-ID: <20001218111513.27911.00001693@ng-me1.aol.com>
Source record: 7250

>Subject: Re: AO-40 "Death" status
>From: jw@london.news.uk (Jon Wilshire)
>Date: 12/16/00 4:51 PM Mountain Standard Time
>Message-id: <uhIPjhik@london.news.uk>
>
>If Phase 3d doesn't work, can we get our money back?

You can't have your money back. If I were you I'd buy a Phase 3D model while
they're still available, that way you'll remember where your money went.

3417. Re: AO40 and Lower Tech Sats

Newsgroup: rec.radio.amateur.space
Date: 2000-12-18 23:44:20 UTC
From: Cathryn Mataga <cathrynm@junglevision.com>
Message-ID: <3A3EA154.36380943@junglevision.com>
Source record: 7253

Chris Muir wrote:
>
> I don't agree about mode A though, if one is to use HF then it is much
> better to use HF for the uplink (21 or 24) and 144 for the downlink. Plus
> maybe U/V (or V/U) or U/S for more advanced users?
>
> As for orbits, some thing like that of RS-15 would keep many of us happy..
>

Me, I think 'size of antenna' is a better indicator of how difficult the satellite will be to use. That is if there are enough people on a band, the equipment will be there. But, putting up lots of aluminum on the roof -- that's a pain. I imagine maybe a little dish, with two feeds on it.

Either that or maybe go low orbit digital with high power, sort of like the DO17 concept. Where maybe we all walk around with little pagers that can receive messages -- or something like this. Just a random thought.

3418. Re: AO40 and Lower Tech Sats

Newsgroup: rec.radio.amateur.space
Date: 2000-12-18 23:48:34 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn93t8ii.1el.nomail@linux.pe1chl.ampr.org>
Source record: 7254

Chris Muir <cmuir@startrek.org.nz> wrote:

> Whilst there have been many satellites launched, the number with linear
>translators is much smaller. In fact linear birds appeal to a wider
>audience (than pacsats) and will also support many of the exciting new
>narrrow band digital modes such as PSK, MFSK, HELL, etc

> If AO-40 is lost (don;t write it off just yet though) then a family of much
>simpler linear translator birds might be the way to go - drawing on the
>legacy of the RS and FO designs.

> I don't agree about mode A though, if one is to use HF then it is much
>better to use HF for the uplink (21 or 24) and 144 for the downlink. Plus
>maybe U/V (or V/U) or U/S for more advanced users?

> As for orbits, some thing like that of RS-15 would keep many of us happy..

LEO satellites have a small range and a short communications interval.
That is why they are usually fitted with store-and-forward digital systems.

Using a LEO sat with a transponder means you will be limited to 3000 km
QSOs with only a short exchange of information. Not everybody likes that
contest-style operating.

A satellite in an orbit like AO-40 will allow you to talk cross-continent
for extended periods of time.

Your preference for HF uplinks ignores the fact that until the CODE wars
have finally been fought out, not everyone has a license to operate on HF.
Those with a no-code license often are interested in using satellites.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

3419. Re: AO-40 "Death" status

Newsgroup: rec.radio.amateur.space
Date: 2000-12-19 00:11:50 UTC
From: vlfiscus@mcn.net
Message-ID: <t3t9u6kbtsj38c@news.supernews.com>
Source record: 7255

It's amazing how some people can find so much enjoyment in other peoples misfortune.

KB7ADL, Still Listening with fingers crossed.

vinvent@aol.com wrote in
<20001218111513.27911.00001693@ng-me1.aol.com>:

>>Subject: Re: AO-40 "Death" status
>>From: jw@london.news.uk (Jon Wilshire)
>>Date: 12/16/00 4:51 PM Mountain Standard Time
>>Message-id: <uhIPjhik@london.news.uk>
>>
>>If Phase 3d doesn't work, can we get our money back?
>
>You can't have your money back. If I were you I'd buy a Phase 3D model
>while they're still available, that way you'll remember where your
>money went.
>
>

3420. AO-40 keplerian element Set #11

Newsgroup: rec.radio.amateur.space
Date: 2000-12-19 00:18:01 UTC
From: vlfiscus@mcn.net
Message-ID: <t3ta9ps2gfl612@news.supernews.com>
Source record: 7256
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

AMSAT-NA's N2WWD provided ANS the following preliminary Keplerian elements based on a single radar pass. More accurate orbital elements should follow from NORAD in the near future -- following a second radar pass that should provide time and geometric distribution of the tracking data.

AO-40
1 26609U 00072B 00352.42798611 .00000000 00000-0 00000-0 0 115
2 26609 6.3033 237.3129 8126708 194.7923 102.4478 1.27093349 581

Satellite: AO-40
Catalog number: 26609
Epoch time: 00352.42798611
Element set: 11
Inclination: 6.3033 deg
RA of node: 237.3129 deg
Eccentricity: 0.8126708
Arg of perigee: 194.7923 deg
Mean anomaly: 102.4478 deg
Mean motion: 1.27093349 rev/day
Decay rate: 0.00000e+00 rev/day^2
Epoch rev: 58
Checksum: 266

Stay tuned to ANS for additional bulletins from AMSAT, the official source for information on AMSAT OSCAR-40.

[ANS thanks AMSAT-NA and AMSAT-DL for this information]

3421. Re: need ICOM706 help

Newsgroup: rec.radio.amateur.space
Date: 2000-12-19 01:09:37 UTC
From: Chris Muir <cmuir@startrek.org.nz>
Message-ID: <iRw%5.132$RJV.8716525@news.xtra.co.nz>
Source record: 7251

Pete Kanikula <kanikula@gci.net> wrote in message
news:t3rfou4aata2cb@corp.supernews.com...
> Can anyone using an ICOM 706 Mk II tell me how to use the split frequency
> function to work mode A or mode K satellites? I would like to be able to
> adjust the receive frequency and have the transmit frequency adjust
> proportionally without switching between VFO A/B to change it manually.
Is
> this possible? The owner's manual implies it but I cant figure it out.
>
>Pete

Pete, the mode you suggest (auto tracking between A and B VFO's on
different
frequencies) is not implemented in the 706. For a start of course the 706
is
not a duplex radio (you cannot transmit and recieve at the same time). It
is
only duplex radios (designed for satellite use) that normally include
"satellite mode" VFO tracking.

However, I think it might be possible for an external microcontroller (like
the PIC family) to be programmed to do what you suggest via the Icom CIV
interface. It would recieve freq/mode info from (say) VFO A each time the
frequency was adjusted and then quickly change VFO B by a specific offset
(to suit the particular satellite). Someone with PIC experience (and CIV
knowledge) could probably do this quite easily (count me out, I am not a
programmer!).

Of course if you use TWO Icom radios then what you describe is much easier.
Icom have the CT16 satellite interface which does just this and in addition
there are some software packages around which do similar things. With two
radios you have full duplex also, enabling you to hear your own signal on
the downlink and properly zero beat another station.

Chris Muir mailto:cmuir@startrek.org.nz

3422. Is AO-40 insured?

Newsgroup: rec.radio.amateur.space
Date: 2000-12-19 01:09:50 UTC
From: "3.14159265358979323846264338327 95" <rfspace@yahoo.com>
Message-ID: <yzy%5.404$88.209239@typhoon.southeast.rr.com>
Source record: 7257

Maybe they can buy a geostationary satellite with this money?

Pete

3423. Re: AO40 and Lower Tech Sats

Newsgroup: rec.radio.amateur.space
Date: 2000-12-19 01:24:29 UTC
From: Chris Muir <cmuir@startrek.org.nz>
Message-ID: <c3x%5.145$RJV.10027160@news.xtra.co.nz>
Source record: 7252

Rob Janssen <nomail@rob.knoware.nl> wrote in message
news:slrn93s2d1.1el.nomail@linux.pe1chl.ampr.org...
> J. Duffy Beischel <duffyb01@fuse.net> wrote:
>
> >Looks like we may have put all our eggs into one basket and the basket
may
> >be gone. I cannot understand why AMSAT will not build cheaper sats that
can
> >be more easily used by a majority of hams (2 up and 10 down). Sats that
use
> >all these SHF frequencies are just not in reach of Joe six pack ham.
They
> >take too long to build and when they fail, it is a major disaster for the
> >ham community. I'm not saying AO40 is dead yet, I have no idea. But the
> >possibility brings about the question of why not more and simplier sats
for
> >everyone.
>
> There already are *many* simple and cheap satellites. How do you think
the
> numbering got up to 40? And then I am not even mentioning the RS series.
>
> Why not try to make a somewhat more complicated satellite once in a while?
> Do you think only appliance operators should be using satellites and there
> should be nothing for those who want to experiment, e.g. at SHF
frequencies?
>
> And why don't you consider that other amateurs may not like the use of
> low frequencies because they have a lot of QRM or have no place to put up
> the large antennas needed at those frequencies?
> Don't you think they should be allowed to use a satellite using only a
> couple of small helices?
>
> It looks like you are only taking your own situation (apparently owning a
> HF and 2M transceiver) into account, and conclude that must be the
> reference for "the majority of hams". Don't forget that there are many
> hams that have no HF license and hence no reason to buy equipment for HF.
> For them, a 10m downlink is just as complicated as a 13cm downlink is for
> you: they have to build or buy a converter and antenna.
>
> Rob
> --
> +--------------------------------+---------------------------------------+
> | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |

> | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
> +---------------------------------+--------------------------------------+

JDB makes some valid points.

Whilst there have been many satellites launched, the number with linear translators is much smaller. In fact linear birds appeal to a wider audience (than pacsats) and will also support many of the exciting new narrrow band digital modes such as PSK, MFSK, HELL, etc

If AO-40 is lost (don;t write it off just yet though) then a family of much simpler linear translator birds might be the way to go - drawing on the legacy of the RS and FO designs.

I don't agree about mode A though, if one is to use HF then it is much better to use HF for the uplink (21 or 24) and 144 for the downlink. Plus maybe U/V (or V/U) or U/S for more advanced users?

As for orbits, some thing like that of RS-15 would keep many of us happy..

Chris Muir mailto:cmuir@startrek.org.nz

3424. Re: AO-40 keplerian element Set #11

Newsgroup: rec.radio.amateur.space
Date: 2000-12-19 02:41:05 UTC
From: Dick Carroll <dixie@townsqr.com>
Message-ID: <91mhs1$j9q$2@208.206.142.100>
Source record: 7258
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

"Vince Fiscus, KB7ADL" wrote:
>
> AMSAT-NA's N2WWD provided ANS the following preliminary Keplerian
> elements based on a single radar pass. More accurate orbital elements
> should follow from NORAD in the near future -- following a second radar
> pass that should provide time and geometric distribution of the tracking
> data.
>
> AO-40
> 1 26609U 00072B 00352.42798611 .00000000 00000-0 00000-0 0 115
> 2 26609 6.3033 237.3129 8126708 194.7923 102.4478 1.27093349 581
>
> Satellite: AO-40
> Catalog number: 26609
> Epoch time: 00352.42798611
> Element set: 11
> Inclination: 6.3033 deg
> RA of node: 237.3129 deg
> Eccentricity: 0.8126708
> Arg of perigee: 194.7923 deg
> Mean anomaly: 102.4478 deg
> Mean motion: 1.27093349 rev/day
> Decay rate: 0.00000e+00 rev/day^2
> Epoch rev: 58
> Checksum: 266
>
> Stay tuned to ANS for additional bulletins from AMSAT, the
> official source for information on AMSAT OSCAR-40.
>
> [ANS thanks AMSAT-NA and AMSAT-DL for this information]

What, they recusitated it?

3425. Re: AO-40 keplerian element Set #11

Newsgroup: rec.radio.amateur.space
Date: 2000-12-19 05:47:09 UTC
From: Chris Muir <cmuir@startrek.org.nz>
Message-ID: <zVA%5.192$RJV.9437456@news.xtra.co.nz>
Source record: 7259
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

Dick Carroll <dixie@townsqr.com> wrote in message
news:91mhs1$j9q$2@208.206.142.100...
>
>
> "Vince Fiscus, KB7ADL" wrote:
> >
> > AMSAT-NA's N2WWD provided ANS the following preliminary Keplerian
> > elements based on a single radar pass. More accurate orbital elements
> > should follow from NORAD in the near future -- following a second radar
> > pass that should provide time and geometric distribution of the tracking
> > data.
> >
> > AO-40
> > 1 26609U 00072B 00352.42798611 .00000000 00000-0 00000-0 0 115
> > 2 26609 6.3033 237.3129 8126708 194.7923 102.4478 1.27093349 581
> >
> > Satellite: AO-40
> > Catalog number: 26609
> > Epoch time: 00352.42798611
> > Element set: 11
> > Inclination: 6.3033 deg
> > RA of node: 237.3129 deg
> > Eccentricity: 0.8126708
> > Arg of perigee: 194.7923 deg
> > Mean anomaly: 102.4478 deg
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> > Decay rate: 0.00000e+00 rev/day^2
> > Epoch rev: 58
> > Checksum: 266
> >
> > Stay tuned to ANS for additional bulletins from AMSAT, the
> > official source for information on AMSAT OSCAR-40.
> >
> > [ANS thanks AMSAT-NA and AMSAT-DL for this information]
>
>
> What, they recusitated it?

No, just detected it with NORAD radar. They say it is in one piece - this
puts the disintegration theory to rest.

Next step is to wait to Dec 21st and Dec 25th for possible automatic
reactivation. After that they consider using the rest command (but they dont
want to be hurried into trying that till they have given the on-board

time-outs a chance to work.

Chris Muir ZL1BOE

3426. AO-40 Update

Newsgroup: rec.radio.amateur.space
Date: 2000-12-19 07:29:40 UTC
From: George Hiscox <ghiscox@earthlink.net>
Message-ID: <sf3u3tkfh3gt8fpk084nog7h0nh58cvuag@4ax.com>
Source record: 7260

ZCZC AS26
QST de W1AW
Space Bulletin 026 ARLS026
From ARRL Headquarters
Newington, CT December 19, 2000
To all radio amateurs

SB SPACE ARL ARLS026
ARLS026 AO-40 still silent

AMSAT OSCAR-40 remains silent, and command stations on the ground still have been unable to reestablish contact with the Amateur Radio satellite. It had been hoped that an onboard computer timeout expected on or about December 16 would restart the beacon telemetry and give the ground crew some clues as to why AO-40 suddenly stopped transmitting on December 13.

AMSAT-Germany's Peter Guelzow, DB2OS, of the AO-40 team, said nothing was heard over the weekend, and command stations tried to re-establish communication by sending blind commands. If the reset had occurred, the satellite would have been restored to its post-launch configuration and attempt to transmit on 70 cm. However, the 70-cm transmitter has been problematic, and the satellite likely still would need to be reconfigured for 2-meter transmission at that point to be heard on Earth.

The AO-40 team is continuing to investigate reports of weak signals on the 2-meter downlink frequency of 145.898 MHz that seem to be coming from AO-40, but it has discounted reports of telemetry heard there as a hoax. Other reports persist of a weak, unmodulated carrier, however.

Guelzow said today that the AO-40 team is encouraged by a report from the North American Air Defense Command--NORAD. The report indicates that AO-40 was found to be in one piece, that the orbit was exactly were it should be, that the radar cross-section was as expected, and that no other pieces were found. Guelzow said the NORAD data counter rumors ''which no one on the inner team believed'' that AO-40 might have exploded.

AMSAT-NA President Robin Haighton said ground controllers were exploring several options.

When and whether the satellite will be heard from again depends, in part, on whether AO-40 has picked up any of the ''blind commands'' sent by ground controllers. Guelzow says that if no commands were

accepted by the IHU-1 onboard computer since contact was lost December 13, then a ''command-assist'' watchdog routine on December 21 will cycle the satellite through various receive, transmit, high-gain and low-gain antenna modes. If AO-40 did pick up some commands, Guelzow said, the command-assist watchdog will be reset for another 10 orbits. That could extend the wait until sometime after Christmas.

Guelzow says the ''watchdogs'' are software resets. Ground controllers want to avoid doing a hard re-boot of the main computer, which is considered a last resort. ''There is no need to hurry, and the command team doesn't want to miss any option,'' he said.
NNNN

And here are the latest keps from NORAD:

AO-40
1 26609U 00072B 00352.42798611 .00000000 00000-0 00000-0 0 115
2 26609 6.3033 237.3129 8126708 194.7923 102.4478 1.27093349 581

3427. AO40 - Outgassing ?

Newsgroup: rec.radio.amateur.space
Date: 2000-12-19 08:53:27 UTC
From: Mike <m.j.willis@rl.ac.uk>
Message-ID: <91n7m9$ena@newton.cc.rl.ac.uk>
Source record: 7261

It worries me that the AO40 transmitter was running so early after launch. Low pressure gas might have caused some problems with the transmitter output stages arcing. I know the satellite went through thermal vacuum testing, but then it sat waiting for launch for a long time. The lack of telemetry might be a result of the transmitter failing, or hopefully just going into a safe mode. Probably the best thing to do is to wait and send a reset after a couple of weeks if nothing happens.

If the failure is a transmitter problem, perhaps someone with an EME array could look for a very weak signal on 2m and 70cm ?

Mike

3428. Re: AO40 and Lower Tech Sats

Newsgroup: rec.radio.amateur.space
Date: 2000-12-19 09:43:42 UTC
From: hamish@cloud.net.au
Message-ID: <i5G%5.18084$Xx3.78195@news1.eburwd1.vic.optushome.com.au>
Source record: 7262

Chris Muir <cmuir@startrek.org.nz> wrote:
> Whilst there have been many satellites launched, the number with linear
> translators is much smaller. In fact linear birds appeal to a wider
> audience (than pacsats) and will also support many of the exciting new
> narrrow band digital modes such as PSK, MFSK, HELL, etc

PSK31 and MFSK are quite difficult to operate through linear
satellites because of the doppler shift. Hellschreiber is more
forgiving of tuning errors; MFSK is not at all forgiving
(< ~5 Hz is enough to upset it).

Hamish
--
Hamish Moffatt VK3SB <hamish@debian.org> <hamish@cloud.net.au>

3429. Re: AO40 - Outgassing ?

Newsgroup: rec.radio.amateur.space
Date: 2000-12-19 10:43:41 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn93ueus.1el.nomail@linux.pe1chl.ampr.org>
Source record: 7264

Mike <m.j.willis@rl.ac.uk> wrote:
>It worries me that the AO40 transmitter was running so early after launch.
>Low pressure gas might have caused some problems with the transmitter output
>stages arcing. I know the satellite went through thermal vacuum testing, but
>then it sat waiting for launch for a long time. The lack of telemetry might

It was kept off for 3 hours after launch. I cannot judge if that was long
enough, but I would guess that the appropriate experts were consulted when
determining this time (which was stated to be for purposes of releasing any
gasses from the satellite).

>be a result of the transmitter failing, or hopefully just going into a safe
>mode. Probably the best thing to do is to wait and send a reset after a
>couple of weeks if nothing happens.

>If the failure is a transmitter problem, perhaps someone with an EME array
>could look for a very weak signal on 2m and 70cm ?

The failure did not look like a transmitter problem in the telemetry.
It much more looks like a crashed computer. A command was sent, an error
message returned, 5 minutes of strange data was transmitted, and only then
it stopped. Unless the strange data was the expected response on the last
command (the command stations do not provide the general public with
information like that, so we can only guess), it very much looks like
a piece of software running out of control and overwriting memory areas.

What I find most disturbing (and seems to be so easy to rectify) is that
there are these long periods of no information at all, and then those
information bulletins that definately tell what will be done or what will
happen and when. When the time of those events goes by, nothing is heard
for several days and then there is another statement that sometimes sort of
contradicts what was said before. E.g. on 13-12 there was a statement
by the project leader that they were waiting for the command-assist routine
to become active on 16-12 afternoon (it did not mention a timezone...).
When nothing happened, it took 2 more days for a message to be spread
that really the event expected on 16-12 was something else, and
command-assist would not activate before 21-12 and maybe even not before
25-12. In the meantime, it was during a weekend, of course everyone
was anxiously waiting for the telemetry signals to be heard on any of
the beacon frequencies, as the command-assist routine was supposed to do.

No wonder that speculation about the fate of AO-40 is going around, and
that so many doom-scenarios are being thought out. It would only be a
matter of politeness towards all the anxious observers to inform them
about an error in the published information as soon as possibe.
All the mechanisms for quick information distribution are in place

nowadays. When they aren't used to distribute factual information,
of course speculation gets distributed instead, and just as quickly.

Perhaps the best would be if all design data (schematics, drawings,
descriptive text, software as far as it is not related to secure command
uplink) would be made available publicly, as suggested elsewhere.
That way outside groups who really want to investigate what might be
going on can do so without bothering the commissioning team, and they
even might find the problem in the process. At least there would no
longer be a reason for so much guessing.

Rob
--
+---------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+---------------------------------+--------------------------------------+

3430. Re: AO-40 keplerian element Set #11

Newsgroup: rec.radio.amateur.space
Date: 2000-12-19 11:15:52 UTC
From: TomR@astro.net
Message-ID: <3a3f4331.31233810@news.idsi.net>
Source record: 7263
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

On Tue, 19 Dec 2000 16:47:09 +1100, "Chris Muir"
<cmuir@startrek.org.nz> wrote:

>
>Dick Carroll <dixie@townsqr.com> wrote in message
>news:91mhs1$j9q$2@208.206.142.100...
>>
>>
>> "Vince Fiscus, KB7ADL" wrote:
>> >
>> > AMSAT-NA's N2WWD provided ANS the following preliminary Keplerian
>> > elements based on a single radar pass. More accurate orbital elements
>> > should follow from NORAD in the near future -- following a second radar
>> > pass that should provide time and geometric distribution of the tracking
>> > data.
>> >
>> > AO-40
>> > 1 26609U 00072B 00352.42798611 .00000000 00000-0 00000-0 0 115
>> > 2 26609 6.3033 237.3129 8126708 194.7923 102.4478 1.27093349 581
>> >
>> > Satellite: AO-40
>> > Catalog number: 26609
>> > Epoch time: 00352.42798611
>> > Element set: 11
>> > Inclination: 6.3033 deg
>> > RA of node: 237.3129 deg
>> > Eccentricity: 0.8126708
>> > Arg of perigee: 194.7923 deg
>> > Mean anomaly: 102.4478 deg
>> > Mean motion: 1.27093349 rev/day
>> > Decay rate: 0.00000e+00 rev/day^2
>> > Epoch rev: 58
>> > Checksum: 266
>> >
>> > Stay tuned to ANS for additional bulletins from AMSAT, the
>> > official source for information on AMSAT OSCAR-40.
>> >
>> > [ANS thanks AMSAT-NA and AMSAT-DL for this information]
>>
>>
>> What, they recusitated it?
>
>

>No, just detected it with NORAD radar. They say it is in one piece - this
>puts the disintegration theory to rest.
>
>Next step is to wait to Dec 21st and Dec 25th for possible automatic
>reactivation. After that they consider using the rest command (but they dont
>want to be hurried into trying that till they have given the on-board
>time-outs a chance to work.
>
>Chris Muir ZL1BOE

It was supposed to auto re-set on the 16th, didn't happen. They will
do a hard re-set as a last resort they said.

Tom - KB2SMS

3431. Re: Is AO-40 insured?

Newsgroup: rec.radio.amateur.space
Date: 2000-12-19 12:49:57 UTC
From: dreinhart@iris.com
Message-ID: <91nlhl$dm5$1@localhost.localdomain>
Source record: 7265

No, it's not insured. I don't think any amateur satellite ever has been. The cost of launch insurance is so high that it equals a substatinal portion (50% or more) of the material value of the satellite that it isn't economically feasible or viable. I don't think anybody writes insurance on satellite operational losses, anyway; only on launches and this problem can hardly be considered a launch event.

David Reinhart, WA6ILT

3432. Re: AO40 and Lower Tech Sats

Newsgroup: rec.radio.amateur.space
Date: 2000-12-19 13:26:07 UTC
From: rrlanders2@my-deja.com
Message-ID: <91nnla$o8a$1@nnrp1.deja.com>
Source record: 7266

Well for my 2 cents....

I had tons of fun with RS-10/11 and later RS-12/13. I would like
to see another Mode A bird - I haven't heard RS-15 in quite awhile,
and when it was on, it was very, very weak. However I don't think
(correct me if I'm wrong) that Mode A is part of AO-40...

While there are many LEO birds, those are digital ones or FM. Don't have
the digital equipment, nor the antenna to make the FM birds work for me.
Hence my desire for a Mode A linear translator.

Guess we'll wait for AO-40....or it's obituary

73, Rod

Sent via Deja.com
http://www.deja.com/

3433. Re: AO40 and Lower Tech Sats

Newsgroup: rec.radio.amateur.space
Date: 2000-12-19 16:50:14 UTC
From: Mike Merk <mmerk@scott.net>
Message-ID: <alM%5.89053$iy3.20618734@news1.rdc1.tn.home.com>
Source record: 7267

My feeling is that anyone who has ever gotten any satisfaction from RS10/11 would be absolutely ecstatic about operating a Satellitle like AO-13 during it's best days. I've been licensed for 42 years and I look upon that experience as one of the most rewarding. It provided ecxiting DX opportunities along with predictable scheduling for for ragchews between amateurs in almost every corner of the world. How about some simple AO-13 style birds with enough redundency to provide long term fun using 2m through 2.4GHz?

Mike Merk - W4ALA
w4ala@scott.net

"J. Duffy Beischel" <duffyb01@fuse.net> wrote in message
news:t3s185oj46dt9b@corp.supernews.com...
> Looks like we may have put all our eggs into one basket and the basket may
> be gone. I cannot understand why AMSAT will not build cheaper sats that
can
> be more easily used by a majority of hams (2 up and 10 down). Sats that
use
> all these SHF frequencies are just not in reach of Joe six pack ham. They
> take too long to build and when they fail, it is a major disaster for the
> ham community. I'm not saying AO40 is dead yet, I have no idea. But the
> possibility brings about the question of why not more and simplier sats
for
> everyone.
>
>

3434. AO-40 Hard Reset

Newsgroup: rec.radio.amateur.space
Date: 2000-12-19 17:21:34 UTC
From: "3.14159265358979323846264338327 95" <rfspace@yahoo.com>
Message-ID: <yOM%5.2969$88.757585@typhoon.southeast.rr.com>
Source record: 7268

Hi Guys,

Can anyone explain how a hard reset would be triggered. I know this is not information that you want people to know, but is it some sort of really basic receiver that looks for a tone or something similar. It would have to be pretty independent of the main computer so that it is not afected by it's crashes.

Pieter

3435. Re: Is AO-40 insured?

Newsgroup: rec.radio.amateur.space
Date: 2000-12-19 17:46:33 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn93v7no.1el.nomail@linux.pe1chl.ampr.org>
Source record: 7270

dreinhart@iris.com <dreinhart@iris.com> wrote:
>No, it's not insured. I don't think any amateur satellite ever has been.
>The cost of launch insurance is so high that it equals a substatinal
>portion (50% or more) of the material value of the satellite that it isn't
>economically feasible or viable.

AO-10 was insured, wasn't it? That was the first P3 satellite after the
P3A disaster, and there was a launch insurance fund to collect donations to
pay for this insurance.

If I remember well, it even (partly?) payed out because of the collision
with the launch vehicle and not reaching the planned orbit.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

3436. Re: Down Converters

Newsgroup: rec.radio.amateur.space
Date: 2000-12-19 18:18:07 UTC
From: faunt+usenet@panix.com
Message-ID: <mfrofy8ff6o.fsf@panix6.panix.com>
Source record: 7269

SCTV, one of the sources of the 2880, has others,also.
Look at http://www.nitehawk.com/sctv-skycable/2ghzeqpt.htm

73, doug

"3.14159265358979323846264338327 95" <rfspace@yahoo.com> writes:

> Hi Guys,
>
> Most of the MMDS converters that are sold on the internet are very easy to
> modify just like the Drake converters. They all work pretty much the same
> way. There are many vendors that will sell them in quantities of (1) like
> phillips-tech. The important thing is to buy one that is crystal controlled.
> All of the ones that I have seen use the same scheme.
> They use a crystal in the 8.8 MHz range. This crystal is used as a reference
> frequency in the PLL. The PLL is basically a phase/frequency detector with a
> 2.278 GHz VCO. The frequency of the VCO (2.278) is divided by 256 with a
> Fujitsu MB506 (/256) prescaler and it is then compared to the 8.89 MHz
> signal from the crystal oscillator. The error voltage is low pass filtered
> and used to trim the VCO. They all have a low noise input at the 2.5 GHz
> side and some stages of amplification at the IF.
>
> To change the LO frequency to say (2256) which gives you 2400-2256=144 the
> crystal is changed to 8.8125 which is 2256/256. This sets the LO frequency
> where it is needed. If the VCO does not want to go this low then a little
> bit of copper is added to the resonator traces so that it goes down. The
> only other modifications are to the IF circuitry to make sure that it passed
> 144 MHz and the input circuitry to optimize the gain and noise figure.
>
> I have added some links to some pictures on my site below. They show the
> insides of the california amplifier converter that is built-in to the
> parabolic antennas. All of this circuitry is between the reflector and the
> feed.
>
> Pieter Ibelings
> N4IP
>
> http://www.phillips-tech.com/main.asp?page=page7.asp
>
>
> California Amplifier:
>
> http://www.calamp.com/Products/Wireless/MMDS_Video_and_Scrambling/mmds_video
> _and_scrambling.htm
>

> http://ozoni.com/n4ip/DSCN0180.JPG
> http://ozoni.com/n4ip/DSCN0181.JPG
> http://ozoni.com/n4ip/DSCN0182.JPG
> http://ozoni.com/n4ip/DSCN0183.JPG
> http://ozoni.com/n4ip/DSCN0184.JPG
> http://ozoni.com/n4ip/DSCN0185.JPG
> http://ozoni.com/n4ip/DSCN0186.JPG
> http://ozoni.com/n4ip/DSCN0187.JPG

3437. Re: AO40 and Lower Tech Sats

Newsgroup: rec.radio.amateur.space
Date: 2000-12-19 18:41:44 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn93vav8.1el.nomail@linux.pe1chl.ampr.org>
Source record: 7271

rrlanders2@my-deja.com <rrlanders2@my-deja.com> wrote:
>Well for my 2 cents....

>I had tons of fun with RS-10/11 and later RS-12/13. I would like
>to see another Mode A bird - I haven't heard RS-15 in quite awhile,
>and when it was on, it was very, very weak. However I don't think
>(correct me if I'm wrong) that Mode A is part of AO-40...

>While there are many LEO birds, those are digital ones or FM. Don't have
>the digital equipment, nor the antenna to make the FM birds work for me.
>Hence my desire for a Mode A linear translator.

So basically you are saying "please make satellites that match the
equipment I happen to have here"?

To me that is only one grade below "please don't make satellites that
match the equipment that others have"...

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

3438. Re: AO-40 Hard Reset

Newsgroup: rec.radio.amateur.space
Date: 2000-12-19 18:43:12 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn93vb20.1el.nomail@linux.pe1chl.ampr.org>
Source record: 7272

rfspace@yahoo.com <rfspace@yahoo.com> wrote:

>Hi Guys,

>Can anyone explain how a hard reset would be triggered. I know this is not
>information that you want people to know, but is it some sort of really
>basic receiver that looks for a tone or something similar. It would have to
>be pretty independent of the main computer so that it is not afected by it's
>crashes.

Normally this is done by sending a reasonably long code (a sequence of bits
on the command channel, for example). It is not decoded by the computer
but by hardware, e.g. a feedback shift register, or a state machine built
from a PROM.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
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3439. HEARD NA1SS today on 2 meters

Newsgroup: rec.radio.amateur.space
Date: 2000-12-20 01:26:06 UTC
From: Ron <nospam@nospam.com>
Message-ID: <OUT%5.1079$rn6.99564@bgtnsc06-news.ops.worldnet.att.net>
Source record: 7273

Hi,

With all this AO40 stuff going on . We have forgoton about the space station.

I heard the SPACE STATION "NA1SS" CALLING on 145.800 FM this afternoon in New Jersey at
20:59 Z. But I guess the School station they were calling never came back to them.

I have a sample of the signal as an MP3 file.
The file is 456K so it's to big to post here.

Maybe I'll put up at my FTP site.

73
Ron.

3440. Re: AO40 and Lower Tech Sats

Newsgroup: rec.radio.amateur.space
Date: 2000-12-20 01:55:16 UTC
From: scott_evans50@hotmail.com
Message-ID: <91p3i1vqa1@nnrp1.deja.com>
Source record: 7274

In article <91nnla$o8a$1@nnrp1.deja.com>,
rrlanders2@my-deja.com wrote:
> Well for my 2 cents....
>
> I had tons of fun with RS-10/11 and later RS-12/13. I would like
> to see another Mode A bird - I haven't heard RS-15 in quite awhile,
> and when it was on, it was very, very weak. However I don't think
> (correct me if I'm wrong) that Mode A is part of AO-40...
>
> While there are many LEO birds, those are digital ones or FM. Don't
have
> the digital equipment, nor the antenna to make the FM birds work for
me.
> Hence my desire for a Mode A linear translator.
>
> Guess we'll wait for AO-40....or it's obituary
>
> 73, Rod
>
> Sent via Deja.com
> http://www.deja.com/
I also really enjoyed them quite a lot. I had a simple station. An old
Icom 2 meter all mode and crossed diple antenna I built myself and a
Uniden HR-2600 also with a home built crossed dipole. It was a real
kick to work stations as the satellites passed overhead with no worry
about rotors or tracking the pass or any of that, simply adjusting the
2 meter VFO during the pass to keep the 10 meter downlink frequency the
same all the time. I don't understand why the no code tech operators
have a problem with the 10 meter downlink frequency. All your doing is
receiving there and so you would not need to upgrade to operate these
types of satellites. After all, it's not your fault that the satellite
is taking your 2 meter signal and retransmitting it on the 10 meter
band! Maby the big problem is all the money that was spent on equipment
for use with AO40 that might now never be used IF AO40 does not come
back as it could be years before another satellite like AO40 is built.

Sent via Deja.com
http://www.deja.com/

3441. Re: AO40 and Lower Tech Sats

Newsgroup: rec.radio.amateur.space
Date: 2000-12-20 02:03:09 UTC
From: rrlanders2@my-deja.com
Message-ID: <91p40q$69$1@nnrp1.deja.com>
Source record: 7275

In article <slrn93vav8.1el.nomail@linux.pe1chl.ampr.org>,
nomail@rob.knoware.nl (Rob Janssen) wrote:

<snip>

> So basically you are saying "please make satellites that match the
> equipment I happen to have here"?
>
> To me that is only one grade below "please don't make satellites that
> match the equipment that others have"...

No, my desire for a Mode A linear translator in no way a request to
not make satellites for others/other modes.

I don't see a basis for your comment/criticism because of my desire for
a satellite that I can use. You can have AO-40, or the FM birds or the
digital ones, I just have a limited budget and would like a Mode A
bird...

Furthermore, I wouldn't want only Mode A birds because I would like to
try the other modes later when I have some time. I think some of the
other modes are probably "better".

I think you were a little quick to extrapolate and then criticize.

73, Rod

Sent via Deja.com
http://www.deja.com/

3442. Re: Antenna needed for EME??

Newsgroup: rec.radio.amateur.space
Date: 2000-12-20 03:26:31 UTC
From: Scott <ac3a@nospam.net>
Message-ID: <HFV%5.1446$uz1.69034@news1.news.adelphia.net>
Source record: 7276
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.misc,rec.radio.amateur.space

I had exaclty this setup and got into EME after hearing some stations with it. You will be able to copy stations with this type of set up and 200-300 watts. You will not do much better than that. I eventually took my satellite system down to put up an array for EME after the getting a taste of it

Scott

replace email with arrl.net to reply
"Randy Mclean" <rmclean@no_address.com> wrote in message news:328E43C84DBDC892.9329C23FFB05EF93.8CA4612CAA8C1B2D@lp.airnews.net...
> Hello,
> Next summer I am planing on setting up a Satellite station. I intend
> to use the m2 2MCP22(2m 22 element cross polarized yagi) and
> 436CP42UG(440mhz 42 element cross polarized yagi) with the yaesu G-5500
> azimuth/elevation rotator. My question is, how well would this setup
> work for EME, if at all? I've been told that you need array of many
> antennas to work EME, is this true?? Thanks.
>
>
> If you wish to reply via email please use my email address on Qrz.com as
> I do not use my true email address on Usenet for Spam reasons.
>
> --
> 73 de k5drm
> Randy Mclean
>
>
>

3443. AO-40

Newsgroup: rec.radio.amateur.space
Date: 2000-12-20 04:06:01 UTC
From: David Findlay <nedz@bigpond.com>
Message-ID: <2bW%5.162039$e5.130024@newsfeeds.bigpond.com>
Source record: 7277

I was just wondering what the big deal is about AO40. I read a minute ago it isn't working. What was it supposed to do, and what happened?

David

3444. Re: AO-40

Newsgroup: rec.radio.amateur.space
Date: 2000-12-20 07:43:07 UTC
From: zydeco <xxx@xxxx.net>
Message-ID: <XzZ%5.1445$W81.347918@news1.mco>
Source record: 7278

It flew through a radiation belt and cooked the CPU. New rule: Never fly a homemade bird during solar max. Or perhaps had a major engine MF. It is the phase 3d ham radio satellite we put our money on and now it appears to have gone the way of the polar explorer. Big FUBAR.
It is sort of like a big murphy on fieldday only we bet the farm, the ranch and our first born that it would flyNtalk.
de wb5tla k

"David Findlay" <nedz@bigpond.com> wrote in message news:2bW%5.162039$e5.130024@newsfeeds.bigpond.com...
> I was just wondering what the big deal is about AO40. I read a minute ago it
> isn't working. What was it supposed to do, and what happened?
>
> David
>
>

3445. Re: AO40 and Lower Tech Sats

Newsgroup: rec.radio.amateur.space
Date: 2000-12-20 08:54:37 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn940suc.1el.nomail@linux.pe1chl.ampr.org>
Source record: 7279

scott_evans50@hotmail.com <scott_evans50@hotmail.com> wrote:
>I don't understand why the no code tech operators
>have a problem with the 10 meter downlink frequency. All your doing is
>receiving there and so you would not need to upgrade to operate these
>types of satellites.

If you don't understand why it would be a problem for others to start using
another band, then what is *your* problem to do so?
(i.e. why not just start receiving on 13cm?)

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
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3446. Re: AO-40

Newsgroup: rec.radio.amateur.space
Date: 2000-12-20 17:55:12 UTC
From: jimmy john <jj@sandwitch.org>
Message-ID: <4A8A59F2BDCDD311BFC800508BA36AC8061FBB68@www.premiersi.com>
Source record: 7280

Star Trek seems to have led a few people to think launching a spacecraft is a trivial thing. It is not. it is remarkable that anything can be tossed up there and remain functional, let alone return intact.

I give the ARISS teams a LOT of credit for having the guts to try. I think I read where the electronics began development 15 years ago. That is a hell of a lot of hard work and I think it deserves better than "Big FUBAR", (even if meant in jest).

"zydeco" <xxx@xxxx.net> wrote in message
news:XzZ%5.1445$W81.347918@news1.mco...
> It flew through a radiation belt and cooked the CPU. New rule: Never fly a
> homemade bird during solar max. Or perhaps had a major engine MF. It is
the
> phase 3d ham radio satellite we put our money on and now it appears to
have
> gone the way of the polar explorer. Big FUBAR.
> It is sort of like a big murphy on fieldday only we bet the farm, the
ranch
> and our first born that it would flyNtalk.
> de wb5tla k
>
> "David Findlay" <nedz@bigpond.com> wrote in message
> news:2bW%5.162039$e5.130024@newsfeeds.bigpond.com...
> > I was just wondering what the big deal is about AO40. I read a minute
ago
> it
> > isn't working. What was it supposed to do, and what happened?
> >
> > David
> >
> >
>

3447. Re: AO-40

Newsgroup: rec.radio.amateur.space
Date: 2000-12-20 19:01:19 UTC
From: Glenn <glenn.hansen@usa.net>
Message-ID: <3m706.174897$U46.5483889@news1.sttls1.wa.home.com>
Source record: 7281

"jimmy john" <jj@sandwitch.org> wrote in message
news:4A8A59F2BDCDD311BFC800508BA36AC8061FBB68@www.premiersi.com...
> Star Trek seems to have led a few people to think launching a spacecraft
is
> a trivial thing. It is not. it is remarkable that anything can be tossed
> up there and remain functional, let alone return intact.

Considering the ratio of sucess to failures I am no longer impressed.

> I give the ARISS teams a LOT of credit for having the guts to try. I
think
> I read where the electronics began development 15 years ago. That is a
hell
> of a lot of hard work and I think it deserves better than "Big FUBAR",
(even
> if meant in jest).

I would suspect everyone involved feels as if they lost a loved one. Reading the messages you can hear the dissappointment in those that have had no hands on or financial involvement with AO-40. Just imagine if you personally had spent years of your time on this bird. I feel a bit of Happy has faded from their Holidays!

Glenn

>
> "zydeco" <xxx@xxxx.net> wrote in message
> news:XzZ%5.1445$W81.347918@news1.mco...
> > It flew through a radiation belt and cooked the CPU. New rule: Never fly
a
> > homemade bird during solar max. Or perhaps had a major engine MF. It is
> the
> > phase 3d ham radio satellite we put our money on and now it appears to
> have
> > gone the way of the polar explorer. Big FUBAR.
> > It is sort of like a big murphy on fieldday only we bet the farm, the
> ranch
> > and our first born that it would flyNtalk.
> > de wb5tla k
> >
> > "David Findlay" <nedz@bigpond.com> wrote in message
> > news:2bW%5.162039$e5.130024@newsfeeds.bigpond.com...
> > > I was just wondering what the big deal is about AO40. I read a minute
> ago
> > it
> > > isn't working. What was it supposed to do, and what happened?

> > >
> > > David
> > >
> > >
> >
>
>

3448. Re: AO40 and Lower Tech Sats

Newsgroup: rec.radio.amateur.space
Date: 2000-12-20 19:21:04 UTC
From: rheticus <ed@doofpot.nl>
Message-ID: <Oy706.42789$fy2.2880147@news.soneraplaza.nl>
Source record: 7282

"Rob Janssen" <nomail@rob.knoware.nl> wrote in message
news:slrn940suc.1el.nomail@linux.pe1chl.ampr.org...
> scott_evans50@hotmail.com <scott_evans50@hotmail.com> wrote:
> >I don't understand why the no code tech operators
> >have a problem with the 10 meter downlink frequency. All your doing is
> >receiving there and so you would not need to upgrade to operate these
> >types of satellites.
>
> If you don't understand why it would be a problem for others to start
using
> another band, then what is *your* problem to do so?
> (i.e. why not just start receiving on 13cm?)
>

Rob,

Any tips for a nice (low costly) kit for 13 cm
(may be done in dutch btw)

73 de PE5ED

3449. AO 40 is still in one piece.

Newsgroup: rec.radio.amateur.space
Date: 2000-12-20 19:45:53 UTC
From: Drew Wilson <Drew@metuk.net>
Message-ID: <Y%706.85746$R77.5907072@nnrp4.clara.net>
Source record: 7283

Good news

NORAD have confirmed that A0-40 is still in one piece and is being actively tracked.

So who ever started telling tales that the bird blew up can eat his words!

I am very optimistic the computer crash will be rectified.

Whooo!!

--
Regards

Drew
GM0BRJ

E-Mail to me at: Drew@metuk.net
kilimax@bigfoot.com

For the latest UK & US Weather, visit :
http://www.metuk.net

3450. AO-40 element set #12 (NORAD)

Newsgroup: rec.radio.amateur.space
Date: 2000-12-20 21:14:57 UTC
From: vlfiscus@mcn.net
Message-ID: <t428aheelnnc37@news.supernews.com>
Source record: 7284
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

Provided by Ken Ernandes, N2WWD

NORAD / Space Command determined an accurate set of Keplerian elements for AMSAT OSCAR 40 using tracking data from their radars at Eglin AFB, FL and the Kwajalein atoll. The tracking data has good time and geometric dispersion, yielding high quality Keplerian elements. Thus the following Keps supersede previous estimates:

AO-40
1 26609U 00072B 00354.78150463 .00000000 00000-0 00000-0 0 124
2 26609 6.2479 237.0656 8128421 195.4843 97.8395 1.26834511 611

Satellite: AO-40
Catalog number: 26609
Epoch time: 00354.78150463
Element set: 12
Inclination: 6.2479 deg
RA of node: 237.0656 deg
Eccentricity: 0.8128421
Arg of perigee: 195.4843 deg
Mean anomaly: 97.8395 deg
Mean motion: 1.26834511 rev/day
Decay rate: 0.00000e+00 rev/day^2
Epoch rev: 61
Checksum: 275

Keeping fingers crossed, 73 de KB7ADL

3451. Re: AO40 and Lower Tech Sats

Newsgroup: rec.radio.amateur.space
Date: 2000-12-20 21:15:41 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9428bs.1el.nomail@linux.pe1chl.ampr.org>
Source record: 7286

rheticus <ed@doofpot.nl> wrote:

>Any tips for a nice (low costly) kit for 13 cm

There is a lowcost kit available somewhere in the UK. Use a seach engine.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

3452. Re: AO-40

Newsgroup: rec.radio.amateur.space
Date: 2000-12-20 22:45:55 UTC
From: Sean Baxter <NOSPAMsbaxter@gte.net>
Message-ID: <DEa06.2303$Qj5.258254@dfiatx1-snr1.gtei.net>
Source record: 7285

Glenn:

I agree with your post.

AMSAT's news bulletin (12/13/2000) indicated that the memory was getting corrupted on one of the AO-40 computers (and thus crashing) because of solar radiation. It seems that the amount of solar radiation AO-40 would have encountered should have been known and thus appropriate shielding installed.

If the hard reset of AO-40 does not work it will be a great loss for amateur radio. AO-40 had a design life span of 10 years. I suspect that over the 10 years millions of dollars of vhf/uhf/microwave gear would have been bought by amateurs world wide. For myself I was looking forward to assembling a portable L/S mode station (1.2 Ghz up 2.4 Ghz down). I bet Kenwood/Yaesu/Icom had new satellite radios on the design board because of AO-40. Cool portable microwave stuff we will never see.

It would have been nice to have AO-40 running in 5 years at the bottom of the next Sun cycle.

Oh well, too bad.
Sean - K3XT

Glenn <glenn.hansen@usa.net> wrote in message
news:3m706.174897$U46.5483889@news1.sttls1.wa.home.com...
>
> "jimmy john" <jj@sandwitch.org> wrote in message
> news:4A8A59F2BDCDD311BFC800508BA36AC8061FBB68@www.premiersi.com...
> > Star Trek seems to have led a few people to think launching a spacecraft
> is
> > a trivial thing. It is not. it is remarkable that anything can be
tossed
> > up there and remain functional, let alone return intact.
>
> Considering the ratio of sucess to failures I am no longer impressed.
>
> > I give the ARISS teams a LOT of credit for having the guts to try. I
> think
> > I read where the electronics began development 15 years ago. That is a
> hell
> > of a lot of hard work and I think it deserves better than "Big FUBAR",
> (even
> > if meant in jest).
>
> I would suspect everyone involved feels as if they lost a loved one.
Reading

> the messages you can hear the dissappointment in those that have had no
> hands on or financial involvement with AO-40. Just imagine if you
personally
> had spent years of your time on this bird. I feel a bit of Happy has faded
> from their Holidays!
>
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>
> Glenn
>
>
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> >
> > "zydeco" <xxx@xxxx.net> wrote in message
> > news:XzZ%5.1445$W81.347918@news1.mco...
> > > It flew through a radiation belt and cooked the CPU. New rule: Never
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> a
> > > homemade bird during solar max. Or perhaps had a major engine MF. It
is
> > the
> > > phase 3d ham radio satellite we put our money on and now it appears to
> > have
> > > gone the way of the polar explorer. Big FUBAR.
> > > It is sort of like a big murphy on fieldday only we bet the farm, the
> > ranch
> > > and our first born that it would flyNtalk.
> > > de wb5tla k
> > >
> > > "David Findlay" <nedz@bigpond.com> wrote in message
> > > news:2bW%5.162039$e5.130024@newsfeeds.bigpond.com...
> > > > I was just wondering what the big deal is about AO40. I read a
minute
> > ago
> > > it
> > > > isn't working. What was it supposed to do, and what happened?
> > > >
> > > > David
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3453. Re: AO-40

Newsgroup: rec.radio.amateur.space
Date: 2000-12-20 23:15:46 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn942fd2.1el.nomail@linux.pe1chl.ampr.org>
Source record: 7287

Sean Baxter <NOSPAMsbaxter@gte.net> wrote:
>I agree with your post.

>AMSAT's news bulletin (12/13/2000) indicated that the memory was getting
>corrupted on one of the AO-40 computers (and thus crashing) because of solar
>radiation. It seems that the amount of solar radiation AO-40 would have
>encountered should have been known and thus appropriate shielding installed.

Probably you should have invented appropriate shielding and offered AMSAT
the license to use it on their satellite!

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

3454. Re: AO40 and Lower Tech Sats

Newsgroup: rec.radio.amateur.space
Date: 2000-12-21 00:17:44 UTC
From: "J. Duffy Beischel" <duffyb01@fuse.net>
Message-ID: <t42j084vpk949a@corp.supernews.com>
Source record: 7288

Thanks for your comments Rob. While you do not have to agree with them, your comments should not assume that I am a totally ignorant "appliance" operator. Other amateurs can view my sarcastic comments in reply. They are interlaced between Rob's comments.

Rob Janssen <nomail@rob.knoware.nl> wrote in message news:slrn93s2d1.1el.nomail@linux.pe1chl.ampr.org...
> There already are *many* simple and cheap satellites. How do you think the
> numbering got up to 40? And then I am not even mentioning the RS series.

No kidding, and I thought the number 40 was a random assignment. So does that mean the other 39 sats are still operational? Duh, no! That's why we need sats to replace those that are no longer functioning.

> Why not try to make a somewhat more complicated satellite once in a while?

I have no problem building more complicated sats, provided that can be successfully built, successfully launched, and work for a reasonable time after they are launched. Also, time and cost are a big consideration here. Cheaper and faster is better so to speak.

> Do you think only appliance operators should be using satellites and there
> should be nothing for those who want to experiment, e.g. at SHF frequencies?

Experiment? Have at it. I support you 100% in your quest to do so. Now, I don't know what experiments you tend to conduct that have not already been conducted by private industry and the government sector with all their vast financial resources, but knock yourself out. But let's not forget all the applicance operators that just want to have a little fun communicating economically with the simple sats. Now, where is the power button on my rig? Hmmm can't find it...I wonder what that CW button is for......

> And why don't you consider that other amateurs may not like the use of
> low frequencies because they have a lot of QRM or have no place to put up
> the large antennas needed at those frequencies?

Exactly! So now they want to put up arrays of VHF, UHF and SHF beams high enough that they are over the surrounding tree line. So if they can't put up an HF vertical, how the hell are they going to erect small beams on towers? Hmmm? You know the mode A sats could usually be worked with a 2 meter antenna in the atic, 20 watts of power and receive the downlink signal on 10 with a ground mounted vertical. You can't get much more simpler than that. Now what end of that antenna does this coax thingee go into? I guess I can use that old car radio antenna on this rig, right?

> Don't you think they should be allowed to use a satellite using only a
> couple of small helices?

Sure, if they want to. I don't want to stop anyone.

> It looks like you are only taking your own situation (apparently owning a
> HF and 2M transceiver) into account, and conclude that must be the
> reference for "the majority of hams". Don't forget that there are many

Oh, nice insult. Facts are that I have more rigs than God (He told me so, and said He wishes He also had an Omni 6+). They cover every band from 160 meters to 1.2 Gig. So yes, I obviously own an HF rig and one of those (breaker, breaker) two meter rigs. Is it too much to ask for simple sats that can be successfully launched and work once they are in orbit?

> hams that have no HF license and hence no reason to buy equipment for HF.

Yeah, I guess so, as that blazing speed CW exam at 5 WPM is going to keep a lot of would be hams from upgrading. So I see your point.

> For them, a 10m downlink is just as complicated as a 13cm downlink is for
> you: they have to build or buy a converter and antenna.

Do you really believe what you just said? A 10 meter receiver is just as complicated as a 13cm downlink? Come on Rob, I did not fall off the tower yesterday.

Does the "AMSAT" in your e-mail address mean that you are going to support anything and everything they do, even if it is not smart or correct?

Merry Christmas to all and to all a Good Night!

Duffy

>
> Rob
> --
> +---------------------------------+--------------------------------------+
> | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
> | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
> +---------------------------------+--------------------------------------+

3455. Re: AO40 and Lower Tech Sats

Newsgroup: rec.radio.amateur.space
Date: 2000-12-21 00:20:33 UTC
From: "J. Duffy Beischel" <duffyb01@fuse.net>
Message-ID: <t42j5uj9miklef@corp.supernews.com>
Source record: 7289

Great idea Mike, I could not agree more. We've got to keep it simpler and cheaper. Launching birds that take forever to build, cost millions of dollars and then blow up right after launch or stop working within a few weeks, isn't doing anyone any good.

Regards,

Duffy
Mike Merk <mmerk@scott.net> wrote in message
news:alM%5.89053$iy3.20618734@news1.rdc1.tn.home.com...
> My feeling is that anyone who has ever gotten any satisfaction from
RS10/11
> would be absolutely ecstatic about operating a Satellitle like AO-13
during
> it's best days. I've been licensed for 42 years and I look upon that
> experience as one of the most rewarding. It provided ecxiting DX
> opportunities along with predictable scheduling for for ragchews between
> amateurs in almost every corner of the world. How about some simple AO-13
> style birds with enough redundency to provide long term fun using 2m
through
> 2.4GHz?
>
> Mike Merk - W4ALA
> w4ala@scott.net
>
> "J. Duffy Beischel" <duffyb01@fuse.net> wrote in message
> news:t3s185oj46dt9b@corp.supernews.com...
> > Looks like we may have put all our eggs into one basket and the basket
may
> > be gone. I cannot understand why AMSAT will not build cheaper sats that
> can
> > be more easily used by a majority of hams (2 up and 10 down). Sats that
> use
> > all these SHF frequencies are just not in reach of Joe six pack ham.
They
> > take too long to build and when they fail, it is a major disaster for
the
> > ham community. I'm not saying AO40 is dead yet, I have no idea. But
the
> > possibility brings about the question of why not more and simplier sats
> for
> > everyone.
> >
> >
>

>

3456. Re: AO 40 is still in one piece.

Newsgroup: rec.radio.amateur.space
Date: 2000-12-21 03:59:02 UTC
From: AnonMn@netscape.net
Message-ID: <3a417de1.653328138@news>
Source record: 7290

AO-40 did use radiation hardened IC's because of the lesson learned from AO-10 (which still works pretty well after being fried many years ago.) Since AO-40 is still in one piece, it should be possible to get at least part of the system working.

Congratulations on the launch AMSAT! Keeping my fingers crossed for a successful reboot.

Ken K5MBV

3457. Re: AO-40

Newsgroup: rec.radio.amateur.space
Date: 2000-12-21 08:25:17 UTC
From: hamish@cloud.net.au
Message-ID: <N7j06.18578$Xx3.79986@news1.eburwd1.vic.optushome.com.au>
Source record: 7291

Sean Baxter <NOSPAMsbaxter@gte.net> wrote:
> AMSAT's news bulletin (12/13/2000) indicated that the memory was getting
> corrupted on one of the AO-40 computers (and thus crashing) because of solar
> radiation. It seems that the amount of solar radiation AO-40 would have
> encountered should have been known and thus appropriate shielding installed.

Unfortunately you have a few of your facts crossed. The IHU-2
(internal housekeeping unit 2) contains some unprotected memory.
However, the IHU-2 was not intended to be mission critical. It
does contain some protected memory as well (I think radiation
hardened, with error correction) as well as some flash ROM.
The IHU-1, which is the main computer, is mission critical,
and has protected memory.

Since the standard telemetry beacon is on 70cm, and not currently
working, the IHU-2 has been repeating the data onto its 2m transmitter.
When the IHU-2 crashes, which it does because the repeater program
is in unprotected memory for convenience, it stops working. The
IHU-2 just needs to be reprogrammed in this case; the IHU-1 is
still working.

So, in short, there is sufficient shielding on all of the
mission critical components.

Hamish
--
Hamish Moffatt VK3SB <hamish@debian.org> <hamish@cloud.net.au>

3458. Re: AO40 and Lower Tech Sats

Newsgroup: rec.radio.amateur.space
Date: 2000-12-21 10:31:59 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn943n0v.1el.nomail@linux.pe1chl.ampr.org>
Source record: 7292

J. Duffy Beischel <duffyb01@fuse.net> wrote:
>No kidding, and I thought the number 40 was a random assignment. So does
>that mean the other 39 sats are still operational? Duh, no! That's why we
>need sats to replace those that are no longer functioning.

There are still *many* satellites operational. You seem to treat them like
sixpacks of beer that should always be in stock so you can never run out of
them... In reality, there has been a long time they were launched one by
one and you did not have 15 operational ones to choose from.

>> Why not try to make a somewhat more complicated satellite once in a while?

>I have no problem building more complicated sats, provided that can be
>successfully built, successfully launched, and work for a reasonable time
>after they are launched. Also, time and cost are a big consideration here.
>Cheaper and faster is better so to speak.

Only if you forget to consider the whole picture. All those cheaper
satellites are in a low earth orbit, and cannot be reasonably compared to
the Phase 3 sats, in range or convenience of use.

>> And why don't you consider that other amateurs may not like the use of
>> low frequencies because they have a lot of QRM or have no place to put up
>> the large antennas needed at those frequencies?

>Exactly! So now they want to put up arrays of VHF, UHF and SHF beams high
>enough that they are over the surrounding tree line. So if they can't put
>up an HF vertical, how the hell are they going to erect small beams on
>towers? Hmmm?

Phase 3D can easily be worked with a couple of small helices attached
to an appartment building balcony. With LEO sats this is inpractical
because you need to see most of the sky not to cut back on the already
short pass times.

>> Don't you think they should be allowed to use a satellite using only a
>> couple of small helices?

>Sure, if they want to. I don't want to stop anyone.

What you and many others seem to forget is that radio amateurs cannot just
put up any satellites they would like to have. A couple of cheap LEO's,
a Phase 3 bird, a constellation of 3 geostationary sats with interlinks,
there are many things we would like to have.
But when you say "spend the money on a couple of simple sats" you are
essentially saying "forget about more complicated ones".

A choice has to be made. And in the current situation, I don't consider it so bad that AMSAT focusses on more hightech sats, because there are a lot of other organisations (schools, universities etc) that are going to build microsats anyway and will make them available to amateur radio. (that is how we got this huge number of small satellites over the past couple of years)

Maybe not with the MODE-A transponder you would like, but with a lot of other interesting experiments. When you want a MODE-A transponder, maybe you should talk to such a group instead of to AMSAT.

>> It looks like you are only taking your own situation (apparently owning a
>> HF and 2M transceiver) into account, and conclude that must be the
>> reference for "the majority of hams". Don't forget that there are many

>Oh, nice insult. Facts are that I have more rigs than God (He told me so,
>and said He wishes He also had an Omni 6+). They cover every band from 160
>meters to 1.2 Gig. So yes, I obviously own an HF rig and one of those
>(breaker, breaker) two meter rigs. Is it too much to ask for simple sats
>that can be successfully launched and work once they are in orbit?

Please indicate the relation between simple satellites that work and the use of low-frequency bands. Why can't a UHF-SHF satellite work? It could even be simple, simpler than P3D is now. Part of the reason P3D got so complicated is that amateurs apparently can't live with a simple UL/S transponder and want inputs and outputs on all possible bands. Originally it even had a 10m downlink, but apparently that was scrapped.

>> hams that have no HF license and hence no reason to buy equipment for HF.

>Yeah, I guess so, as that blazing speed CW exam at 5 WPM is going to keep a
>lot of would be hams from upgrading. So I see your point.

Here you are again considering only your own situation!
There is no 5 WPM license in this country, and the 8 WPM license does only give access to small segments of HF bands. A full HF band license requires 12 WPM. There are many more VHF+ licencees here than all-band licencees.

>> For them, a 10m downlink is just as complicated as a 13cm downlink is for
>> you: they have to build or buy a converter and antenna.

>Do you really believe what you just said? A 10 meter receiver is just as
>complicated as a 13cm downlink? Come on Rob, I did not fall off the tower
>yesterday.

For someone who does not own a 10 meter receiver, a converter must be built to a band he owns a receiver for. When you want to uplink on 2 meter, that will probably be 70 cm. A converter from 10 meter to 70 cm is not much simpler than a 13 cm to 2m or 70 cm converter, using modern parts. Certainly not when you can use a surplus S-band converter.

>Does the "AMSAT" in your e-mail address mean that you are going to support
>anything and everything they do, even if it is not smart or correct?

No. But I do back their standpoint that it is not smart to keep building MODE-A transponders just because they are so easy to operate with HF band equipment.

>Merry Christmas to all and to all a Good Night!

Same to you.

Rob
--
+--------------------------------+-------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+-------------------------------------+

3459. Re: AO40 and Lower Tech Sats

Newsgroup: rec.radio.amateur.space
Date: 2000-12-21 13:25:36 UTC
From: rrlanders2@my-deja.com
Message-ID: <91t0cc$2cd$1@nnrp1.deja.com>
Source record: 7293

In article <slrn943n0v.1el.nomail@linux.pe1chl.ampr.org>,
nomail@rob.knoware.nl (Rob Janssen) wrote:
> There are still *many* satellites operational. You seem to treat
them like
> sixpacks of beer that should always be in stock so you can never run
out of
> them... In reality, there has been a long time they were launched
one by
> one and you did not have 15 operational ones to choose from.

Mode A birds ? only 1 RS-12/13 that I know of - and it's reaching
the end of it's life (10 years this February). It's in either mode
K or Mode T now. Many of the others require specialized equipment that
for budgetary reasons excludes many people...Unless that's the
point...

> Only if you forget to consider the whole picture. All those cheaper
> satellites are in a low earth orbit, and cannot be reasonably
compared to
> the Phase 3 sats, in range or convenience of use.

So AO-10 and the late AO-13 are/were easier to use ? Huh ? maybe if
you have several kilobucks to spend putting up specialied antennas,
rotors, and radios.

> Phase 3D can easily be worked with a couple of small helices attached
> to an appartment building balcony. With LEO sats this is inpractical
> because you need to see most of the sky not to cut back on the already
> short pass times.

Phase 3D cannot be worked at all, nor has this been proven. I've heard
this kind of trash from AMSAT before about how easy one can
work a satellite (FM sats with a rubber ducky). Yes, in theory that
can happen. Reality is that everyone with a 2m/440 radio tries this
and you can't get in. Yes I'm sure some people have gotten in
occasionaly, but the probability is low that any one person will get in.

> A choice has to be made. And in the current situation, I don't
consider
> it so bad that AMSAT focusses on more hightech sats, because there are
> a lot of other organisations (schools, universities etc) that are
going
> to build microsats anyway and will make them available to amateur
radio.
> (that is how we got this huge number of small satellites over the past
> couple of years)

Most of the those satellites are downlink only ones. Real exiting...

> Maybe not with the MODE-A transponder you would like, but with a lot of other interesting experiments. When you want a MODE-A transponder, maybe you should talk to such a group instead of to AMSAT.

Wish I knew who to talk to. I did drop my AMSAT membership years ago because of this bias.

> Please indicate the relation between simple satellites that work and the use of low-frequency bands.

The relationship is that using a 10 meter downlink is that most hams have an HF radio. Even a shortwave radio with a wire antenna works. Very cheap. The only think you need is a 2 meter transmitter - say like an old Ameco 6n2 50 watt one. The point is that now satellite stuff is within the reach of more people.

Why can't a UHF-SHF satellite work? It could even be simple, simpler than P3D is now. Part of the reason P3D got so complicated is that amateurs apparently can't live with a simple UL/S transponder and want inputs and outputs on all possible bands. Originally it even had a 10m downlink, but apparently that was scrapped.

For someone who does not own a 10 meter receiver, a converter must be built to a band he owns a receiver for. When you want to uplink on 2 meter, that will probably be 70 cm. A converter from 10 meter to 70 cm is not much simpler than a 13 cm to 2m or 70 cm converter, using modern parts. Certainly not when you can use a surplus S-band converter.

I think a 10 meter receiver (even a shortwave set) + antenna can be acquired cheaper and setup easier than that a surplus mode S-band converter.

> No. But I do back their standpoint that it is not smart to keep building MODE-A transponders just because they are so easy to operate with HF band equipment.

It's probably not smart for a Mode A transponder for a Phase 3D satellite with it's highly eliptical orbit. But it makes sense for LEO satellites.

Anyway, I hope AO-40 comes back. Maybe I'll have some bucks saved
for new equipment to work it...

73, Rod

Sent via Deja.com
http://www.deja.com/

3460. Re: Is the ISS still using 143.6250

Newsgroup: rec.radio.amateur.space
Date: 2000-12-21 15:43:11 UTC
From: Pervert_Extraordinaire <valued_customer1@att.com>
Message-ID: <3A424F45.8B855098@att.com>
Source record: 7294

Peter Hodgson wrote:
>
> Your scaner should be OK. The Slow Scan TV from MIR was un 2m FM
> the ISS will be the same. If you had access to SSB gear you could test the hardware
> ahead of time.
>
> Take a look at http://www.siliconpixels.com/

Thanks Pete. Looks like I've got some homework to do. ;-)

3461. Re: AO40 and Lower Tech Sats

Newsgroup: rec.radio.amateur.space
Date: 2000-12-21 16:42:43 UTC
From: "J. Duffy Beischel" <duffyb01@fuse.net>
Message-ID: <t44cn22clr40dd@corp.supernews.com>
Source record: 7295

Rob,

You convinced me to not support AMSAT any longer and that I did make the wise decision to drop my membership. You folks want to do what only interest you and you fellow hams. So, go ahead and launch your sats, I hope they work and you all have fun. I guess the rest of us can find a way to support the Russians. They seem to know how to build 'em fast and cheap and within reach of the average Joe-Six-Pack-Ham. They also listen much better than AMSAT and try not to put words in our mouths that just aren't there. You can't see the forest for the trees my friend.

Regards,

Duffy
<rrlanders2@my-deja.com> wrote in message
news:91t0cc$2cd$1@nnrp1.deja.com...
> In article <slrn943n0v.1el.nomail@linux.pe1chl.ampr.org>,
> nomail@rob.knoware.nl (Rob Janssen) wrote:
> > There are still *many* satellites operational. You seem to treat
> them like
> > sixpacks of beer that should always be in stock so you can never run
> out of
> > them... In reality, there has been a long time they were launched
> one by
> > one and you did not have 15 operational ones to choose from.
>
> Mode A birds ? only 1 RS-12/13 that I know of - and it's reaching
> the end of it's life (10 years this February). It's in either mode
> K or Mode T now. Many of the others require specialized equipment that
> for budgetary reasons excludes many people...Unless that's the
> point...
>
> > Only if you forget to consider the whole picture. All those cheaper
> > satellites are in a low earth orbit, and cannot be reasonably
> compared to
> > the Phase 3 sats, in range or convenience of use.
>
> So AO-10 and the late AO-13 are/were easier to use ? Huh ? maybe if
> you have several kilobucks to spend putting up specialied antennas,
> rotors, and radios.
>
> > Phase 3D can easily be worked with a couple of small helices attached
> > to an appartment building balcony. With LEO sats this is inpractical
> > because you need to see most of the sky not to cut back on the already
> > short pass times.

>
> Phase 3D cannot be worked at all, nor has this been proven. I've heard
> this kind of trash from AMSAT before about how easy one can
> work a satellite (FM sats with a rubber ducky). Yes, in theory that
> can happen. Reality is that everyone with a 2m/440 radio tries this
> and you can't get in. Yes I'm sure some people have gotten in
> occasionaly, but the probability is low that any one person will get in.
>
> > A choice has to be made. And in the current situation, I don't
> consider
> > it so bad that AMSAT focusses on more hightech sats, because there are
> > a lot of other organisations (schools, universities etc) that are
> going
> > to build microsats anyway and will make them available to amateur
> radio.
> > (that is how we got this huge number of small satellites over the past
> > couple of years)
>
> Most of the those satellites are downlink only ones. Real exiting...
>
> >
> > Maybe not with the MODE-A transponder you would like, but with a lot
> of
> > other interesting experiments. When you want a MODE-A transponder,
> maybe
> > you should talk to such a group instead of to AMSAT.
>
> Wish I knew who to talk to. I did drop my AMSAT membership years ago
> because of this bias.
>
> > Please indicate the relation between simple satellites that work and
> the
> > use of low-frequency bands.
>
> The relationship is that using a 10 meter downlink is that most hams
> have an HF radio. Even a shortwave radio with a wire antenna works.
> Very cheap. The only think you need is a 2 meter transmitter - say like
> an old Ameco 6n2 50 watt one. The point is that now satellite stuff
> is within the reach of more people.
>
> Why can't a UHF-SHF satellite work? It could
> > even be simple, simpler than P3D is now. Part of the reason P3D got
> so
> > complicated is that amateurs apparently can't live with a simple UL/S
> > transponder and want inputs and outputs on all possible bands.
> Originally
> > it even had a 10m downlink, but apparently that was scrapped.
> >
> >
> > For someone who does not own a 10 meter receiver, a converter must be

> > built to a band he owns a receiver for. When you want to uplink on 2
> > meter, that will probably be 70 cm. A converter from 10 meter to 70
> cm
> > is not much simpler than a 13 cm to 2m or 70 cm converter, using
> modern
> > parts. Certainly not when you can use a surplus S-band converter.
>
> I think a 10 meter receiver (even a shortwave set) + antenna can be
> acquired cheaper and setup easier than that a surplus mode S-band
> converter.
>
> > No. But I do back their standpoint that it is not smart to keep
> building
> > MODE-A transponders just because they are so easy to operate with HF
> band
> > equipment.
>
> It's probably not smart for a Mode A transponder for a Phase 3D
> satellite with it's highly eliptical orbit. But it makes sense for LEO
> satellites.
>
> Anyway, I hope AO-40 comes back. Maybe I'll have some bucks saved
> for new equipment to work it...
>
> 73, Rod
>
>
> Sent via Deja.com
> http://www.deja.com/

3462. Re: AO40 and Lower Tech Sats

Newsgroup: rec.radio.amateur.space
Date: 2000-12-21 17:27:21 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn944fbp.1el.nomail@linux.pe1chl.ampr.org>
Source record: 7203

J. Duffy Beischel <duffyb01@fuse.net> wrote:
>Rob,

>You convinced me to not support AMSAT any longer and that I did make the
>wise decision to drop my membership. You folks want to do what only
>interest you and you fellow hams.

Do you think "I am AMSAT"? Just because I have an @amsat.org address?
You are mis-informed. amsat.org addresses are available for any ham,
not just Amsat members, and certainly not only for Amsat board members.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
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3463. Control-Alt-Delete

Newsgroup: rec.radio.amateur.space
Date: 2000-12-21 18:01:22 UTC
From: vinvent@aol.com
Message-ID: <20001221130122.12081.00003090@ng-mn1.aol.com>
Source record: 7296

Face it, A0-40 is gone. People didn't want to let Elvis go either. Just like there are Elvis sightings, there are now AO-40 sightings. It's time for a command station to issue AO-40 a ctrl-alt-del to confirmed death so we can all move on with other things and end all this blind hope.

3464. Re: AO-40

Newsgroup: rec.radio.amateur.space
Date: 2000-12-21 18:11:08 UTC
From: dreinhart@iris.com
Message-ID: <91th3s$l9h$1@localhost.localdomain>
Source record: 7297

If you had bothered to read the information that has been published about AO-40 you would know that the IHU-1 is radiation hardened. The IHU-2, which is an experiment and *not* an essential system, is not. IHU-2 is not required to operate the spacecraft and the additional expense of making radiation hard could not be justified. It was IHU-2 which was crashing when passing through the radiation belts.

That a radiation hardened IHU can be an extremely reliable device has been proven many times. AO-13 operated reliably for years, for example.

3465. Re: Control-Alt-Delete

Newsgroup: rec.radio.amateur.space
Date: 2000-12-21 18:16:12 UTC
From: dreinhart@iris.com
Message-ID: <91thdc$l9h$2@localhost.localdomain>
Source record: 7298

Oh, and how many satellites have you controlled?

AO-10's command team worked long and hard before giving up, and I think the effort really ended ony after ArianeSpace admitted their booster had hit our satellite at separation. That was a month or so.

And no, I haven't controlled any satellites either. That's why I'm not second-guessing the people who have.

David Reinhart
WA6ILT

3466. Re: insurance

Newsgroup: rec.radio.amateur.space
Date: 2000-12-21 18:56:50 UTC
From: raysoifer@cs.com
Message-ID: <20001221135650.08901.00005301@ng-ca1.news.cs.com>
Source record: 7199

Rob's memory is correct: AO-10 and AO-13 both had launch insurance, which covered the launch but not the satellite's operation. If AO-40 had had such a policy, it would not have paid because the launch itself was successful. However, AO-40 is a much more expensive bird than those were, and the satellite's owner (AMSAT-DL), after investigating fully, decided that insurance would be prohibitively expensive.

73, Ray, W2RS
w2rs@amsat.org

3467. An Idea outside the box

Newsgroup: rec.radio.amateur.space
Date: 2000-12-21 20:57:01 UTC
From: zydeco <xxx@xxxx.net>
Message-ID: <vgu06.292$He.16680@news3.mco>
Source record: 7201

Hello
What would happen if we went down to Radio shack, bought a RS repeater controller, HT, a few solar panels and some nicad batteries. Put all of it in a coffee can. We would bribe a member of the STS team to put it on board the shuttle. Just kick the damn thing out the door. Vola' AO-41. Total cost outlay $500 plus minus bribe. Why not?? We do the same thing with high altitude balloons. I have used the same set up in the Rockies as a impromptu repeater covering a 200 mile radius.
de wb5tla k

3468. AO-40 IHU's

Newsgroup: rec.radio.amateur.space
Date: 2000-12-21 22:37:09 UTC
From: Chris Muir <cmuir@startrek.org.nz>
Message-ID: <xUt06.1311$RJV.64487624@news.xtra.co.nz>
Source record: 7200

Am I correct in thinking that that the 2M Middle Beacon on AO-40 can only be activated via the non-hardened IHU-2 computer?

Given that the 70cm beacons (driven directly from IHU-1) are not functioning and assuming that the problem lies with the non-hardened IHU-2 is there still a viable way to command and control the bird?

Chris Muir ZL1BOE

3469. Re: An Idea outside the box

Newsgroup: rec.radio.amateur.space
Date: 2000-12-21 22:48:35 UTC
From: David Findlay <nedz@bigpond.com>
Message-ID: <BJv06.163147$e5.133314@newsfeeds.bigpond.com>
Source record: 7202

Space is a rought environment. If radiation can wreck radiation hardened probes, it would surely kill yours. One flight through the South Atlantic Anomoly would kill it completly.

David

"zydeco" <xxx@xxxx.net> wrote in message news:vgu06.292$He.16680@news3.mco...
> Hello
> What would happen if we went down to Radio shack, bought a RS repeater
> controller, HT, a few solar panels and some nicad batteries. Put all of it
> in a coffee can. We would bribe a member of the STS team to put it on board
> the shuttle. Just kick the damn thing out the door. Vola' AO-41. Total cost
> outlay $500 plus minus bribe. Why not?? We do the same thing with high
> altitude balloons. I have used the same set up in the Rockies as a impromptu
> repeater covering a 200 mile radius.
> de wb5tla k
>
>

3470. Re: AO-40 IHU's

Newsgroup: rec.radio.amateur.space
Date: 2000-12-22 01:00:27 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9459ta.1el.nomail@linux.pe1chl.ampr.org>
Source record: 7204

Chris Muir <cmuir@startrek.org.nz> wrote:
>Am I correct in thinking that that the 2M Middle Beacon on AO-40 can only be
>activated via the non-hardened IHU-2 computer?

>Given that the 70cm beacons (driven directly from IHU-1) are not functioning
>and assuming that the problem lies with the non-hardened IHU-2 is there
>still a viable way to command and control the bird?

I have read somewhere that when the IHU-2 is powered down, the relay
function is automatically active (probably using an electronic switch that
connects input to output). The repeater program would only be required
to relay the telemetry while IHU-2 is powered up. They certainly did not
want to power it down right after launch, as it contained all the
recordings made during launch and separation. So the repeater program
was uploaded.

My guess is that when the IHU-1 is reset, that will power down IHU-2
and the beacon can be switched to 2m for IHU-1 uploading and then IHU-2
can again be activated by command and upload of the software.

Rob
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+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
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3471. Re: An Idea outside the box

Newsgroup: rec.radio.amateur.space
Date: 2000-12-22 05:59:27 UTC
From: Paul Keinanen <keinanen@sci.fi>
Message-ID: <3sq54t4jafhpocasqvak2psl4bjhkekqd6@4ax.com>
Source record: 7205

On Fri, 22 Dec 2000 08:48:35 +1000, "David Findlay" <nedz@bigpond.com>
wrote:

>Space is a rought environment. If radiation can wreck radiation hardened
>probes, it would surely kill yours. One flight through the South Atlantic
>Anomoly would kill it completly.

They had a lot problems initially with the Hubble space telescope
flying through the SAA corrupting the memory quite quickly.
Fortunately ECC was used on the memory and by flushing the memory
frequently (reading the memory word and writing it back with
recalculated ECC), the single bit errors developed in a single memory
word could be corrected before multiple non-correctable errors
appeared in the same memory word.

I have no idea, if this could be used on AO-40.

Paul OH3LWR

3472. Re: AO40 and Lower Tech Sats

Newsgroup: rec.radio.amateur.space
Date: 2000-12-22 09:38:29 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn94688l.1el.nomail@linux.pe1chl.ampr.org>
Source record: 7206

rrlanders2@my-deja.com <rrlanders2@my-deja.com> wrote:
>Mode A birds ? only 1 RS-12/13 that I know of - and it's reaching
>the end of it's life (10 years this February). It's in either mode
>K or Mode T now. Many of the others require specialized equipment that
>for budgetary reasons excludes many people...Unless that's the
>point...

RS-12/13 still works very well. I hear it every day when looking for
AO-40.
Please explain what specialized equipment you would need. Usually just
two FM radios and a G3RUH modem. Hardly specialized, any packet radio
user who did not fall asleep over his 1984 AFSK modem has these.

>> Only if you forget to consider the whole picture. All those cheaper
>> satellites are in a low earth orbit, and cannot be reasonably
>compared to
>> the Phase 3 sats, in range or convenience of use.
>
>So AO-10 and the late AO-13 are/were easier to use ? Huh ? maybe if
>you have several kilobucks to spend putting up specialied antennas,
>rotors, and radios.

Convenient. That is not necessarily the same as easy.
Reasonable pass durations. Listening on the band, picking out an
interesting station to call after he has finished his contact. Exchanging
some station information and chatting about other topics. Not just those
"you're 5-9 in JO22NB please QSL via the bureau 73" QSO's.
Tracking possible by hand without automatic rotator control.

Do you need the easiest way to work cross-continent? Dial a phone number.

>> Phase 3D can easily be worked with a couple of small helices attached
>> to an appartment building balcony. With LEO sats this is inpractical
>> because you need to see most of the sky not to cut back on the already
>> short pass times.
>
>Phase 3D cannot be worked at all, nor has this been proven. I've heard
>this kind of trash from AMSAT before about how easy one can
>work a satellite (FM sats with a rubber ducky).

That is right, published link budgets are usually for the transponder
operating at zero AGC level and in practice we will have to see.

>The relationship is that using a 10 meter downlink is that most hams
>have an HF radio. Even a shortwave radio with a wire antenna works.

Do you have statistical data that backs that up? I don't have an HF
radio... My license is valid for VHF and higher only. Over half of
the amateurs here have such a license.

>> For someone who does not own a 10 meter receiver, a converter must be
>> built to a band he owns a receiver for. When you want to uplink on 2
>> meter, that will probably be 70 cm. A converter from 10 meter to 70
>cm
>> is not much simpler than a 13 cm to 2m or 70 cm converter, using
>modern
>> parts. Certainly not when you can use a surplus S-band converter.
>
>I think a 10 meter receiver (even a shortwave set) + antenna can be
>acquired cheaper and setup easier than that a surplus mode S-band
>converter.

I think that the typical amateur attitude of comparing pricing to the
last buck and always buying the cheaper option (thereby spending the
money and cutting away the possibility to get something more advanced)
is seriously hampering any progress. This can be seen in many other
areas of the hobby, including packet radio. Most computer hobbyists
would be laughing at anyone still using a 1200 bps modem on the telephone
line, they have upgraded their modem 3 or 4 times since that era.
Not so for radio amateurs, they claim that "1200 baud is cheaper",
"9600 baud is advanced technology they can't afford", etc. They ask
for infrastructure to be deployed (including satellites) that still
allows them to use their 15 year old modem, even when manufacturers have
long stopped production of ICs to build new ones. Strange.

>Anyway, I hope AO-40 comes back. Maybe I'll have some bucks saved
>for new equipment to work it...

That's what we are all hoping for.

Rob
--
+---------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+---------------------------------+--------------------------------------+

3473. Re: AO40 and Lower Tech Sats

Newsgroup: rec.radio.amateur.space
Date: 2000-12-22 14:21:15 UTC
From: "J. Duffy Beischel" <duffyb01@fuse.net>
Message-ID: <t46opp6fuuc267@corp.supernews.com>
Source record: 7207

Think that you are AMSAT? Oh, God no! I did think that you might be part of the board. Is that correct? I need more reasons to not rejoin a group of hams that think their opinions are the only correct and valid opinions.

Rob Janssen <nomail@rob.knoware.nl> wrote in message news:slrn944fbp.1el.nomail@linux.pe1chl.ampr.org...
> J. Duffy Beischel <duffyb01@fuse.net> wrote:
> >Rob,
>
> >You convinced me to not support AMSAT any longer and that I did make the
> >wise decision to drop my membership. You folks want to do what only
> >interest you and you fellow hams.
>
> Do you think "I am AMSAT"? Just because I have an @amsat.org address?
> You are mis-informed. amsat.org addresses are available for any ham,
> not just Amsat members, and certainly not only for Amsat board members.
>
> Rob
> --
> +--------------------------------+--------------------------------------+
> | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
> | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
> +--------------------------------+--------------------------------------+

3474. Re: HEARD NA1SS today on 2 meters

Newsgroup: rec.radio.amateur.space
Date: 2000-12-22 16:35:35 UTC
From: ka1mso@aol.comnospam
Message-ID: <20001222113535.17337.00010213@ng-cg1.aol.com>
Source record: 7208

what's the address for the ftp site?

thanks!

73
w2dsx

3475. realtime satellite webpage

Newsgroup: rec.radio.amateur.space
Date: 2000-12-22 18:39:21 UTC
From: Pete Kanikula <kanikula@gci.net>
Message-ID: <t477s25o9m1tb8@corp.supernews.com>
Source record: 7209

Here's a great webpage for realtime tracking of almost any satellite.
http://liftoff.msfc.nasa.gov/RealTime/JTRACK/3d/JTrack3D.html

You will need JavaScript capability on your web browser to run an Applet.
There's also capability to track/ sight satellites from your own location.
Not specifically designed for amateur radio but fun nonetheless.

Pete/AL7RH

3476. Re: AO40 and Lower Tech Sats

Newsgroup: rec.radio.amateur.space
Date: 2000-12-22 19:00:18 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn947962.up3.nomail@linux.pe1chl.ampr.org>
Source record: 7210

J. Duffy Beischel <duffyb01@fuse.net> wrote:
>Think that you are AMSAT? Oh, God no! I did think that you might be part of
>the board. Is that correct? I need more reasons to not rejoin a group of
>hams that think their opinions are the only correct and valid opinions.

I am not even a member... I just observe what they are doing, and
sometimes make a donation. Don't take my postings as representing AMSAT,
because they aren't.

I happen to agree to their choice of trying something more ambitious than
what has been tried 39 times before. I disagree with their policy not to
distribute detailed information about satellite status and recovery options
and progress. (although that is probably not a policy perse, the effective
situation is the same)

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

3477. Re: realtime satellite webpage

Newsgroup: rec.radio.amateur.space
Date: 2000-12-22 19:01:19 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn94797v.up3.nomail@linux.pe1chl.ampr.org>
Source record: 7211

Pete Kanikula <kanikula@gci.net> wrote:
>Here's a great webpage for realtime tracking of almost any satellite.
>http://liftoff.msfc.nasa.gov/RealTime/JTRACK/3d/JTrack3D.html

>You will need JavaScript capability on your web browser to run an Applet.

You will need Java capability. That is something completely different from
JavaScript capability.

Rob
--
+---------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
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3478. ao-40 is like a sinking ship.

Newsgroup: rec.radio.amateur.space
Date: 2000-12-22 21:49:42 UTC
From: Ph@SE3D.com
Message-ID: <spacejunk@ao40>
Source record: 7212
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

A short Novel, by Kepler 'The sinking Ship'

ao-40 is like a ship that has capsized and is upside down in cold murky water. Its supporters & contributors cling to the sides in vain hopes of rescue, but as time go by more and more of them with failing strength slide silently into the depths of the cold murky water until nothing is left. Only a few stale keplerian element sets remain as a reminder of the tragedy.

the end

3479. Re: AO40 and Lower Tech Sats

Newsgroup: rec.radio.amateur.space
Date: 2000-12-22 22:10:26 UTC
From: rrlanders2@my-deja.com
Message-ID: <920jgf$v2s$1@nnrp1.deja.com>
Source record: 7213

In article <slrn94688l.1el.nomail@linux.pe1chl.ampr.org>,
nomail@rob.knoware.nl (Rob Janssen) wrote:

<...Snip...>

> RS-12/13 still works very well. I hear it every day when looking for
> AO-40.
> Please explain what specialized equipment you would need. Usually
just
> two FM radios and a G3RUH modem. Hardly specialized, any packet radio
> user who did not fall asleep over his 1984 AFSK modem has these.
>

RS-12/13 is almost 10 years old. When it dies, that's it. RS-10/11
didn't quite make it to it's 10'th birthday. Yes it works now.

I don't have a G3RUH modem. Not specialized, but not free. Regrettable
I have budget constraints.

> Convenient. That is not necessarily the same as easy.
> Reasonable pass durations. Listening on the band, picking out an
> interesting station to call after he has finished his contact.
Exchanging
> some station information and chatting about other topics. Not just
those
> "you're 5-9 in JO22NB please QSL via the bureau 73" QSO's.
> Tracking possible by hand without automatic rotator control.

I enjoy the quick contacts on the RS birds. Putting up the larger
antennas required by AO-10 and AO-13 isn't possible to me. I operate
the RS birds with a 1/4 vertical in my garage attic, listen to the
10 meter downlink with a dipole in my house attic. As far as
picking out interesting contacts, I do that on 20.

> Do you need the easiest way to work cross-continent? Dial a phone
number.

No kidding, you missed the point. RS & Mode A is fun, affordable and
at my QTH "do-able".

<....stuff about ham cheapness deleted...>

Oh sure, hams are a cheap bunch, no question. On the flip side, family,
mortgages, car payments, college education and retirement funding comes
out of my paycheck first. Ham Radio (or any other hobby here) takes a
back seat. Therefore when I get a piece of equipment, I want to use it
as long as I can. I found Mode A to be fun, and I'm disappointed AMSAT

doesn't support it, and when RS-12/13 dies, that's it. (It's actually in Mode T now I believe).

73, Merry Christmas. Maybe Santa will bring you AO-40.

Rod

Sent via Deja.com
http://www.deja.com/

3480. Re: ao-40 is like a sinking ship.

Newsgroup: rec.radio.amateur.space
Date: 2000-12-22 22:34:13 UTC
From: Fred Hambrecht <Fred@w4jle.com>
Message-ID: <920l31$3cl$1@iac5.navix.net>
Source record: 7214
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

I love to read such positive messages, they indicate they are from a well adjusted human being that sees the good side of life. ;>{

"Kepler" <Ph@SE3D.com> wrote in message news:spacejunk@ao40...
> A short Novel, by Kepler 'The sinking Ship'
>
> ao-40 is like a ship that has capsized and is upside down in cold murky water.
> Its supporters & contributors cling to the sides in vain hopes of rescue, but
> as time go by more and more of them with failing strength slide silently into
> the depths of the cold murky water until nothing is left. Only a few stale
> keplerian element sets remain as a reminder of the tragedy.
>
> the end
>

3481. Re: AO40 and Lower Tech Sats

Newsgroup: rec.radio.amateur.space
Date: 2000-12-22 23:32:31 UTC
From: "J. Duffy Beischel" <duffyb01@fuse.net>
Message-ID: <t47p3hkfaqgj68@corp.supernews.com>
Source record: 7215

Wait a minute Rod, not all hams are cheap. I'm not cheap as you well know. But you are the cheapest ham I know. Poor old George Washington hasn't seen the light in years. Abe Lincoln's beard will wear off before a penny ever leaves your pocket.

Funny, about this Rob guy though. For a guy that's not a member of AMSAT, he sure seems to a Mr. Encyclopedia on amateur sats. Really, AMSAT needs to get this guy on board to run things. He knows so much more than they do.

Merry Christmas Everybody and I hope AO40 comes out of its sleep. Would be a nice Christmas present.

Regards,

Duffy
<rrlanders2@my-deja.com> wrote in message
news:920jgf$v2s$1@nnrp1.deja.com...
> In article <slrn94688l.1el.nomail@linux.pe1chl.ampr.org>,
> nomail@rob.knoware.nl (Rob Janssen) wrote:
>
> <...Snip...>
>
> > RS-12/13 still works very well. I hear it every day when looking for
> > AO-40.
> > Please explain what specialized equipment you would need. Usually
> just
> > two FM radios and a G3RUH modem. Hardly specialized, any packet radio
> > user who did not fall asleep over his 1984 AFSK modem has these.
> >
>
> RS-12/13 is almost 10 years old. When it dies, that's it. RS-10/11
> didn't quite make it to it's 10'th birthday. Yes it works now.
>
> I don't have a G3RUH modem. Not specialized, but not free. Regrettable
> I have budget constraints.
>
> > Convenient. That is not necessarily the same as easy.
> > Reasonable pass durations. Listening on the band, picking out an
> > interesting station to call after he has finished his contact.
> Exchanging
> > some station information and chatting about other topics. Not just
> those
> > "you're 5-9 in JO22NB please QSL via the bureau 73" QSO's.
> > Tracking possible by hand without automatic rotator control.
>

> I enjoy the quick contacts on the RS birds. Putting up the larger
> antennas required by AO-10 and AO-13 isn't possible to me. I operate
> the RS birds with a 1/4 vertical in my garage attic, listen to the
> 10 meter downlink with a dipole in my house attic. As far as
> picking out interesting contacts, I do that on 20.
>
> > Do you need the easiest way to work cross-continent? Dial a phone
> number.
>
> No kidding, you missed the point. RS & Mode A is fun, affordable and
> at my QTH "do-able".
>
> <....stuff about ham cheapness deleted...>
>
> Oh sure, hams are a cheap bunch, no question. On the flip side, family,
> mortgages, car payments, college education and retirement funding comes
> out of my paycheck first. Ham Radio (or any other hobby here) takes a
> back seat. Therefore when I get a piece of equipment, I want to use it
> as long as I can. I found Mode A to be fun, and I'm disappointed AMSAT
> doesn't support it, and when RS-12/13 dies, that's it. (It's actually
> in Mode T now I believe).
>
> 73, Merry Christmas. Maybe Santa will bring you AO-40.
>
> Rod
>
>
> Sent via Deja.com
> http://www.deja.com/

3482. Re: ao-40 is like a sinking ship.

Newsgroup: rec.radio.amateur.space
Date: 2000-12-23 00:00:38 UTC
From: "Ed Hare, W1RFI" <w1rfi@arrl.net>
Message-ID: <xYR06.152$e5.469057@news.ntplx.net>
Source record: 7216
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

Fred Hambrecht <Fred@w4jle.com> wrote in message
news:920l31$3cl$1@iac5.navix.net...

> I love to read such positive messages, they indicate they are from a well
> adjusted human being that sees the good side of life. ;>{

I almost got a sense of his being pleased that AO-40 is in trouble. I am as concerned and disappointed as the next guy, but I wouldn't find any satisfaction in posting a message such as he did. At this point, all I can do is hope for the best; I generally save prayer for bigger issues.

73,
Ed Hare, W1RFI

3483. Re: ao-40 is like a sinking ship.

Newsgroup: rec.radio.amateur.space
Date: 2000-12-23 00:02:08 UTC
From: "Dr. Conrad Connie" <coontail@my-deja.com>
Message-ID: <920q1u$411$1@nnrp1.deja.com>
Source record: 7217
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

In article <920l31$3cl$1@iac5.navix.net>,
"Fred Hambrecht" <Fred@w4jle.com> wrote:
> I love to read such positive messages, they indicate they are from a
well
> adjusted human being that sees the good side of life. ;>{
>

Do you believe Elvis is alive too..?
Being realistic is more like it.. but I agree this whole thing is a
collosal tragedy.. one of the most expensive in ham radio history and
since this bird DID acheive orbit.. insurance will not be writing a
check!

Sent via Deja.com
http://www.deja.com/

3484. Re: ao-40 is like a sinking ship.

Newsgroup: rec.radio.amateur.space
Date: 2000-12-23 00:39:39 UTC
From: Fred Hambrecht <Fred@w4jle.com>
Message-ID: <920s8h$6bn$1@iac5.navix.net>
Source record: 7218
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

As did I Ed, some people are only happy in the presence of others being unhappy.

May you holidays be happy for you and yours and may the New Year bring us deliverance from folks that post messages like the one we are discussing.

73 Fred W4JLE

"Ed Hare, W1RFI" <w1rfi@arrl.net> wrote in message news:xYR06.152$e5.469057@news.ntplx.net...
>
> Fred Hambrecht <Fred@w4jle.com> wrote in message
> news:920l31$3cl$1@iac5.navix.net...
>
> > I love to read such positive messages, they indicate they are from a well
> > adjusted human being that sees the good side of life. ;>{
>
> I almost got a sense of his being pleased that AO-40 is in trouble. I am as
> concerned and disappointed as the next guy, but I wouldn't find any
> satisfaction in posting a message such as he did. At this point, all I can
> do is hope for the best; I generally save prayer for bigger issues.
>
> 73,
> Ed Hare, W1RFI
>
>

3485. Re: ao-40 is like a sinking ship.

Newsgroup: rec.radio.amateur.space
Date: 2000-12-23 00:41:49 UTC
From: Fred Hambrecht <Fred@w4jle.com>
Message-ID: <920sci$6cj$1@iac5.navix.net>
Source record: 7219
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

Nope! I believe the Eveready bunny is just taking a nap, they may have to spread the solar arrays to get some power to the computer and then figure out how to position it with the panels out.

"Dr. Conrad Connie" <coontail@my-deja.com> wrote in message news:920q1u$411$1@nnrp1.deja.com...
> In article <920l31$3cl$1@iac5.navix.net>,
> "Fred Hambrecht" <Fred@w4jle.com> wrote:
> > I love to read such positive messages, they indicate they are from a
> well
> > adjusted human being that sees the good side of life. ;>{
> >
>
> Do you believe Elvis is alive too..?
> Being realistic is more like it.. but I agree this whole thing is a
> collosal tragedy.. one of the most expensive in ham radio history and
> since this bird DID acheive orbit.. insurance will not be writing a
> check!
>
>
>
> Sent via Deja.com
> http://www.deja.com/

3486. Re: ao-40 is like a sinking ship.

Newsgroup: rec.radio.amateur.space
Date: 2000-12-23 01:19:03 UTC
From: Dan Yemiola <Dyemiola@LexComInc.Net>
Message-ID: <3A43FD87.5131F18D@LexComInc.Net>
Source record: 7221
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

Don't worry, be happy.

Eventually, somebody will collect this satellite and return it to earth or
repair it.
NASA went and repaired the Hubble Space Telescope didn't they?
It will either get in somebodies way or space flight will become so
commonplace that this satellite will be retrieved.
It's just a mattter of time.
Dan
AI8O

Fred Hambrecht wrote:

> Nope! I believe the Eveready bunny is just taking a nap, they may have to
> spread the solar arrays to get some power to the computer and then figure
> out how to position it with the panels out.
>
> "Dr. Conrad Connie" <coontail@my-deja.com> wrote in message
> news:920q1u$411$1@nnrp1.deja.com...
> > In article <920l31$3cl$1@iac5.navix.net>,
> > "Fred Hambrecht" <Fred@w4jle.com> wrote:
> > > I love to read such positive messages, they indicate they are from a
> > well
> > > adjusted human being that sees the good side of life. ;>{
> > >
> >
> > Do you believe Elvis is alive too..?
> > Being realistic is more like it.. but I agree this whole thing is a
> > collosal tragedy.. one of the most expensive in ham radio history and
> > since this bird DID acheive orbit.. insurance will not be writing a
> > check!
> >
> >
> >
> > Sent via Deja.com
> > http://www.deja.com/

3487. Re: ao-40 is like a sinking ship.

Newsgroup: rec.radio.amateur.space
Date: 2000-12-23 01:19:09 UTC
From: Mike Swan <mjswan1@bellsouth.net>
Message-ID: <41T06.3341$fJ1.133987@news2.atl>
Source record: 7220
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

Yeah, my ex-wife's kind'a like that... :-)

I'd be surprised if we've heard the last of AO-40. From what I understand,
the ground crew still has a few options available to them. Best of luck,
guys!

73, Mike
kg4gge

"Fred Hambrecht" <Fred@w4jle.com> wrote:
> As did I Ed, some people are only happy in the presence of
> others being unhappy.

3488. Re: ao-40 is like a sinking ship.

Newsgroup: rec.radio.amateur.space
Date: 2000-12-23 02:18:55 UTC
From: "Dr. Conrad Connie" <coontail@my-deja.com>
Message-ID: <92122d$9ln$1@nnrp1.deja.com>
Source record: 7222
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

In article <920sci$6cj$1@iac5.navix.net>,
"Fred Hambrecht" <Fred@w4jle.com> wrote:
> Nope! I believe the Eveready bunny is just taking a nap, they may have
to
> spread the solar arrays to get some power to the computer and then
figure
> out how to position it with the panels out.
>

Umm well, I doubt it.. because the failure took place as the motors
were being manipulated for orbital configuration. However, on the bright
side the thing is in one piece and I'd say the on board computer may
have crashed or worse is dead brained. Can they recover.. I sure as hell
hope so as I contributed money to the project and imagine
the pain the developmental team is going to feel if this thing is a dead
doggie..

-

Sent via Deja.com
http://www.deja.com/

3489. Re: ao-40 is like a sinking ship.

Newsgroup: rec.radio.amateur.space
Date: 2000-12-23 02:20:38 UTC
From: "Dr. Conrad Connie" <coontail@my-deja.com>
Message-ID: <92125i$9uf$1@nnrp1.deja.com>
Source record: 7223
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

In article <3A43FD87.5131F18D@LexComInc.Net>,
Dyemiola@LexComInc.Net wrote:
> Don't worry, be happy.
>
> Eventually, somebody will collect this satellite and return it to
earth or
> repair it.
> NASA went and repaired the Hubble Space Telescope didn't they?
> It will either get in somebodies way or space flight will become so
> commonplace that this satellite will be retrieved.
> It's just a mattter of time.
> Dan
> AI8O

Are you kidding? Do you know whats involved? This bird is way way way
out there, in fact at apogee almost twice as far away as a geosat.

Sent via Deja.com
http://www.deja.com/

3490. Re: AO40 and Lower Tech Sats

Newsgroup: rec.radio.amateur.space
Date: 2000-12-23 02:40:15 UTC
From: Rick Tannehill <rickw7rt@firstinter.net>
Message-ID: <3A44108F.1EC59AD5@firstinter.net>
Source record: 7224

At the national AMSAT-NA convention in Tucson a few years back, a paper/discussion was held concerning the lack of future "easy-sats" being built. At that time, the AMSAT officers did not anticipate the gob of Mode J analog FM sats being constructed, but their comments were aimed more at the mode A and Mode K Russian "easy-sats". Nearly all in attendance at that meeting agreed that it would be a tragedy if the Radio-Sport sats all died without any replacement for easy operation of Modes A&K. These were the sats that got most current ham sat enthusiasts hooked in the first place. If AO40 comes back alive, it will actually fulfill much of that role. If it doesn't, we need to rethink doing $5M projects that take 10 years to build and get launched, and can only be sent up on one or two rockets made in the world, and that are overly complex, by ham standards. Otherwise, IMHO, the ham space program, outside the ISS is probably dead. Let's all pray for an early recovery of AO40.

73
Rick Tannehill - W7RT
(AMSAT member :)

"J. Duffy Beischel" wrote:

> Great idea Mike, I could not agree more. We've got to keep it simpler and
> cheaper. Launching birds that take forever to build, cost millions of
> dollars and then blow up right after launch or stop working within a few
> weeks, isn't doing anyone any good.
>
> Regards,
>
> Duffy
> Mike Merk <mmerk@scott.net> wrote in message
> news:alM%5.89053$iy3.20618734@news1.rdc1.tn.home.com...
> > My feeling is that anyone who has ever gotten any satisfaction from
> RS10/11
> > would be absolutely ecstatic about operating a Satellitle like AO-13
> during
> > it's best days. I've been licensed for 42 years and I look upon that
> > experience as one of the most rewarding. It provided ecxiting DX
> > opportunities along with predictable scheduling for for ragchews between
> > amateurs in almost every corner of the world. How about some simple AO-13
> > style birds with enough redundency to provide long term fun using 2m
> through
> > 2.4GHz?
> >
> > Mike Merk - W4ALA
> > w4ala@scott.net
> >

> > "J. Duffy Beischel" <duffyb01@fuse.net> wrote in message
> > news:t3s185oj46dt9b@corp.supernews.com...
> > > Looks like we may have put all our eggs into one basket and the basket
> may
> > > be gone. I cannot understand why AMSAT will not build cheaper sats that
> > can
> > > be more easily used by a majority of hams (2 up and 10 down). Sats that
> > use
> > > all these SHF frequencies are just not in reach of Joe six pack ham.
> They
> > > take too long to build and when they fail, it is a major disaster for
> the
> > > ham community. I'm not saying AO40 is dead yet, I have no idea. But
> the
> > > possibility brings about the question of why not more and simplier sats
> > for
> > > everyone.
> > >
> > >
> >
> >

3491. Re: ao-40 is like a sinking ship.

Newsgroup: rec.radio.amateur.space
Date: 2000-12-23 03:16:05 UTC
From: AnonMn@netscape.net
Message-ID: <3a4417fc.823845887@news>
Source record: 7225
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

I'll never understand some people. How can they enjoy posting something
like this? Is there a doctor in the house? Is the doctor emotionally stable?
See you on AO-40!
Ken
~~~~~~
On Fri, 22 Dec 2000 21:49:42 GMT, Ph@SE3D.com (Kepler) wrote:

>A short Novel, by Kepler 'The sinking Ship'
>
>ao-40 is like a ship that has capsized and is upside down in cold murky water.
>Its supporters & contributors cling to the sides in vain hopes of rescue, but
>as time go by more and more of them with failing strength slide silently into
>the depths of the cold murky water until nothing is left. Only a few stale
>keplerian element sets remain as a reminder of the tragedy.
>
>the end
>
~~~~~~

3492. Re: ao-40 is like a sinking ship.

Newsgroup: rec.radio.amateur.space
Date: 2000-12-23 04:08:48 UTC
From: Brian Kelly <kelly@dvol.com>
Message-ID: <3A442550.A793E2B9@dvol.com>
Source record: 7226
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

"Ed Hare, W1RFI" wrote:

> Fred Hambrecht <Fred@w4jle.com> wrote in message
> news:920l31$3cl$1@iac5.navix.net...
>
> > I love to read such positive messages, they indicate they are from a well
> > adjusted human being that sees the good side of life. ;>{
>
> I almost got a sense of his being pleased that AO-40 is in trouble. I am as
> concerned and disappointed as the next guy, but I wouldn't find any
> satisfaction in posting a message such as he did. At this point, all I can
> do is hope for the best; I generally save prayer for bigger issues.

>
Unfortunately nitwits are also protected by the Second Amendment. What's the
latest odds on whether or not they can can bring that bird back up?
>

> 73,
> Ed Hare, W1RFI

>
w3rv

3493. Re: ao-40 is like a sinking ship.

Newsgroup: rec.radio.amateur.space
Date: 2000-12-23 04:19:54 UTC
From: Brian Kelly <kelly@dvol.com>
Message-ID: <3A4427EA.95923A7@dvol.com>
Source record: 7227
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

"Dr. Conrad Connie" wrote:

>
> Umm well, I doubt it.. because the failure took place as the motors
> were being manipulated for orbital configuration. However, on the bright
> side the thing is in one piece and I'd say the on board computer may
> have crashed or worse is dead brained. Can they recover.. I sure as hell
> hope so as I contributed money to the project and imagine
> the pain the developmental team is going to feel if this thing is a dead
> doggie..

>
We all contributed to the boinked $175mm Mars lander. Oh well, we'll do
better next time. Which is the whole point to the exercise.
> -

>
> Sent via Deja.com
> http://www.deja.com/

>
w3rv

3494. Re: Is AO-40 insured?

Newsgroup: rec.radio.amateur.space
Date: 2000-12-23 04:21:20 UTC
From: David Reinhart <wa6ilt@bellatlantic.net>
Message-ID: <3A442869.5B59BF36@bellatlantic.net>
Source record: 7228

You may be right. I've seen postings on amsat-bb stating that both AO-10 and AO-13 were insured. I wasn't working satellites when those birds were launched. My opinion came from the discussions I've heard/had on the subject of launch insurance at the two symposiums (symposiae?) I've been to.

Dave Reinhart
wa6ilt@amsat.org

Rob Janssen wrote:

> dreinhart@iris.com <dreinhart@iris.com> wrote:
> >No, it's not insured. I don't think any amateur satellite ever has been.
> >The cost of launch insurance is so high that it equals a substatinal
> >portion (50% or more) of the material value of the satellite that it isn't
> >economically feasible or viable.
>
> AO-10 was insured, wasn't it? That was the first P3 satellite after the
> P3A disaster, and there was a launch insurance fund to collect donations to
> pay for this insurance.
>
> If I remember well, it even (partly?) payed out because of the collision
> with the launch vehicle and not reaching the planned orbit.
>
> Rob
> --
> +--------------------------------+--------------------------------------+
> | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
> | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
> +--------------------------------+--------------------------------------+

3495. Re: ao-40 is like a sinking ship.

Newsgroup: rec.radio.amateur.space
Date: 2000-12-23 04:55:13 UTC
From: Cecil <Cecil.A.Moore@IEEE.org>
Message-ID: <3A443031.FE3C529D@IEEE.org>
Source record: 7229
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

Brian Kelly wrote:
> Unfortunately nitwits are also protected by the Second Amendment.

Egads Brian, is somebody going to shoot somebody?
--
http://www.mindspring.com/~w6rca

Gun control assumes that most people can't be trusted,
so we should have laws against guns, which most people
will abide by, because most people can be trusted.

3496. Re: ao-40 is like a sinking ship.

Newsgroup: rec.radio.amateur.space
Date: 2000-12-23 05:01:21 UTC
From: Cecil <Cecil.A.Moore@IEEE.org>
Message-ID: <3A4431A1.9DB239C3@IEEE.org>
Source record: 7230
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

"Dr. Conrad Connie" wrote:
> Are you kidding? Do you know whats involved? This bird is way way way
> out there, in fact at apogee almost twice as far away as a geosat.

Try being optimistic instead of pesimistic. For every apogee
there is a perigee.
--
http://www.mindspring.com/~w6rca

Gun control assumes that most people can't be trusted,
so we should have laws against guns, which most people
will abide by, because most people can be trusted.

3497. Re: ao-40 is like a sinking ship.

Newsgroup: rec.radio.amateur.space
Date: 2000-12-23 05:09:38 UTC
From: "Dr. Conrad Connie" <coontail@my-deja.com>
Message-ID: <921c2hgio1@nnrp1.deja.com>
Source record: 7231
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

In article <3a4417fc.823845887@news>,
AnonMn@netscape.net wrote:
>
> I'll never understand some people. How can they enjoy posting
something
> like this? Is there a doctor in the house? Is the doctor emotionally

Oh, its quite simple really.. haven't you been around the web long
enough to know a TROLL when you smell one ?

Sent via Deja.com
http://www.deja.com/

3498. Re: ao-40 is like a sinking ship.

Newsgroup: rec.radio.amateur.space
Date: 2000-12-23 05:13:29 UTC
From: "Dr. Conrad Connie" <coontail@my-deja.com>
Message-ID: <921c9ogsj1@nnrp1.deja.com>
Source record: 7232
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

In article <41T06.3341$fJ1.133987@news2.atl>,
"Mike Swan" <mjswan1@bellsouth.net> wrote:
> Yeah, my ex-wife's kind'a like that... :-)
>
> I'd be surprised if we've heard the last of AO-40. From what I
understand,
> the ground crew still has a few options available to them. Best of
luck,
> guys!
>
>

Don't get your hopes too high. If ET hasn't called yet something quite dire has happened which may not be fixable even with a rebooting. They do-not know if the bird is even hearing ground command sigs. Now, that's really operating in the dark and hoping for Santa Clause to fix whatever is wrong. Don't get me wrong I'm depressed if this sat is dead, because we shall not see another in many many many years!

Sent via Deja.com
http://www.deja.com/

3499. AMSAT Special Bulletin - AO-40

Newsgroup: rec.radio.amateur.space
Date: 2000-12-23 06:49:59 UTC
From: George Hiscox <ghiscox@earthlink.net>
Message-ID: <lmi84t8chck3fcnhoq4tf5f00n9bpcbvh6@4ax.com>
Source record: 7233

AMSAT Special Bulletin
AMSAT-NA President Robin Haighton, VE3FRH, provided ANS with the following 'President's Letter':

To All AMSAT Members,

It is proposed to hold an inquiry into the incident which has resulted in the loss of communication with AO-40. Although it is hoped that the loss of communication is a temporary situation, AMSAT believes that it is in the best interests of our organization to determine all the facts surrounding this incident and to make sure that a similar situation cannot happen again either on AO-40 or on a future satellite.

Our primary function at this time is still the recovery of AO-40, but we are also beginning to lay the plans for this inquiry.

When the P3D project was first developed, a Program Board was developed to oversee the project and put in place such other committees as may be necessary during the life of P3D (now AO-40). This Program Board represents the membership of each of the major organizations which have contributed to the P3D project (i.e. AMSAT-DL, AMSAT-NA, AMSAT-UK, DARC, and the ARRL). It is this Program Board that will meet on your behalf to determine the requirements of the inquiry, such as the terms of reference and the actual size of the Inquiry Committee itself.

The Program Board will be responsible to make sure that the inquiry meets the requirements of the membership and will be responsible for publicizing the results of the inquiry.

AMSAT-DL will present the Program Board with some initial suggestions on the scope, size, etc. in early January 2001. The Program Board will review these within two weeks and make any modifications that they feel are necessary (during a teleconference) also to be held in January.

It is hoped that the Inquiry Committee will start work shortly thereafter.

Although we do not wish to limit the scope of work, we would like the Inquiry Committee to report its findings relatively quickly, with this time to be determined by the Program Board. Any or all the AMSAT personnel who worked on the P3D project may be asked to assist the Inquiry Committee.

On a slightly different -- but related -- topic, in order to make sure that everyone is up to date with known facts, Peter Guelzow, DB2OS, is preparing an overall review of the loss of transmission incident, to show what has actually taken place and the actions that have been attempted to try and recover AO-40. This is being written in response to many requests for detailed information and will contain all known information. Peter, like the rest of us, is a volunteer with a normal job, but he hopes to have this review out shortly.

Another action that is underway is a review of future projects by the AMSAT-NA Project Committee. For some time we have been receiving input for the next generation of satellites and this information has been passed to the Project Committee for their review and recommendation. We realize that even when AO-40 is hopefully recovered, now is also the time to start looking at our next project(s). The Board of Directors of AMSAT-NA will meet in late February to receive initial recommendations from the Project Committee and to determine the next steps.

Wishing you all the very best for the holiday season,

Robin Haighton, VE3FRH

3500. Re: AMSAT Special Bulletin - AO-40

Newsgroup: rec.radio.amateur.space
Date: 2000-12-23 09:03:16 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn948qij.up3.nomail@linux.pe1chl.ampr.org>
Source record: 7234

George Hiscox <ghiscox@earthlink.net> wrote:
>On a slightly different -- but related -- topic, in order to make sure
>that everyone is up to date with known facts, Peter Guelzow, DB2OS, is
>preparing an overall review of the loss of transmission incident, to
>show what has actually taken place and the actions that have been
>attempted to try and recover AO-40. This is being written in response
>to many requests for detailed information and will contain all known
>information. Peter, like the rest of us, is a volunteer with a normal
>job, but he hopes to have this review out shortly.

I think that is great news!
Such a document will certainly help the world through this (hopefully)
period of silence from AO-40, and will maybe even help the recovery.

(by giving info to all the listening stations what to listen for, where, and
when)

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

3501. Re: AO40 and Lower Tech Sats

Newsgroup: rec.radio.amateur.space
Date: 2000-12-23 12:25:15 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn9496db.up3.nomail@linux.pe1chl.ampr.org>
Source record: 7235

rrlanders2@my-deja.com <rrlanders2@my-deja.com> wrote:
>> RS-12/13 still works very well. I hear it every day when looking for
>> AO-40.
>> Please explain what specialized equipment you would need. Usually
>just
>> two FM radios and a G3RUH modem. Hardly specialized, any packet radio
>> user who did not fall asleep over his 1984 AFSK modem has these.

>RS-12/13 is almost 10 years old. When it dies, that's it. RS-10/11
>didn't quite make it to it's 10'th birthday. Yes it works now.

As you will know, these later RS spacecraft are not standalone but are
subsystems of Russian governmental satellites (observation, navigation
etc). That makes it a little easier to build something, as you don't
have to provide powersupply, attitude and orbit control, housing and
temperature control, etc. In the days of RS-12/13 the future seemed
to be very bright as there was a whole series of similar "host" satellites
to be launched and every interested party would have the opportunity
to put an experimental package on them.
Unfortunately, shortly afterwards the demise of the USSR and heavy
budget cut-backs destroyed that opportunity.

So now, building a new mode-a sat will be a bit more complicated than
it was before.

>I don't have a G3RUH modem. Not specialized, but not free. Regrettable
>I have budget constraints.

When you can live with somewhat degraded performance you can use software
and a soundcard to emulate it. This configuration allows the emulation
of many modems used in amateur radio. You only need a reasonably fast
computer (say a P166MMX or better), but most amateurs do seem to have the
budget for that (or ways to acquire it cheaply).

>Oh sure, hams are a cheap bunch, no question. On the flip side, family,
>mortgages, car payments, college education and retirement funding comes
>out of my paycheck first. Ham Radio (or any other hobby here) takes a
>back seat. Therefore when I get a piece of equipment, I want to use it
>as long as I can. I found Mode A to be fun, and I'm disappointed AMSAT
>doesn't support it, and when RS-12/13 dies, that's it. (It's actually
>in Mode T now I believe).

I don't know if AMSAT officially does not support it, but I have heard
the story about moving on to UHF/SHF many times (on sat colloquiums etc).
Remember AO-40 was initially designed without a 2M downlink, but AMSAT-UK
members donated money and had a UK amateur build a 2M transmitter. I

think there was no opposition to that from AMSAT, they just did not want
to spend their own money on that.
(right now they are probably very thankful they have the 2M output)

>73, Merry Christmas. Maybe Santa will bring you AO-40.

I hope so. In fact I hope somebody will press the reset button, as I
no longer believe in the watchdog operation.

Best wishes,
Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

3502. Re: ao-40 is like a sinking ship.

Newsgroup: rec.radio.amateur.space
Date: 2000-12-23 15:05:13 UTC
From: Michael Ruther <michael.ruther@honeywell.com>
Message-ID: <3A44BF29.2FD7D50@honeywell.com>
Source record: 7236
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

Second amendment? right to bare an arm.

Brian Kelly wrote:

> "Ed Hare, W1RFI" wrote:
>
> > Fred Hambrecht <Fred@w4jle.com> wrote in message
> > news:920l31$3cl$1@iac5.navix.net...
> >
> > > I love to read such positive messages, they indicate they are from a well
> > > adjusted human being that sees the good side of life. ;>{
> >
> > I almost got a sense of his being pleased that AO-40 is in trouble. I am as
> > concerned and disappointed as the next guy, but I wouldn't find any
> > satisfaction in posting a message such as he did. At this point, all I can
> > do is hope for the best; I generally save prayer for bigger issues.
>
> >
> Unfortunately nitwits are also protected by the Second Amendment. What's the
> latest odds on whether or not they can can bring that bird back up?
> >
>
> > 73,
> > Ed Hare, W1RFI
>
> >
> w3rv

3503. Re: AO40 and Lower Tech Sats

Newsgroup: rec.radio.amateur.space
Date: 2000-12-23 17:37:32 UTC
From: rrlanders2@my-deja.com
Message-ID: <922nssdks1@nnrp1.deja.com>
Source record: 7237

In article <t47p3hkfaqgj68@corp.supernews.com>,
"J. Duffy Beischel" <duffyb01@fuse.net> wrote:
> Wait a minute Rod, not all hams are cheap. I'm not cheap as you well
know.
> But you are the cheapest ham I know. Poor old George Washington
hasn't seen
> the light in years. Abe Lincoln's beard will wear off before a penny
ever
> leaves your pocket.

<...Other stuff snipped...>

Now wait a minute, it's been recorded on ancient scrolls that I have spent money...And there are some hams I can't hold a candle to when it comes to squeezing ol'George....

BTW, Abe Lincoln had a beard ??

73, Rod

Sent via Deja.com
http://www.deja.com/

3504. Re: AO40 and Lower Tech Sats

Newsgroup: rec.radio.amateur.space
Date: 2000-12-23 18:03:08 UTC
From: "J. Duffy Beischel" <duffyb01@fuse.net>
Message-ID: <t49q5p328j1c7d@corp.supernews.com>
Source record: 7238

<rrlanders2@my-deja.com> wrote in message
news:922nssdks1@nnrp1.deja.com...
>
> Now wait a minute, it's been recorded on ancient scrolls that I have
> spent money...And there are some hams I can't hold a candle to when
> it comes to squeezing ol'George....
>
> BTW, Abe Lincoln had a beard ??
>
>
> 73, Rod

Yes, Abe did have a beard until he entered your pocket.

To my fellow hams, I would like you all to know, that WI0T travels from Missouri to Dayton every year to make such major purchases as a roll of solder, and a P.O.S. old Dumont rig converted to 6 meters (a $25 purchase) which had more emissions outside 6 meters than it did inside the band.

He will go and visit every dealer at the Hamvention to find the dealer with the absolute lowest pice even if we are talking about a difference of $.50.

I do hereby propose and make a motion that WI0T be elected President of AMSAT. For if elected, Rod will have plenty of amateur sats orbiting the earth that will probably cost no more than $100 each because only he can squeeze a penny until Abe begs for mercy.

Do I here a second?

Regards,

Duffy

3505. Re: AO40 and Lower Tech Sats

Newsgroup: rec.radio.amateur.space
Date: 2000-12-23 18:04:54 UTC
From: "J. Duffy Beischel" <duffyb01@fuse.net>
Message-ID: <t49q92olvcbc90@corp.supernews.com>
Source record: 7239

Rick,

Your comments are right on the money. These are my feelings exactly.

Regards,

Duffy

Rick Tannehill <rickw7rt@firstinter.net> wrote in message
news:3A44108F.1EC59AD5@firstinter.net...
> At the national AMSAT-NA convention in Tucson a few years back, a
> paper/discussion was held concerning the lack of future "easy-sats" being
> built. At that time, the AMSAT officers did not anticipate the gob of
Mode J
> analog FM sats being constructed, but their comments were aimed more at
the mode
> A and Mode K Russian "easy-sats". Nearly all in attendance at that
meeting
> agreed that it would be a tragedy if the Radio-Sport sats all died without
any
> replacement for easy operation of Modes A&K. These were the sats that got
most
> current ham sat enthusiasts hooked in the first place. If AO40 comes back
> alive, it will actually fulfill much of that role. If it doesn't, we need
to
> rethink doing $5M projects that take 10 years to build and get launched,
and can
> only be sent up on one or two rockets made in the world, and that are
overly
> complex, by ham standards. Otherwise, IMHO, the ham space program,
outside the
> ISS is probably dead. Let's all pray for an early recovery of AO40.
>
> 73
> Rick Tannehill - W7RT
> (AMSAT member :)
>
>
> "J. Duffy Beischel" wrote:
>
> > Great idea Mike, I could not agree more. We've got to keep it simpler
and
> > cheaper. Launching birds that take forever to build, cost millions of
> > dollars and then blow up right after launch or stop working within a few
> > weeks, isn't doing anyone any good.

> >
> > Regards,
> >
> > Duffy
> > Mike Merk <mmerk@scott.net> wrote in message
> > news:alM%5.89053$iy3.20618734@news1.rdc1.tn.home.com...
> > > My feeling is that anyone who has ever gotten any satisfaction from
> > RS10/11
> > > would be absolutely ecstatic about operating a Satellitle like AO-13
> > during
> > > it's best days. I've been licensed for 42 years and I look upon that
> > > experience as one of the most rewarding. It provided ecxiting DX
> > > opportunities along with predictable scheduling for for ragchews
between
> > > amateurs in almost every corner of the world. How about some simple
AO-13
> > > style birds with enough redundency to provide long term fun using 2m
> > through
> > > 2.4GHz?
> > >
> > > Mike Merk - W4ALA
> > > w4ala@scott.net
> > >
> > > "J. Duffy Beischel" <duffyb01@fuse.net> wrote in message
> > > news:t3s185oj46dt9b@corp.supernews.com...
> > > > Looks like we may have put all our eggs into one basket and the
basket
> > may
> > > > be gone. I cannot understand why AMSAT will not build cheaper sats
that
> > > can
> > > > be more easily used by a majority of hams (2 up and 10 down). Sats
that
> > > use
> > > > all these SHF frequencies are just not in reach of Joe six pack ham.
> > They
> > > > take too long to build and when they fail, it is a major disaster
for
> > the
> > > > ham community. I'm not saying AO40 is dead yet, I have no idea.
But
> > the
> > > > possibility brings about the question of why not more and simplier
sats
> > > for
> > > > everyone.
> > > >
> > > >
> > > >
> > >
> > >

>

3506. Re: ao-40 is like a sinking ship.

Newsgroup: rec.radio.amateur.space
Date: 2000-12-23 20:16:40 UTC
From: SPAMnocoast@aol.com
Message-ID: <3a45071a.363453190@netnews.worldnet.att.net>
Source record: 7240
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

Please allow me to be the Devil's advocate for one posting here. And
let me qualify what I am about to say as someone who is still hopeful
that AO-40 has not run out of options.

I think the 'Sinking Ship' story was more of an observation about what
the author has been reading on this news group rather than his
pessimistic attitude to the bird. His observation is that others on
this news group might be a little quick to abandon ship.

There now, no need to arm bears after all 8-)

- Andrew
KA2KHD

On Sat, 23 Dec 2000 05:09:38 GMT, Dr. Conrad Connie
<coontail@my-deja.com> wrote:

>In article <3a4417fc.823845887@news>,
> AnonMn@netscape.net wrote:
>>
>> I'll never understand some people. How can they enjoy posting
>something
>> like this? Is there a doctor in the house? Is the doctor emotionally
>
> Oh, its quite simple really.. haven't you been around the web long
>enough to know a TROLL when you smell one ?
>
>
>Sent via Deja.com
>http://www.deja.com/

3507. Re: AO40 and Lower Tech Sats

Newsgroup: rec.radio.amateur.space
Date: 2000-12-23 20:39:14 UTC
From: treynolds@email.exide.com
Message-ID: <9232hi$l3l$1@nnrp1.deja.com>
Source record: 7241

I agree 100% with this portion of the thread. I have been a ham for 26 years but only got into sats in the last couple of years, just after AO-13 died. I very much enjoy RS12/13, FO20, & FO29. A few more like these would be a great idea, especially if they also included a microwave transponder. That way we could continue the AO-40 plan to develope the microwave spectrum while at the same time not putting all our eggs in one basket.

Tom

In article <t49q92olvcbc90@corp.supernews.com>,
"J. Duffy Beischel" <duffyb01@fuse.net> wrote:
> Rick,
>
> Your comments are right on the money. These are my feelings exactly.
>
> Regards,
>
> Duffy
>
> Rick Tannehill <rickw7rt@firstinter.net> wrote in message
> news:3A44108F.1EC59AD5@firstinter.net...
> > At the national AMSAT-NA convention in Tucson a few years back, a
> > paper/discussion was held concerning the lack of future "easy-sats"
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> > built. At that time, the AMSAT officers did not anticipate the gob
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> Mode J
> > analog FM sats being constructed, but their comments were aimed
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> > A and Mode K Russian "easy-sats". Nearly all in attendance at that
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> > agreed that it would be a tragedy if the Radio-Sport sats all died
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> > replacement for easy operation of Modes A&K. These were the sats
that got
> most
> > current ham sat enthusiasts hooked in the first place. If AO40
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> > alive, it will actually fulfill much of that role. If it doesn't,
we need
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> > rethink doing $5M projects that take 10 years to build and get

launched,
> and can
> > only be sent up on one or two rockets made in the world, and that
are
> overly
> > complex, by ham standards. Otherwise, IMHO, the ham space program,
> outside the
> > ISS is probably dead. Let's all pray for an early recovery of AO40.
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> > 73
> > Rick Tannehill - W7RT
> > (AMSAT member :)
> >
> >
> > "J. Duffy Beischel" wrote:
> >
> > > Great idea Mike, I could not agree more. We've got to keep it
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> and
> > > cheaper. Launching birds that take forever to build, cost
millions of
> > > dollars and then blow up right after launch or stop working
within a few
> > > weeks, isn't doing anyone any good.
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> > > Regards,
> > >
> > > Duffy
> > > Mike Merk <mmerk@scott.net> wrote in message
> > > news:alM%5.89053$iy3.20618734@news1.rdc1.tn.home.com...
> > > > My feeling is that anyone who has ever gotten any satisfaction
from
> > > RS10/11
> > > > would be absolutely ecstatic about operating a Satellitle like
AO-13
> > > during
> > > > it's best days. I've been licensed for 42 years and I look
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> > > > experience as one of the most rewarding. It provided ecxiting
DX
> > > > opportunities along with predictable scheduling for for ragchews
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> > > > amateurs in almost every corner of the world. How about some
simple
> AO-13
> > > > style birds with enough redundency to provide long term fun
using 2m
> > > through
> > > > 2.4GHz?
> > > >

> > > > Mike Merk - W4ALA
> > > > w4ala@scott.net
> > > >
> > > > "J. Duffy Beischel" <duffyb01@fuse.net> wrote in message
> > > > news:t3s185oj46dt9b@corp.supernews.com...
> > > > > Looks like we may have put all our eggs into one basket and
the
> basket
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cheaper sats
> that
> > > > can
> > > > > be more easily used by a majority of hams (2 up and 10
down). Sats
> that
> > > > use
> > > > > all these SHF frequencies are just not in reach of Joe six
pack ham.
> > > They
> > > > > take too long to build and when they fail, it is a major
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> for
> > > the
> > > > > ham community. I'm not saying AO40 is dead yet, I have no
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> But
> > > the
> > > > > possibility brings about the question of why not more and
simplier
> sats
> > > > for
> > > > > everyone.
> > > > >
> > > > >
> > > >
> > > >
> > >
> >
>

Sent via Deja.com
http://www.deja.com/

3508. Re: AO40 and Lower Tech Sats

Newsgroup: rec.radio.amateur.space
Date: 2000-12-23 20:57:30 UTC
From: Cathryn Mataga <cathrynm@junglevision.com>
Message-ID: <3A4511BA.26734D8C@junglevision.com>
Source record: 7242

treynolds@email.exide.com wrote:
> I agree 100% with this portion of the thread. I have been a ham for 26
> years but only got into sats in the last couple of years, just after AO-
> 13 died. I very much enjoy RS12/13, FO20, & FO29. A few more like
> these would be a great idea, especially if they also included a
> microwave transponder. That way we could continue the AO-40 plan to
> develope the microwave spectrum while at the same time not putting all
> our eggs in one basket.

I'm in favor of going off the 430Mhz band, for the slightly
selfish reason that there's an ATV station across the SF Bay
with near line of site to me, that constantly
broadcasts weather maps 24 hours a day right on top of the
satellite band. He shows the same picture,
over and over again, so depending on the spectral weirdness
of the current weather, various bits of the satellite band
get blown out.

3509. Re: AO40 and Lower Tech Sats

Newsgroup: rec.radio.amateur.space
Date: 2000-12-23 21:28:35 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn94a683.nd.nomail@linux.pe1chl.ampr.org>
Source record: 7244

treynolds@email.exide.com <treynolds@email.exide.com> wrote:
>I agree 100% with this portion of the thread. I have been a ham for 26
>years but only got into sats in the last couple of years, just after AO-
>13 died. I very much enjoy RS12/13, FO20, & FO29. A few more like
>these would be a great idea, especially if they also included a
>microwave transponder. That way we could continue the AO-40 plan to
>develope the microwave spectrum while at the same time not putting all
>our eggs in one basket.

The problem with microwaves in LEO sats is the huge doppler change rate,
and the usually narrow beamwidths of microwave antennas.

This means that microwave LEO sats will be only practical for fully
automated stations, that have both their rotators and their transceiver(s)
controlled by a computer, and have accurate keplerian elements and time
of day available.

Without such help, the task of pointing the antennas and tuning the
transmit and receive frequencies will be too overwhelming to make a
QSO at the same time.

This fact will of course cause lots of whining from those that don't have
such a setup and consider it too difficult or too expensive to construct.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

3510. AO-40 Update from IRC

Newsgroup: rec.radio.amateur.space
Date: 2000-12-23 21:46:45 UTC
From: George Hiscox <ghiscox@earthlink.net>
Message-ID: <c67a4tkhsafq14dko553m9kdropvs59sf9@4ax.com>
Source record: 7243

From the AMSAT IRC channel:

"Even during the Christmas days, AO-40-command stations are active.
Peter G?lzow, DB2OS, told that after another attempt of commanding
AO-40 without reaction, it must be assumed the IHU-1 has crashed.
Preparations of a special RESETsoftware are underway to switch
transmitter and IF-matrix immediately to 2-m-MB without uploading the
whole operational software before. The RESET can be tried on one of
the days following a successful testing of the software on ground."

3511. Re: ao-40 is like a sinking ship.

Newsgroup: rec.radio.amateur.space
Date: 2000-12-23 23:28:54 UTC
From: dentronman
Message-ID: <Wya16.418$BG.387942@newsfeed.intelenet.net>
Source record: 7245
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

well i think its a joke.. these people spend tons of bucks on this hype the hell out of it.. and it goes poof.. man oh gosh. Must of used some cheapo stuff.
"Dr. Conrad Connie" <coontail@my-deja.com> wrote in message news:921c2hgio1@nnrp1.deja.com...
> In article <3a4417fc.823845887@news>,
> AnonMn@netscape.net wrote:
> >
> > I'll never understand some people. How can they enjoy posting
> something
> > like this? Is there a doctor in the house? Is the doctor emotionally
>
> Oh, its quite simple really.. haven't you been around the web long
> enough to know a TROLL when you smell one ?
>
>
> Sent via Deja.com
> http://www.deja.com/

3512. ISS on 145.990 FM

Newsgroup: rec.radio.amateur.space
Date: 2000-12-24 01:22:49 UTC
From: Bruce Cox <peacox@gloryroad.net>
Message-ID: <3A454FE8.D39A8940@gloryroad.net>
Source record: 7246

Heard one of the Russian cosmonauts on 145.990 mhz today on afternoon pass over North Carolina. Heavily accented English and mentioned a location and then nothing. All this on the packet channel. Pat, K4AVO

3513. Re: ISS on 145.990 FM

Newsgroup: rec.radio.amateur.space
Date: 2000-12-24 01:57:05 UTC
From: Pervert_Extraordinaire <valued_customer1@att.com>
Message-ID: <3A458222.C8844FFD@att.com>
Source record: 7247

Bruce Cox wrote:
>
> Heard one of the Russian cosmonauts on 145.990 mhz today on afternoon
> pass over North Carolina. Heavily accented English and mentioned a
> location and then nothing. All this on the packet channel. Pat, K4AVO

<Ignorance Mode>
Can one listen to this packet channel (145.990) with a simple NFM scanner?
</Ignorance Mode>

3514. Re: AO40 and Lower Tech Sats

Newsgroup: rec.radio.amateur.space
Date: 2000-12-24 02:17:19 UTC
From: rrlanders2@my-deja.com
Message-ID: <923mbc$33f$1@nnrp1.deja.com>
Source record: 7248

In article <t49q5p328j1c7d@corp.supernews.com>,
"J. Duffy Beischel" <duffyb01@fuse.net> wrote:

> To my fellow hams, I would like you all to know, that WI0T travels
from
> Missouri to Dayton every year to make such major purchases as a roll
of
> solder, and a P.O.S. old Dumont rig converted to 6 meters (a $25
purchase)
> which had more emissions outside 6 meters than it did inside the band.

Now it only had 2 emissions, 1 of which was the 6 meter band, which
ain't bad. Too bad the other was on the St. Charles County Sheriff's
frequency...

Oh, and it was some resistors and a QSL card holder. I got the solder
at a local hamfest...Get your facts straight!!

> He will go and visit every dealer at the Hamvention to find the
dealer with
> the absolute lowest pice even if we are talking about a difference of
$.50.

Yeah, but you do follow me around..I think you enjoy it just as much
as I do....Your alter-ego ?

> I do hereby propose and make a motion that WI0T be elected President
of
> AMSAT. For if elected, Rod will have plenty of amateur sats orbiting
the
> earth that will probably cost no more than $100 each because only he
can
> squeeze a penny until Abe begs for mercy.
>
> Do I here a second?

Now you're getting nasty....

Rod

Sent via Deja.com
http://www.deja.com/

3515. Re: AO40 and Lower Tech Sats

Newsgroup: rec.radio.amateur.space
Date: 2000-12-24 02:28:36 UTC
From: rrlanders2@my-deja.com
Message-ID: <923n0g$3gg$1@nnrp1.deja.com>
Source record: 7099

In article <3A44108F.1EC59AD5@firstinter.net>,
rickw7rt@firstinter.net wrote:
> At the national AMSAT-NA convention in Tucson a few years back, a
> paper/discussion was held concerning the lack of future "easy-sats"
being
> built. At that time, the AMSAT officers did not anticipate the gob
of Mode J
> analog FM sats being constructed, but their comments were aimed more
at the mode
> A and Mode K Russian "easy-sats". Nearly all in attendance at that
meeting
> agreed that it would be a tragedy if the Radio-Sport sats all died
without any
> replacement for easy operation of Modes A&K. These were the sats
that got most
> current ham sat enthusiasts hooked in the first place.

BINGO. Rob Janssen, this is where I'm coming from.

If AO40 comes back
> alive, it will actually fulfill much of that role. If it doesn't, we
need to
> rethink doing $5M projects that take 10 years to build and get
launched, and can
> only be sent up on one or two rockets made in the world, and that are
overly
> complex, by ham standards.

It won't fulfill Mode A/K (aka EasySats), but it will allow another
step up for current satellite ops. However once RS-12/13 dies the
entry into ham satellites will be raised a notch. So while I want AO-40
back, It won't do me any good w/o significant expenditure of money
and time (assuming we build antennas).

I think we need the LEOs to attract people to satellites and then
we need the AO-40 types to continue - FM LEOs don't work nearly as well
as a Mode A with a linear transponder, and I'm sure satellite operators
get bored with the short LEO AOS-LOS time.

Otherwise, IMHO, the ham space program, outside the
> ISS is probably dead.

That might be premature, but I can't see how AMSAT could raise much
money again.

73 es Merry Christmas.

Rod

Sent via Deja.com
http://www.deja.com/

3516. Re: AO40 and Lower Tech Sats

Newsgroup: rec.radio.amateur.space
Date: 2000-12-24 05:01:37 UTC
From: treynolds@email.exide.com
Message-ID: <923vvf$9ep$1@nnrp1.deja.com>
Source record: 7100

In article <slrn94a683.nd.nomail@linux.pe1chl.ampr.org>,
nomail@rob.knoware.nl (Rob Janssen) wrote:
> treynolds@email.exide.com <treynolds@email.exide.com> wrote:
> >I agree 100% with this portion of the thread. I have been a ham for
26
> >years but only got into sats in the last couple of years, just after
AO-
> >13 died. I very much enjoy RS12/13, FO20, & FO29. A few more like
> >these would be a great idea, especially if they also included a
> >microwave transponder. That way we could continue the AO-40 plan to
> >develope the microwave spectrum while at the same time not putting
all
> >our eggs in one basket.
>
> The problem with microwaves in LEO sats is the huge doppler change
rate,
> and the usually narrow beamwidths of microwave antennas.
>
> This means that microwave LEO sats will be only practical for fully
> automated stations, that have both their rotators and their
transceiver(s)
> controlled by a computer, and have accurate keplerian elements and
time
> of day available.
>
> Without such help, the task of pointing the antennas and tuning the
> transmit and receive frequencies will be too overwhelming to make a
> QSO at the same time.
>
> This fact will of course cause lots of whining from those that don't
have
> such a setup and consider it too difficult or too expensive to
construct.

Doppler would certainly be an issue, but one that we can live with. An
extremely narrow beam on the earth station is not necessarily be
required. It would depend on the sat design.
Anyhow, what I really had in mind was a mode J or mode A bird with a
microwave downlink or uplink.

Just my opinion,
Tom

Sent via Deja.com
http://www.deja.com/

3517. Re: ao-40 is like a sinking ship.

Newsgroup: rec.radio.amateur.space
Date: 2000-12-24 05:18:51 UTC
From: "Dr. Conrad Connie" <coontail@my-deja.com>
Message-ID: <9240vp$a7f$1@nnrp1.deja.com>
Source record: 7101
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

In article <Wya16.418$BG.387942@newsfeed.intelenet.net>,
"dentronman" <w9jcm@.reno.quik.com> wrote:
> well i think its a joke.. these people spend tons of bucks on this
hype the
> hell out of it.. and it goes poof.. man oh gosh. Must of used some
cheapo
> stuff.
>
Yeah, like NASA.. but you know the big snafu , the Mars Surveyer, that
blew up before reaching Mars and cost the tax payers a billion.. used
all "taylor made circuits". The most successful little mutt, the little
rover used standard IC's..
Just goes to show yeah, it doesn't need to cost to be well designed.
But, if the AMSAT crew did not put a back-up CPU and beacon Transmitters
on board.. that was a Forest Gummper.
Yeah.. I know about the weight restrictions.. but what the hell does all
the bells and horns do if the booby bird.. craps the bed before its
first QSO?

Sent via Deja.com
http://www.deja.com/

3518. Re: ao-40 is like a sinking ship.

Newsgroup: rec.radio.amateur.space
Date: 2000-12-24 05:44:20 UTC
From: "Prof. Curt M. Breneman" <brenec@rpi.edu>
Message-ID: <3A458D34.7A8@rpi.edu>
Source record: 7102
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

Cecil wrote:
>
> "Dr. Conrad Connie" wrote:
> > Are you kidding? Do you know whats involved? This bird is way way way
> > out there, in fact at apogee almost twice as far away as a geosat.
>
> Try being optimistic instead of pesimistic. For every apogee
> there is a perigee.
> --
> http://www.mindspring.com/~w6rca
>
> Gun control assumes that most people can't be trusted,
> so we should have laws against guns, which most people
> will abide by, because most people can be trusted.

To date, no manned orbital flight has been in the region of geosynchronous orbital altitudes, so there's a long way to go for a retrieval/repair (ala Hubble) to take place. I believe that there is a radiation risk to humans in certain orbital domains in that region as well.

Curt Breneman
RPI Chemistry
KC2EBP

3519. Re: ao-40 is like a sinking ship.

Newsgroup: rec.radio.amateur.space
Date: 2000-12-24 05:52:07 UTC
From: Dan Yemiola <Dyemiola@LexComInc.Net>
Message-ID: <3A458F07.11C6C239@LexComInc.Net>
Source record: 7103
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

Dr. Conrad Connie wrote:

> In article <3A43FD87.5131F18D@LexComInc.Net>,
> Dyemiola@LexComInc.Net wrote:
> > Don't worry, be happy.
> >
> > Eventually, somebody will collect this satellite and return it to
> earth or
> > repair it.
> > NASA went and repaired the Hubble Space Telescope didn't they?
> > It will either get in somebodies way or space flight will become so
> > commonplace that this satellite will be retrieved.
> > It's just a mattter of time.
> > Dan
> > AI8O
>
> Are you kidding? Do you know whats involved? This bird is way way way
> out there, in fact at apogee almost twice as far away as a geosat.
>

Yes, I am quite aware that the satellite is "way out there" as you put it.HST's repair proved that things can be retrieved in space. There is a lot of "Space Junk" floating around in orbit. Eventually it will get in somebody's way, or someone will collect it as a "Space Antique". I don't know how soon, but unless AO-40's orbit significantly decays, someday it will be retrieved if only as an historical object by our great-grandchildren.. But IMO I don't think it will be that long.

73
Dan
AI8O

3520. Re: ao-40 is like a sinking ship.

Newsgroup: rec.radio.amateur.space
Date: 2000-12-24 16:09:00 UTC
From: Dan/W4NTI <w4nti@my-deja.com>
Message-ID: <92572p$2uf$1@nnrp1.deja.com>
Source record: 7106
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

In article <Wya16.418$BG.387942@newsfeed.intelenet.net>,
"dentronman" <w9jcm@.reno.quik.com> wrote:
> well i think its a joke.. these people spend tons of bucks on this
hype the
> hell out of it.. and it goes poof.. man oh gosh. Must of used some
cheapo
> stuff.
> "Dr. Conrad Connie" <coontail@my-deja.com> wrote in message
> news:921c2hgio1@nnrp1.deja.com...
> > In article <3a4417fc.823845887@news>,
> > AnonMn@netscape.net wrote:
> > >
> > > I'll never understand some people. How can they enjoy posting
> > something
> > > like this? Is there a doctor in the house? Is the doctor
emotionally
> >
> > Oh, its quite simple really.. haven't you been around the web long
> > enough to know a TROLL when you smell one ?
> >
> >
> > Sent via Deja.com
> > http://www.deja.com/
>
>
It's called 'pushing the envelope', 'experimentation', 'advancing the
state of the art'.

And as we all know....sh*& happens.

Dan/W4NTI

--
"Just tellin the truth, and they cain't stand it."

Sent via Deja.com
http://www.deja.com/

3521. Re: ao-40 is like a sinking ship.

Newsgroup: rec.radio.amateur.space
Date: 2000-12-24 16:10:59 UTC
From: Rick Tannehill <rickw7rt@firstinter.net>
Message-ID: <3A462013.74D3EB05@firstinter.net>
Source record: 7104
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

Dan Yemiola wrote:

> Dr. Conrad Connie wrote:
>
>> In article <3A43FD87.5131F18D@LexComInc.Net>,
>> Dyemiola@LexComInc.Net wrote:
>> > Don't worry, be happy.
>> >
>> > Eventually, somebody will collect this satellite and return it to
>> earth or
>> > repair it.
>> > NASA went and repaired the Hubble Space Telescope didn't they?
>> > It will either get in somebodies way or space flight will become
>> so
>> > commonplace that this satellite will be retrieved.
>> > It's just a mattter of time.
>> > Dan
>> > AI8O
>>
>> Are you kidding? Do you know whats involved? This bird is way way
>> way
>> out there, in fact at apogee almost twice as far away as a geosat.
>>
>
> Yes, I am quite aware that the satellite is "way out there" as you put
> it.HST's repair proved that things can be retrieved in space. There is
> a lot of "Space Junk" floating around in orbit. Eventually it will get
> in somebody's way, or someone will collect it as a "Space Antique". I
> don't know how soon, but unless AO-40's orbit significantly decays,
> someday it will be retrieved if only as an historical object by our
> great-grandchildren.. But IMO I don't think it will be that long.
>
> 73
> Dan
> AI8O
>

Hubble's orbit, which is very nearly circular to begin with, was lowered
to about 250 miles each time it was worked on. This would then presume
that we have power and control over AO40, which we do not (at the
present time). The chances of retrieval of a $4M amateur spacecraft by
a $100M shuttle flight are somewhere between slim and none. Physics and
economics just don't see that one in the cards.

Rick T.
W7RT

3522. VK3JED Comments RE AO-40 Recovery Efforts

Newsgroup: rec.radio.amateur.space
Date: 2000-12-24 16:16:32 UTC
From: George Hiscox <ghiscox@earthlink.net>
Message-ID: <128c4tgn1s73c4hci13l24o0a0r9d7p17h@4ax.com>
Source record: 7105

The code did what it was supposed to do, which was cycling the
He highpressure valve as part of the work on the propulsion system.
After the first burn it was noted that a valve on the the high
pressure side did not fully opened, thus it took a long time until the
fuel tanks reached normal operating pressure and once the motor
started, the pressure was going dropping again.

The error message you have seen simply means, that the definition
for "MANY_ARMS" was already loaded into the computer. This is
like trying to compile a program with two subroutines with the
same name.. Thus IPS aborted this upload and complained, nothing
happens. The command station probably sent this block twice,
but this is no harm.. The blocks you saw were special telemetry when
the program was executed.. not a crash..

Glad to see that more people now trying to understand how
IPS works.. :)

I'm started working on a more detailed report, but handling all
the eMail traffic isn't easy too.. and indeed I still hope that
this report might get obsolete in the next 1-2 days..

The IHU-2 is an experimental computer, which was very helpfull to
download the separation images and use the camera as an additional
tool for navigation. Otherwise the IHU-2 has no other function and no
access to the spacecraft bus. It shared however the Middle Beacon
with the IHU-1 and since there is only a MB (due to the smaller
bandwidth on 2m) on the V-TX, a repeater program was needed to get
IHU-1 telemetry. We could also simply have turned the IHU-2 off and
than the MB will automatically carry the IHU-1 telemetry using a
hardware switching logic.

The IHU-1 is made of radhard components, in particular the 1802 Cosmac
CPU from Harris/Sandia and also the EDAC Memory is made of radhard
RAMs. I suggest reading articles about the IHU-1 design, which was
published elsewhere.

Indeed, it can not be excluded that a part got hit by a particle and
produced an SEU, causing the IHU to crash. We will see when the
Reset/Reload procedure for the IHU-1 get's started, which will happen
probably already today..

73s Peter

3523. Re: ao-40 is like a sinking ship.

Newsgroup: rec.radio.amateur.space
Date: 2000-12-24 16:47:56 UTC
From: Dick Carroll <dixie@townsqr.com>
Message-ID: <9259bsnmf0@208.207.71.151>
Source record: 7107
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

Rick Tannehill wrote:
>
Hubble's orbit, which is very nearly circular to begin with, was
> lowered to about 250 miles each time it was worked on. This would
> then presume that we have power and control over AO40, which we do not
> (at the present time). The chances of retrieval of a $4M amateur
> spacecraft by a $100M shuttle flight are somewhere between slim and
> none. Physics and economics just don't see that one in the cards.

The only posibility would seem to be if it could be done as a minor
side project piggybacked onto another mission. That makes the odds even
slimmer that circumstances would fortuituously team up to make that
possible at all.

> Rick T.
> W7RT
>

3524. Re: ao-40 is like a sinking ship.

Newsgroup: rec.radio.amateur.space
Date: 2000-12-24 16:57:10 UTC
From: Brian Kelly <kelly@dvol.com>
Message-ID: <3A462AE6.50A2D32C@dvol.com>
Source record: 7108
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

Cecil wrote:

> Brian Kelly wrote:
> > Unfortunately nitwits are also protected by the Second Amendment.
>
> Egads Brian, is somebody going to shoot somebody?

>
Depends on how one chooses to deal with nitwits.
>
Yeah, OK, so I scrood it to the wall BIG time. Stupid Brian. First
Amendment.
>
Check http://www.house.gov/Constitution/Constitution.html for the real
thing.
>

> --
> http://www.mindspring.com/~w6rca

>
b.

3525. Re: ao-40 is like a sinking ship.

Newsgroup: rec.radio.amateur.space
Date: 2000-12-24 17:01:25 UTC
From: Fred Hambrecht <Fred@w4jle.com>
Message-ID: <925a5j$c9o$1@iac5.navix.net>
Source record: 7109
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

I guess the easiest thing in the world to do, is to set back and do nothing. This makes sure you can never screw up anything, while ridiculing any attempt by others that may go less than perfect. This is the same group that finds fault in the way we live our lives, worship our God, abhor sexual deviance, etc. and etc.

Had these folks had their way at Kitty Hawk, we would all be taking the train. I for one am sick of the nay sayers until they get off their lazy butts and accomplish anything, however slight. Until then shut up. The rule needs to be "No contribution, No comments"

Merry Christmas to Men of good will.

"Dr. Conrad Connie" <coontail@my->
> Yeah, like NASA.. but you know the big snafu , the Mars Surveyer, that
> blew up before reaching Mars and cost the tax payers a billion.. used
> all "taylor made circuits". The most successful little mutt, the little
> rover used standard IC's..
> Just goes to show yeah, it doesn't need to cost to be well designed.
> But, if the AMSAT crew did not put a back-up CPU and beacon Transmitters
> on board.. that was a Forest Gummper.
> Yeah.. I know about the weight restrictions.. but what the hell does all
> the bells and horns do if the booby bird.. craps the bed before its
> first QSO?
>
>
> Sent via Deja.com
> http://www.deja.com/

3526. Re: ao-40 is like a sinking ship.

Newsgroup: rec.radio.amateur.space
Date: 2000-12-24 17:47:41 UTC
From: Dick Carroll <dixie@townsqr.com>
Message-ID: <925crt$32p$0@208.207.71.151>
Source record: 7110
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

Yes, but Fred...if you want to get a close-up view of how "Momentum" and desire to keep the project on schedule get in the way of doing it right, read the late physicist Richard P Feynman's report on the investigation of the Space Shuttle Challenger disaster.

Feynman was a member of the special commission which did the investigation and if not for him and his firm insistence on *doing it right and fully reporting and disclosing ALL the facts* we'd still not know what caused the disaster. It woulod have been swept under a carpet of doubletalk and obfuscation.

I found his report in the book "The Pleasure of Finding Things Out",The Best Short Works of Richard P. Feynman, by the author, as "Richard P. Feynman's Minority Report to the Space Shuttle Challenger Disaster Inquiry", chapter 7 page 151. Helix Books, Perseus Books Group. ISBN 0-7382-0349-1 http://www.perseuspublishing.com.

Note that his was the "Minority Report" which contained exactly what he found to be the facts. He wouldn't have done it any other way.
Makes you wonder about some of the many spin doctors operating here on rrap and so many other areas today.

Dick

Fred Hambrecht wrote:
>
> I guess the easiest thing in the world to do, is to set back and do nothing.
> This makes sure you can never screw up anything, while ridiculing any
> attempt by others that may go less than perfect. This is the same group that
> finds fault in the way we live our lives, worship our God, abhor sexual
> deviance, etc. and etc.
>
> Had these folks had their way at Kitty Hawk, we would all be taking the
> train. I for one am sick of the nay sayers until they get off their lazy
> butts and accomplish anything, however slight. Until then shut up. The rule
> needs to be "No contribution, No comments"
>
> Merry Christmas to Men of good will.
>
> "Dr. Conrad Connie" <coontail@my->
> > Yeah, like NASA.. but you know the big snafu , the Mars Surveyer, that
> > blew up before reaching Mars and cost the tax payers a billion.. used
> > all "taylor made circuits". The most successful little mutt, the little
> > rover used standard IC's..
> > Just goes to show yeah, it doesn't need to cost to be well designed.

> > But, if the AMSAT crew did not put a back-up CPU and beacon Transmitters
> > on board.. that was a Forest Gummper.
> > Yeah.. I know about the weight restrictions.. but what the hell does all
> > the bells and horns do if the booby bird.. craps the bed before its
> > first QSO?
> >
> >
> > Sent via Deja.com
> > http://www.deja.com/

3527. Orbit -- over the equator but not geo-synchronous

Newsgroup: rec.radio.amateur.space
Date: 2000-12-24 18:25:53 UTC
From: Cathryn Mataga <cathrynm@junglevision.com>
Message-ID: <3A463FB1.F57BD809@junglevision.com>
Source record: 7111

I had a thought. At the risk of annoying the 'build a satellite before you comment' trolls. What about an orbit, that's just over the equator, but isn't a geostationary orbit. That is, say a little lower, or maybe quite a bit lower -- so the satellite would track around the equator every day or so. Make the transponders high in frequency. 10Ghz or so.

And, then, I think this is right, it would be possible to track this satellite with only a single rotor? So, since the satellite is over the equator, the orbit always tracks over the same piece of sky exactly.

What I imagine would be a ground station that consisted of a small dish that looked similar to a Satellite TV Dish, which would affix to the side of your house -- or I guess on the roof if you live in Venezuela or something. With a single motor that could track the orbit automatically. If the dish is small, this would be a cheap and light little motor. Something like the big dish satellite receivers where you could tune in various GEO synchronous satellites.

Make the frequency of the transponders high, so that smaller dishes would give the better gain. The doppler would also be exactly the same, every orbit, (err, I think), so that tuning could be programmed from a static table of frequencies.

This would solve the 'Only the Western/Eastern Hemisphere' problem with a regular geo-synchronous orbit. But, would still give us a system that is, err, at least by one degree of freedom easier to track. Also, to the extent that the antenna looks like a DSS dish, then the people here in the US who have deed restrictions could easily put up stealth antennas.

I suppose people near the poles would be left out. But, still, this would cover a most of the planet as a compromise? Hmm?

3528. Re: ao-40 is like a sinking ship.

Newsgroup: rec.radio.amateur.space
Date: 2000-12-24 20:09:55 UTC
From: "William F. Hagen" <whagen@inreach.com>
Message-ID: <3A465813.58603C15@inreach.com>
Source record: 7112
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

Fred Hambrecht wrote:
>
> I guess the easiest thing in the world to do, is to set back and do nothing.
> This makes sure you can never screw up anything, while ridiculing any
> attempt by others that may go less than perfect. This is the same group that
> finds fault in the way we live our lives, worship our God, abhor sexual
> deviance, etc. and etc.
>
> Had these folks had their way at Kitty Hawk, we would all be taking the
> train. I for one am sick of the nay sayers until they get off their lazy
> butts and accomplish anything, however slight. Until then shut up. The rule
> needs to be "No contribution, No comments"
>
'No contribution, no comments'
I think I saw that in the Bill of Rights somewhere.
Besides, the thing at Kitty Hawk flew.

> Merry Christmas to Men of good will.
>
> "Dr. Conrad Connie" <coontail@my->
> > Yeah, like NASA.. but you know the big snafu , the Mars Surveyer, that
> > blew up before reaching Mars and cost the tax payers a billion.. used
> > all "taylor made circuits". The most successful little mutt, the little
> > rover used standard IC's..
> > Just goes to show yeah, it doesn't need to cost to be well designed.
> > But, if the AMSAT crew did not put a back-up CPU and beacon Transmitters
> > on board.. that was a Forest Gummper.
> > Yeah.. I know about the weight restrictions.. but what the hell does all
> > the bells and horns do if the booby bird.. craps the bed before its
> > first QSO?
> >
> >
> > Sent via Deja.com
> > http://www.deja.com/

3529. Re: Orbit -- over the equator but not geo-synchronous

Newsgroup: rec.radio.amateur.space
Date: 2000-12-24 22:02:54 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn94cskd.nd.nomail@linux.pe1chl.ampr.org>
Source record: 7113

Cathryn Mataga <cathrynm@junglevision.com> wrote:
>I had a thought. At the risk of annoying the 'build a satellite
>before you comment' trolls. What about an orbit, that's just over the
>equator, but isn't a geostationary orbit. That is, say a little lower,
>or maybe quite a bit lower -- so the satellite would track around the
>equator every day or so. Make the transponders high in frequency. 10Ghz or so.

ARSENE was (or is) in an orbit a bit like that. It looked very
promising, but unfortunately the builders of the satellite put a
totally useless payload on it, that never worked but would not have
worked in practice when they would not have forgotten to plug in
the antenna.
There was a mode-S transponder, but it was weak and narrowbanded.
It stopped working after a short time.

That was a wasted spaceframe, IMHO.

>And, then, I think this is right, it would be possible to track
>this satellite with only a single rotor? So, since the satellite
>is over the equator, the orbit always tracks over the same piece of
>sky exactly.

Yes. But the orbit will not remain like that without propulsion.
Influence from sun and moon will make the inclination increase, I
believe to 8 degrees or so.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

3530. Re: Orbit -- over the equator but not geo-synchronous

Newsgroup: rec.radio.amateur.space
Date: 2000-12-25 03:35:25 UTC
From: "Gary \"Joe\" Mayfield" <gary_mayfield@hotmail.com>
Message-ID: <1gz16.25153$55.4549614@news1.rdc1.ne.home.com>
Source record: 7114

ARSENE was a lot of fun, but mode S gear for that part of the band was rare, and the bird had heat problems eat it up. You still need both az and elevation rotators unless you live on the equator. Then you only need an elevation rotator. Look at it this way. If you live in North America, and the bird was in a nongeo orbit over the equator. At some time it would creep up to your horizon 0 degrees elevation in the southwest. It would continue to crawl to the east gaining elevation. The elevation would peak when the satellite was due south of you. Then it would go back down until the bird went below your horizon in the southeast.

> ARSENE was (or is) in an orbit a bit like that. It looked very
> promising, but unfortunately the builders of the satellite put a
> totally useless payload on it, that never worked but would not have
> worked in practice when they would not have forgotten to plug in
> the antenna.
> Yes. But the orbit will not remain like that without propulsion.
> Influence from sun and moon will make the inclination increase, I
> believe to 8 degrees or so.

3531. Re: Orbit -- over the equator but not geo-synchronous

Newsgroup: rec.radio.amateur.space
Date: 2000-12-25 04:59:49 UTC
From: Cathryn Mataga <cathrynm@junglevision.com>
Message-ID: <3A46D445.D081FBB@junglevision.com>
Source record: 7115

Gary \"Joe\" Mayfield wrote:
> ARSENE was a lot of fun, but mode S gear for that part of the band was rare,
> and the bird had heat problems eat it up. You still need both az and
> elevation rotators unless you live on the equator. Then you only need an
> elevation rotator. Look at it this way. If you live in North America, and
> the bird was in a nongeo orbit over the equator. At some time it would
> creep up to your horizon 0 degrees elevation in the southwest. It would
> continue to crawl to the east gaining elevation. The elevation would peak
> when the satellite was due south of you. Then it would go back down until
> the bird went below your horizon in the southeast.

I have to think about this some more. But, I believe there is a single
rotor solution to track such a thing. Let me think, what if the axis of
the rotor was tilted north, so that it pointed towards the center of the circle
that the satellite would make in your sky. And, then point the antenna,
at an angle to the mast, so it pointed directly at the satellite when
it was due south. Then, that works -- right? Hmm, this is a little
confusing.

On the equator your rotor is points exactly horizontally. But, it begins
to tilt up, as you go north or south from the equator.

3532. AO-40 RESET Attempt - Update

Newsgroup: rec.radio.amateur.space
Date: 2000-12-25 06:17:08 UTC
From: George Hiscox <ghiscox@earthlink.net>
Message-ID: <hhpd4tcvflbeb82pcrs5lv5sc9it0md4kg@4ax.com>
Source record: 7116

25-Dec-2000 / 0300Z
The command team has made some initial attempts to force a hard reset, with no apparent success. They will keep trying.

Peter Guelzow posted the following:

Dear All,
Command stations have already started sending RESET commands to the spacecraft and to upload a small program to re-configure the TX and MATRIX for Middle Beacon on 2m.

So far, no success. Command stations will continue to reset & upload using different command receivers. Even if we do not have immediate success, there are still a couple of possibilities to try.

AO-10 is at close to the same spot in the sky at the moment as AO-40. Unfortunately some moron has figured out how to send 400 bps PSK with the proper downlink sync vector and is blasting away through AO-10 at the approximate AO-40 downlink frequency. He's transmitting AO-40 decoded telemetry frames from another program. Fortunately, this idiot is too stupid to put the telemetry blocks in the proper format and what appears is ASCII text in a decoded format, rather than true AO-40 telemetry blocks......

So, be warned if you see something which sounds like AO-40 on 2m, it may not be AO-40 ;(

This all isn't funny, but let's think positive..

73s Peter

3533. Re: Orbit -- over the equator but not geo-synchronous

Newsgroup: rec.radio.amateur.space
Date: 2000-12-25 06:30:27 UTC
From: Rory Davis <n7cr@bellsouth.net>
Message-ID: <NPB16.929$Gc5.20661@news1.atl>
Source record: 7117

Sounds like what has been described is the application of a polar mount antenna, used in C-band satellite TV reception.. The axis of rotation of the dish is parallel to the axis of the earth's rotation, the angle from vertical depending upon latitude. The description of the track (quoted below) is pretty much how you would describe the "Clarke belt", the imaginary line which the visible geosync satellites lie upon as viewed from any point on earth.

Keep in mind that a satellite with a lower orbit would not appear as high in the sky as the geosats, however the track would appear to be very similar in its arc, with the 0 degree elevation ends of the arc farther to the south (or north, if viewing from the southern hemisphere) than the Clarke belt.

To steer the antenna, only a simple linear actuator is needed unless the track of the bird deviates significantly out of the plane of the belt.

Rory N7CR

"Cathryn Mataga" <cathrynm@junglevision.com> wrote in message news:3A46D445.D081FBB@junglevision.com...
> Gary \"Joe\" Mayfield wrote:
> > ARSENE was a lot of fun, but mode S gear for that part of the band was rare,
> > and the bird had heat problems eat it up. You still need both az and
> > elevation rotators unless you live on the equator. Then you only need an
> > elevation rotator. Look at it this way. If you live in North America, and
> > the bird was in a nongeo orbit over the equator. At some time it would
> > creep up to your horizon 0 degrees elevation in the southwest. It would
> > continue to crawl to the east gaining elevation. The elevation would peak
> > when the satellite was due south of you. Then it would go back down until
> > the bird went below your horizon in the southeast.
>
>
> I have to think about this some more. But, I believe there is a single
> rotor solution to track such a thing. Let me think, what if the axis of
> the rotor was tilted north, so that it pointed towards the center of the circle
> that the satellite would make in your sky. And, then point the antenna,
> at an angle to the mast, so it pointed directly at the satellite when
> it was due south. Then, that works -- right? Hmm, this is a little
> confusing.

>
> On the equator your rotor is points exactly horizontally. But, it begins
> to tilt up, as you go north or south from the equator.

3534. Re: Orbit -- over the equator but not geo-synchronous

Newsgroup: rec.radio.amateur.space
Date: 2000-12-25 07:46:51 UTC
From: Rory Davis <n7cr@bellsouth.net>
Message-ID: <pXC16.940$Gc5.21636@news1.atl>
Source record: 7118

Absolutely. Correction for declination is an essential aspect of setting up a polar mount antenna. Perhaps I should have mentioned it in my earlier post. I made an inference to declination when I mentioned that a satellite in a lower orbit would have a lower zenith angle, hoping someone would bring up the subject of declination.

I think the assumption of this thread was that the satellite would be in a circular equatorial orbit. Seems to me that declination would be constant in that case, wouldn't it?.

In practical terms, the declination angle is compensated for by offsetting the boresight line of the antenna away from perpendicular of the rotation axis, toward the horizon. The lower the orbit of the satellite, the greater the angle will diverge from perpendicular of the rotation axis of the mount.

73,
Rory N7CR

In a separate email, Alan Larson wrote,

> Unless the satellite maintains approximately the same altitude,
> the polar mount doesn't track too well. You can tweak them to track
> the geo arc pretty well, by slightly misaligning the main polar axis,
> and misaligning the declination a little bit to make up for it, but
> that still assumes that the satellies are all at the same altitude.
>
> For lower altitudes, you need a greater declination or you look "over"
> them.

"Rory Davis" <n7cr@bellsouth.net> wrote in message
news:NPB16.929$Gc5.20661@news1.atl...
>
> Sounds like what has been described is the application of a polar mount
> antenna, used in C-band satellite TV reception.. The axis of rotation of
the
> dish is parallel to the axis of the earth's rotation, the angle from
> vertical depending upon latitude. The description of the track (quoted
> below) is pretty much how you would describe the "Clarke belt", the
> imaginary line which the visible geosync satellites lie upon as viewed
from
> any point on earth.
>
> Keep in mind that a satellite with a lower orbit would not appear as high
in
> the sky as the geosats, however the track would appear to be very similar
in

> its arc, with the 0 degree elevation ends of the arc farther to the south
> (or north, if viewing from the southern hemisphere) than the Clarke belt.
>
> To steer the antenna, only a simple linear actuator is needed unless the
> track of the bird deviates significantly out of the plane of the belt.
>
> Rory N7CR
>
>
> "Cathryn Mataga" <cathrynm@junglevision.com> wrote in message
> news:3A46D445.D081FBB@junglevision.com...
> > Gary \"Joe\" Mayfield wrote:
> > > ARSENE was a lot of fun, but mode S gear for that part of the band was
> rare,
> > > and the bird had heat problems eat it up. You still need both az and
> > > elevation rotators unless you live on the equator. Then you only need
> an
> > > elevation rotator. Look at it this way. If you live in North
America,
> and
> > > the bird was in a nongeo orbit over the equator. At some time it
would
> > > creep up to your horizon 0 degrees elevation in the southwest. It
would
> > > continue to crawl to the east gaining elevation. The elevation would
> peak
> > > when the satellite was due south of you. Then it would go back down
> until
> > > the bird went below your horizon in the southeast.
> >
> >
> > I have to think about this some more. But, I believe there is a single
> > rotor solution to track such a thing. Let me think, what if the axis of
> > the rotor was tilted north, so that it pointed towards the center of the
> circle
> > that the satellite would make in your sky. And, then point the antenna,
> > at an angle to the mast, so it pointed directly at the satellite when
> > it was due south. Then, that works -- right? Hmm, this is a little
> > confusing.
> >
> > On the equator your rotor is points exactly horizontally. But, it
begins
> > to tilt up, as you go north or south from the equator.
>
>

3535. FS: AEA DSP-2232 Multi-mode Data Controller

Newsgroup: rec.radio.amateur.space
Date: 2000-12-25 17:54:13 UTC
From: "W. Shell" <n6ws@msn.com>
Message-ID: <fd2f4t4lf03kg6j73mvu58vi1u7fee3ems@4ax.com>
Source record: 7119

For Sale: Clean DSP-2232 Multi-mode Data Controller
Non-smoker, original box.
Asking $300 + UPS

73, Bill
N6WS
n6ws@msn.com

3536. Re: FS: AEA DSP-2232 Multi-mode Data Controller

Newsgroup: rec.radio.amateur.space
Date: 2000-12-25 18:26:51 UTC
From: Greg <greglh@gte.net>
Message-ID: <3A4791DA.B38B4996@gte.net>
Source record: 7120

SOLD.
See my personal email for details.
K7YDL

"W. Shell" wrote:

> For Sale: Clean DSP-2232 Multi-mode Data Controller
> Non-smoker, original box.
> Asking $300 + UPS
>
> 73, Bill
> N6WS
> n6ws@msn.com

3537. Re: Orbit -- over the equator but not geo-synchronous

Newsgroup: rec.radio.amateur.space
Date: 2000-12-25 22:57:38 UTC
From: Cathryn Mataga <cathrynm@junglevision.com>
Message-ID: <3A47D0E2.42BD83A1@junglevision.com>
Source record: 7121

Rory Davis wrote:
>
> Absolutely. Correction for declination is an essential aspect of setting up
> a polar mount antenna. Perhaps I should have mentioned it in my earlier
> post. I made an inference to declination when I mentioned that a satellite
> in a lower orbit would have a lower zenith angle, hoping someone would bring
> up the subject of declination.
>
> I think the assumption of this thread was that the satellite would be in a
> circular equatorial orbit. Seems to me that declination would be constant in
> that case, wouldn't it?.
>
> In practical terms, the declination angle is compensated for by offsetting
> the boresight line of the antenna away from perpendicular of the rotation
> axis, toward the horizon. The lower the orbit of the satellite, the greater
> the angle will diverge from perpendicular of the rotation axis of the mount.

Yup, I was thinking circular orbit, though I never said that. But, you're
right. I think pretty obviously it needs to be a circular orbit to track the
same location in the sky from the earth. And, that's really the main point.

I don't know how hard this is to achieve, but I assume it's similar
to the geostationary orbits, so there must be some experience with this.
I assume, though, it'd still need to be a mother huge satellite to reach
such an orbit.

I thought of a name. Phase 3.5. Not quite geostationary, but
going in that direction. Rather than going for 5/10Ghz,
maybe it could be on 1.2/2.4 using using old C-Band dishes -- keeping the tracking
mechanism and everything. If people were running 7 foot C-band dishes, maybe
we'd get decent link margins, and would be able to do some interesting stuff.
Though I'm still partial to going higher in frequency, and smaller
in dish size.

>
> 73,
> Rory N7CR
>
> In a separate email, Alan Larson wrote,
>
> > Unless the satellite maintains approximately the same altitude,
> > the polar mount doesn't track too well. You can tweak them to track
> > the geo arc pretty well, by slightly misaligning the main polar axis,
> > and misaligning the declination a little bit to make up for it, but
> > that still assumes that the satellies are all at the same altitude.

> >
> > For lower altitudes, you need a greater declination or you look "over"
> > them.
>
> "Rory Davis" <n7cr@bellsouth.net> wrote in message
> news:NPB16.929$Gc5.20661@news1.atl...
> >
> > Sounds like what has been described is the application of a polar mount
> > antenna, used in C-band satellite TV reception.. The axis of rotation of
> the
> > dish is parallel to the axis of the earth's rotation, the angle from
> > vertical depending upon latitude. The description of the track (quoted
> > below) is pretty much how you would describe the "Clarke belt", the
> > imaginary line which the visible geosync satellites lie upon as viewed
> from
> > any point on earth.
> >
> > Keep in mind that a satellite with a lower orbit would not appear as high
> in
> > the sky as the geosats, however the track would appear to be very similar
> in
> > its arc, with the 0 degree elevation ends of the arc farther to the south
> > (or north, if viewing from the southern hemisphere) than the Clarke belt.
> >
> > To steer the antenna, only a simple linear actuator is needed unless the
> > track of the bird deviates significantly out of the plane of the belt.
> >
> > Rory N7CR
> >
> >
> > "Cathryn Mataga" <cathrynm@junglevision.com> wrote in message
> > news:3A46D445.D081FBB@junglevision.com...
> > > Gary \"Joe\" Mayfield wrote:
> > > > ARSENE was a lot of fun, but mode S gear for that part of the band was
> > rare,
> > > > and the bird had heat problems eat it up. You still need both az and
> > > > elevation rotators unless you live on the equator. Then you only need
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> > > > elevation rotator. Look at it this way. If you live in North
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> > > > the bird was in a nongeo orbit over the equator. At some time it
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> > > > continue to crawl to the east gaining elevation. The elevation would
> > peak
> > > > when the satellite was due south of you. Then it would go back down
> > until
> > > > the bird went below your horizon in the southeast.

> > >
> > >
> > > I have to think about this some more. But, I believe there is a single
> > > rotor solution to track such a thing. Let me think, what if the axis of
> > > the rotor was tilted north, so that it pointed towards the center of the
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> > > that the satellite would make in your sky. And, then point the antenna,
> > > at an angle to the mast, so it pointed directly at the satellite when
> > > it was due south. Then, that works -- right? Hmm, this is a little
> > > confusing.
> > >
> > > On the equator your rotor is points exactly horizontally. But, it
> begins
> > > to tilt up, as you go north or south from the equator.
> >
> >

3538. AO-40 is BACK!!!

Newsgroup: rec.radio.amateur.space
Date: 2000-12-26 01:28:33 UTC
From: John W8DRO <w8dro@charter.net>
Message-ID: <t4ft32jvd9kc24@corp.supernews.com>
Source record: 7122

AO-40 is alive again! on S band 2401.305!
Bulletin from Peter will be out soon.

Thanks Santa!

3539. AO-40 is BACK!!!

Newsgroup: rec.radio.amateur.space
Date: 2000-12-26 01:29:12 UTC
From: John W8DRO <w8dro@charter.net>
Message-ID: <t4ft33ae8kg125@corp.supernews.com>
Source record: 7123

AO-40 is alive again! on S band 2401.305!
Bulletin from Peter will be out soon.

Thanks Santa!

3540. Re: AO-40 is BACK!!!

Newsgroup: rec.radio.amateur.space
Date: 2000-12-26 01:43:17 UTC
From: Cathryn Mataga <cathrynm@junglevision.com>
Message-ID: <3A47F7B5.40F489E6@junglevision.com>
Source record: 7124

John W8DRO wrote:
>
> AO-40 is alive again! on S band 2401.305!
> Bulletin from Peter will be out soon.
>
> Thanks Santa!

Seems to be the word. What a huge relief.

3541. AO-40 Update - On the air !!! So Merry Christmas to US!

Newsgroup: rec.radio.amateur.space
Date: 2000-12-26 02:07:35 UTC
From: George Hiscox <ghiscox@earthlink.net>
Message-ID: <m9vf4t0k6mpidooan334ql2fdf2vai7bnc@4ax.com>
Source record: 7125

Dear All,

we just got information from New Zealand and Australia, that AO-40
is back on Air!!

At 2000 12 25 21:45 Ian, ZL1AOX sent a RESET command through L-band
and an initialization block to switch the S2 S-Band transmitter On.

Just after the first attempt the S2 beacon came on 2401.305 MHz,
Signal was about S5 to 6 which was comparable to when S2 was
heard last during testing.

At 2000 12 26 00:30 signal strength has dropped to below S1 over a
period of
30 minutes.

The beacon was confirmed by several other stations in Australia,
including Graham VK5AGR.

Assuming this is true, we have a long way to go, but it's sure a step
in
the right direction!!!

The next thing is trying to upload IPS...

All previous attempts in the last 2 days to turn V-band On were
unsuccessful,
so we changed the strategy to try on S-Band..

Merry Christmas and Congratulations to Ian!!

73s Peter DB2OS

3542. Re: AO-40 Update - On the air !!! So Merry Christmas to US!

Newsgroup: rec.radio.amateur.space
Date: 2000-12-26 02:20:25 UTC
From: Greg <greglh@gte.net>
Message-ID: <3A480069.B4FA9C44@gte.net>
Source record: 7126

Peter, Ian, and all who put in a full day on Christmas day:

Thank you from a planet full of hams, many of whom wanted this one for
Christmas!

73's

Greg, K7YDL

George Hiscox wrote:

> Dear All,
>
> we just got information from New Zealand and Australia, that AO-40
> is back on Air!!
>
> At 2000 12 25 21:45 Ian, ZL1AOX sent a RESET command through L-band
> and an initialization block to switch the S2 S-Band transmitter On.
>
> Just after the first attempt the S2 beacon came on 2401.305 MHz,
> Signal was about S5 to 6 which was comparable to when S2 was
> heard last during testing.
>
> At 2000 12 26 00:30 signal strength has dropped to below S1 over a
> period of
> 30 minutes.
>
> The beacon was confirmed by several other stations in Australia,
> including Graham VK5AGR.
>
> Assuming this is true, we have a long way to go, but it's sure a step
> in
> the right direction!!!
>
> The next thing is trying to upload IPS...
>
> All previous attempts in the last 2 days to turn V-band On were
> unsuccessful,
> so we changed the strategy to try on S-Band..
>
> Merry Christmas and Congratulations to Ian!!
>
> 73s Peter DB2OS

3543. Where are most AO-40 discussions taking place? any chat rooms?

Newsgroup: rec.radio.amateur.space
Date: 2000-12-26 02:46:33 UTC
From: "3.14159265358979323846264338327 95" <rfspace@yahoo.com>
Message-ID: <dET16.123725$4K4.20518857@typhoon.southeast.rr.com>
Source record: 7127

Thanks,

Peter

3544. Re: Where are most AO-40 discussions taking place? any chat rooms?

Newsgroup: rec.radio.amateur.space
Date: 2000-12-26 03:06:10 UTC
From: John W8DRO <w8dro@charter.net>
Message-ID: <t4g2or7amenv33@corp.supernews.com>
Source record: 7128

IRC chatnet.org #amsat

"3.14159265358979323846264338327 95" <rfspace@yahoo.com> wrote in message news:dET16.123725$4K4.20518857@typhoon.southeast.rr.com...
> Thanks,
>
>
> Peter
>
>

3545. Re: AO-40 Update - On the air !!! So Merry Christmas to US!

Newsgroup: rec.radio.amateur.space
Date: 2000-12-26 04:34:12 UTC
From: Jim Jerzycke <kq6ea@amsat.org>
Message-ID: <3A481FC4.821675AE@amsat.org>
Source record: 7129

Well Done to all involved!
73, Jim KQ6EA

3546. Re: AO-40 Update - On the air !!! So Merry Christmas to US!

Newsgroup: rec.radio.amateur.space
Date: 2000-12-26 06:37:10 UTC
From: Sven Arne Astrup <sastrup@online.no>
Message-ID: <I0X16.1962$v46.62780@news1.oke.nextra.no>
Source record: 7130

Thanks and Merry Christmas to you Peter and the rest of the team!
I knew you would make it!

73 de Sven LA6KJ

George Hiscox <ghiscox@earthlink.net> skrev i
news:m9vf4t0k6mpidooan334ql2fdf2vai7bnc@4ax.com...
> Dear All,
>
> we just got information from New Zealand and Australia, that AO-40
> is back on Air!!
>
> At 2000 12 25 21:45 Ian, ZL1AOX sent a RESET command through L-band
> and an initialization block to switch the S2 S-Band transmitter On.
>
> Just after the first attempt the S2 beacon came on 2401.305 MHz,
> Signal was about S5 to 6 which was comparable to when S2 was
> heard last during testing.
>
> At 2000 12 26 00:30 signal strength has dropped to below S1 over a
> period of
> 30 minutes.
>
> The beacon was confirmed by several other stations in Australia,
> including Graham VK5AGR.
>
> Assuming this is true, we have a long way to go, but it's sure a step
> in
> the right direction!!!
>
> The next thing is trying to upload IPS...
>
> All previous attempts in the last 2 days to turn V-band On were
> unsuccessful,
> so we changed the strategy to try on S-Band..
>
> Merry Christmas and Congratulations to Ian!!
>
> 73s Peter DB2OS
>

3547. AMSAT AO-40 Element Set Number 17

Newsgroup: rec.radio.amateur.space
Date: 2000-12-26 06:44:41 UTC
From: vlfiscus@mcn.net
Message-ID: <t4gfipsihelu4a@news.supernews.com>
Source record: 7131
Cross-posted to: rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

Provided By Ken Ernandes, N2WWD

The following are the latest NORAD/Space Command Keplerian elements for
AO-40:

AO-40 / OSCAR 40
1 26609U 00072B 00358.71368715 -.00000218 00000-0 00000-0 0 179
2 26609 6.1593 236.5032 8131813 196.8718 93.7933 1.26873926 676

These Keps have a 22 second along track difference when compared with
NORAD
set #16.

73 and Merry Christmas

3548. Re: AO40 and Lower Tech Sats

Newsgroup: rec.radio.amateur.space
Date: 2000-12-26 12:55:01 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn94h595.nd.nomail@linux.pe1chl.ampr.org>
Source record: 7132

Jens,

Thanks for the elaborate response. I'll take only some parts from it:

topcat <topcat@catconcert.org> wrote:
>High frq's gives us smaller antennas, but they usually need to be
>directional and steerable to be usefull, which partially limits the
>usefullness of being small. I have yet to hear anyone claim that AO-40
>will be workable on a GP on 2.4GHz. Don't think so......

>Low frq's needs larger antennas, but in return, at least with LEO's,
>they can many times be unobtrusive and omnidirectional, which in some
>cases can make them MORE discrete than directional antennas for much
>higher frq's.

My experience with working satellites (both AO-10/13 and LEO packet
and linear satellites) is that you really need some directional antennas
for good results. Sure it is possible to do a "proof of concept" with
an omni, but when you want some repeatable performance you usually are
a few dB short. Once your antennas are directional you might just as
well spend some more effort and make them autotracking the satellite,
that really pays off!
(I do remember the attempts to work JAS-1 where I needed to tune two
transceivers, look at the watch and table of predicted positions, set
the antenna rotors, and type some test to the BBS at the same time...
It was *a lot of work* but also quite some satisfaction to see the station
autotrack a UoSAT, set the transceiver frequencies, and up- and download
messages without touching it, a couple of years later)

>A good reason to NOT have mode A on a bird like AO-40, since that
>would combine the disadvantages from both without any of the
>advantages. This of course only holds true at Apogee, at Perigee it's
>a different story.

Yes that is true. But the sat spends so little time at perigee that it
really isn't worth it to build a station that can only work at perigee.
I have worked AO-10 and 13 on mode B, and the situation is largely the
same there. You just *need* abt. 3m-boom yagis, except maybe for the
occasional contact that proves that is not true. And then you will
still not be a "big gun". With mode L/S antennas like that you would
have armchair signals, or at least that is what is predicted.

>>Phase 3D can easily be worked with a couple of small helices attached
>>to an appartment building balcony. With LEO sats this is inpractical
>>because you need to see most of the sky not to cut back on the already
>>short pass times.

>Omni can work well on LEO's at lower frq's.

What I mean is that when you have only 180deg coverage because you are
on a balcony (supposedly shielded to one side) you will cut back the
LEO passes even more. With Phase 3D the satellite will still be viewable
for hours.

>I'l definately try it if the bird ever comes back to life.

Luckily, it has. Time to get up those L/S stations...
(of course it it is a bit premature to assume we have lost both the
2m and 70cm transmitters, but for now it seems both don't work)

Rob
--
+---------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+---------------------------------+--------------------------------------+

3549. Thank you AMSAT/AO-40 crew, Murphy is defeated

Newsgroup: rec.radio.amateur.space
Date: 2000-12-26 18:06:16 UTC
From: Scotty Wright <wb5tla@msy.bellsouth.net>
Message-ID: <K6526.187$xc6.9146@news4.mco>
Source record: 7133

Oh me of little faith. Murphy is defeated

--
Scotty Wright
wb5tla@msy.bellsouth.net
http://personal.msy.bellsouth.net/msy/w/b/wb5tla
AOL IM scottydwd or wb5tla
ICQ # 5907718 home
ICQ # 51917626 mobile

Action should culminate in wisdom.
-Bhagavad-Gita

3550. AO-40

Newsgroup: rec.radio.amateur.space
Date: 2000-12-26 18:25:54 UTC
From: Tom Cefalo Jr <tom_cefalo@radiowavesinc.com>
Message-ID: <3A48E2B2.177A2716@radiowavesinc.com>
Source record: 7134
Body handling: Binary attachment payload not displayed: tom_cefalo.vcf

Hi Fred, well I take it back. I just read on the NG that they got the S-band on the bird to function after the reset. I guess there is still hope for the other bands.

Tom

[One or more binary attachments are retained only in the source text.]

3551. Re: Thank you AMSAT/AO-40 crew, Murphy is defeated

Newsgroup: rec.radio.amateur.space
Date: 2000-12-26 18:36:41 UTC
From: Glenn <glenn.hansen@usa.net>
Message-ID: <Zy526.193095$U46.5937705@news1.sttls1.wa.home.com>
Source record: 7135

As good as the news is, don't start counting chickens in eggs and as I recall Murphy's mother is a fat lady that has yet begun to sing.

I certainly hope it all goes good from this point but I am not holding my breath!

Glenn

"Scotty Wright" <wb5tla@msy.bellsouth.net> wrote in message news:K6526.187$xc6.9146@news4.mco...
> Oh me of little faith. Murphy is defeated
>
> --
> Scotty Wright
> wb5tla@msy.bellsouth.net
> http://personal.msy.bellsouth.net/msy/w/b/wb5tla
> AOL IM scottydwd or wb5tla
> ICQ # 5907718 home
> ICQ # 51917626 mobile
>
> Action should culminate in wisdom.
> -Bhagavad-Gita
>
>

3552. Waiting out AO-40 troubles

Newsgroup: rec.radio.amateur.space
Date: 2000-12-26 19:52:23 UTC
From: captaincrude@rocketmail.com
Message-ID: <9ash4t83vgnk6hb990gd4d6jsaj9qajt00@4ax.com>
Source record: 7136

I waited for a month on the edge of my seat to see Gee Dub finally take the White House from Big Al, Beijing's pal. It was worth the wait. I'll wait just the same for AO-40 to get past its troubles--or not. All the little voices squeaking in the night about what a terrible idea this was...I have to wonder where they were while the risk-takers and visionaries were designing, building, and negotiating for years with Ariane Space to get this bird into orbit. Oh yeah, they paid their AMSAT dues, so they're *entitled*. Har!!

Whether it works or not, the endeavor is and was worth it. Nothing good comes without hard work, pain, and ultimately having to endure the criticism of the uninvolved, unenlightened, and insolable masses that sit as sheep on the sidelines waiting for someone to feed them what they want...

There's gotta be more to it than "I paid my fee, I want my Phase 3D." Waaahhhh!

AMSAT, thanks for staying in the fight. See ya on the birds.

Humbly yours

cc

3553. ISS on 143.625

Newsgroup: rec.radio.amateur.space
Date: 2000-12-26 20:02:21 UTC
From: Jim <jimh@bga.nospam.com>
Message-ID: <0tth4tgvg22ibktpsvvmlg2guas98d2on4@4ax.com>
Source record: 7137

We heard ISS on 146.625, one side of a russian
conversation on a constant carrier. A big thrill for
our first time! Picked it up at 12:56 CT on a pass
that took ISS almost overhead. Booming signal
on a 1/4 wave vertical for much of the pass.

What is the traffic on 146.625?

Is there traffic on 145.80?

Thanks, Jim

3554. AO-40 Responds

Newsgroup: rec.radio.amateur.space
Date: 2000-12-26 20:16:21 UTC
From: Bill Erhardt <erhardt@mt.net>
Message-ID: <I0726.2721$qCL5.267190727@news.randori.com>
Source record: 7138

SB SAT @ AMSAT $ANS-361.01
AMSAT SPECIAL BULLETIN

AMSAT NEWS SERVICE BULLETIN 361.01 FROM AMSAT HQ
SILVER SPRING, MD, DECEMBER 26, 2000
TO ALL RADIO AMATEURS
BID: $ANS-361.01

ANS is pleased to confirm that AO-40 is transmitting on 2401.305 MHz.

Prior to this confirmation, the satellite had not transmitted any signals since December 13, 2000, which was shortly after the first burn of the 400-N motor.

Peter, DB2OS, provided ANS with the following information:

On December 25, 2000 at 21:45 UTC command station ZL1AOX transmitted a L-band reset command which included an initialization block to switch 'on' one of the two S-band transmitters onboard AO-40. Just after the first attempt, AO-40's S-2 beacon was received by Ian, ZL1AOX, on 2401.305 MHz. The signal strength was S-5 to S-6, which compares to S-2 when the beacon was last heard last during testing in early December.

AO-40's S-band transmitter produced a steady signal at ZL1AOX and from the doppler wobbling it was also clear that it was in fact coming from AO-40.

ZL1AOX reported that he was able to copy and observe the S-2 beacon until LOS at 03:45:15 UTC. Predicted LOS from NORAD's orbital set #12 indicated a LOS within 5 seconds of that time.

At the time of reception, AO-40's approximate distance from ZL1AOX was 61,470 kilometers.

Later today (December 26th), ZL1AOX will re-acquire AO-40 shortly after perigee with a reasonably good squint angle. He will than start reloading AO-40's IPS software. Until that task is completed, AO-40's beacon will not carry any telemetry, just carrier.

Stay tuned to ANS for additional bulletins from AMSAT, the official source for information on AMSAT OSCAR-40.

[ANS thanks AMSAT-DL and AMSAT-NA for this information]

/EX

Via the ans mailing list at AMSAT.ORG courtesy of AMSAT-NA.
To unsubscribe, send "unsubscribe ans" to Majordomo@amsat.org

3555. Re: Waiting out AO-40 troubles

Newsgroup: rec.radio.amateur.space
Date: 2000-12-26 21:56:04 UTC
From: "J. Duffy Beischel" <duffyb01@fuse.net>
Message-ID: <t4i4uc8n0ur9f4@corp.supernews.com>
Source record: 7139

I'm glad to see AO40 may be working. I would not want to see yet another launch go into the crapper. That still does not change my opinion on building large, complex sats, that take years and years to build and launch. I would rather see less comlex and lower cost sats built and launched more frequently. Seems more in-line with what amateur radio is all about.

Cheers,

Duffy

<captaincrude@rocketmail.com> wrote in message news:9ash4t83vgnk6hb990gd4d6jsaj9qajt00@4ax.com...
> I waited for a month on the edge of my seat to see Gee Dub finally take the
> White House from Big Al, Beijing's pal. It was worth the wait. I'll wait just
> the same for AO-40 to get past its troubles--or not. All the little voices
> squeaking in the night about what a terrible idea this was...I have to wonder
> where they were while the risk-takers and visionaries were designing, building,
> and negotiating for years with Ariane Space to get this bird into orbit. Oh
> yeah, they paid their AMSAT dues, so they're *entitled*. Har!!
>
> Whether it works or not, the endeavor is and was worth it. Nothing good comes
> without hard work, pain, and ultimately having to endure the criticism of the
> uninvolved, unenlightened, and insolable masses that sit as sheep on the
> sidelines waiting for someone to feed them what they want...
>
> There's gotta be more to it than "I paid my fee, I want my Phase 3D." Waaahhhh!
>
> AMSAT, thanks for staying in the fight. See ya on the birds.
>
> Humbly yours
>
> cc

3556. Re: ISS on 143.625

Newsgroup: rec.radio.amateur.space
Date: 2000-12-26 22:19:11 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn94i6av.nd.nomail@linux.pe1chl.ampr.org>
Source record: 7141

Jim <jimh@bga.nospam.com> wrote:
>We heard ISS on 146.625, one side of a russian
>conversation on a constant carrier. A big thrill for
>our first time! Picked it up at 12:56 CT on a pass
>that took ISS almost overhead. Booming signal
>on a 1/4 wave vertical for much of the pass.

>What is the traffic on 146.625?

143.625 you mean. It is the Russian crew talking to their ground station.
When you hear it over the US, they do so via a number of relay stations
on US territory.

>Is there traffic on 145.80?

Sometimes.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

3557. Re: A0-40 is a sinking ship

Newsgroup: rec.radio.amateur.space
Date: 2000-12-26 23:55:51 UTC
From: CDT <xctx@onr.com>
Message-ID: <bea26.101$dJ4.944798747@news.onr.com>
Source record: 7140

The message below indicates the tendency
of some hams to go off half-cocked without
knowing the facts.

A short Novel, by Kepler 'The sinking Ship'
>
>ao-40 is like a ship that has capsized and is upside down in cold murky
water.
>Its supporters & contributors cling to the sides in vain hopes of rescue,
but
>as time go by more and more of them with failing strength slide silently
into
>the depths of the cold murky water until nothing is left. Only a few stale
>keplerian element sets remain as a reminder of the tragedy.

3558. Re: ao-40 is like a sinking ship.

Newsgroup: rec.radio.amateur.space
Date: 2000-12-27 08:49:52 UTC
From: Craig <twinsen@getridofthis.icon.co.za>
Message-ID: <3a49ad96$0$233@helios.is.co.za>
Source record: 7142
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.space

Heh heh....you look like a real moron now....this aint the Titanic...
AO-40's alive again......well done to the ground crew!!!

3559. Looking for source of 2.4 Feedhorn

Newsgroup: rec.radio.amateur.space
Date: 2000-12-27 14:25:55 UTC
From: Jeff Kelly <jkelly@bellatlantic.net>
Message-ID: <TZm26.6049$He.2388064@typhoon2.ba-dsg.net>
Source record: 7143

Does anyone know of a source for a 2.4
feedhorn for a standard dish with 3 support
arms?

Jeff Kelly
jkelly@bellatlantic.net

3560. Re: Waiting out AO-40 troubles

Newsgroup: rec.radio.amateur.space
Date: 2000-12-27 16:10:45 UTC
From: Steve <ai7w@NoSpam.com>
Message-ID: <3a4a14b3$1_2@huge.aa.net>
Source record: 7144

I'm not sure what watching George II steal the election with the help
of his bothers Florida political machine has to do with the AO-40
effort.
Why not post your political opinions on a politcal news group?
Steve

<captaincrude@rocketmail.com> wrote in message
news:9ash4t83vgnk6hb990gd4d6jsaj9qajt00@4ax.com...
> I waited for a month on the edge of my seat to see Gee Dub finally take
the
> White House from Big Al, Beijing's pal. It was worth the wait. I'll wait
just
> the same for AO-40 to get past its troubles--or not. All the little
voices
> squeaking in the night about what a terrible idea this was...I have to
wonder
> where they were while the risk-takers and visionaries were designing,
building,
> and negotiating for years with Ariane Space to get this bird into orbit.
Oh
> yeah, they paid their AMSAT dues, so they're *entitled*. Har!!
>
> Whether it works or not, the endeavor is and was worth it. Nothing good
comes
> without hard work, pain, and ultimately having to endure the criticism of
the
> uninvolved, unenlightened, and insolable masses that sit as sheep on the
> sidelines waiting for someone to feed them what they want...
>
> There's gotta be more to it than "I paid my fee, I want my Phase 3D."
Waaahhhh!
>
> AMSAT, thanks for staying in the fight. See ya on the birds.
>
> Humbly yours
>
> cc

3561. Re: A0-40 is a sinking ship

Newsgroup: rec.radio.amateur.space
Date: 2000-12-27 16:56:40 UTC
From: Jake Brodsky <frussle@erols.com>
Message-ID: <un7k4tsl6ofc0v1lbt4pqm8600tbipfr69@4ax.com>
Source record: 7145

On Tue, 26 Dec 2000 23:55:51 GMT, "CDT" <xctx@onr.com> wrote:

>The message below indicates the tendency
>of some hams to go off half-cocked without
>knowing the facts.

You're being quite gracious. More than a few people I know would
substitute your word "some" with "most."

73,

Jake Brodsky, AB3A mailto:frussle@erols.com
"Beware of the massive impossible!"

3562. Re: AO40 and Lower Tech Sats

Newsgroup: rec.radio.amateur.space
Date: 2000-12-27 20:00:38 UTC
From: Paul Keinanen <keinanen@sci.fi>
Message-ID: <r5bk4t0vucln23usfitr8u5ta1re8dab4b@4ax.com>
Source record: 7146

On Sat, 23 Dec 2000 21:28:35 GMT, nomail@rob.knoware.nl (Rob Janssen) wrote:

>The problem with microwaves in LEO sats is the huge doppler change rate,
>and the usually narrow beamwidths of microwave antennas.

For Rx doppler compensation, you could use a similar mid-transponder beacon that AO-40 uses and have a simple separate PSK receiver at a fixed frequency (say 146.0 MHz) and use the discriminator DC error voltage to control the AFC voltage to the microwave down converter. Thus, the mid-transponder beacon IF output from the microwave down converter would fall to this fixed frequency PSK receiver and any QSO would remain at a fixed IF frequency regardless of doppler e.g. in the 2 m band.

Thus, a voltage controlled DRO would be sufficient as the LO in the microwave down converter and there would not be a need for crystal oscillator multiplier chains or PLL dividers working high in the microwave band.

The Rx converter AFC voltage could even be used to drive the Tx converter LO frequency through a suitable attenuator/amplifier, assuming similar AFC characteristics.

Paul OH3LWR

3563. Re: ao-40 is like a sinking ship.

Newsgroup: rec.radio.amateur.space
Date: 2000-12-27 20:00:39 UTC
From: Paul Keinanen <keinanen@sci.fi>
Message-ID: <lack4t0ednlokr6h28mcf51q9pqe27l8uq@4ax.com>
Source record: 7147
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.policy,rec.radio.amateur.space

On Fri, 22 Dec 2000 23:01:21 -0600, Cecil <Cecil.A.Moore@IEEE.org>
wrote:

>"Dr. Conrad Connie" wrote:
>> Are you kidding? Do you know whats involved? This bird is way way way
>> out there, in fact at apogee almost twice as far away as a geosat.

>Try being optimistic instead of pesimistic. For every apogee
>there is a perigee.

While the shuttle might reach the same altitude as the AO-40 perigee,
the problem is that due to the large eccentricity, at perigee the
AO-40 will have a speed several km/s larger than the shuttle, so there
is absolutely no way the shuttle could catch it.

Paul OH3LWR

3564. Re: AO40 and Lower Tech Sats

Newsgroup: rec.radio.amateur.space
Date: 2000-12-27 20:04:47 UTC
From: Chris Muir <cmuir@startrek.org.nz>
Message-ID: <3Zr26.2868$RJV.159514894@news.xtra.co.nz>
Source record: 7148

Anyone thought of mode T/S or H/S? These might be quite interesting even if all the V and U functionality is gone from AO-40. A mode S helix and downconverter solve the downlink side and a 100W 21 or 24Mhz TX with a dipole or vertical should cope on the uplink (I have not done the path loss calcs for the uplink though - any comment from the gurus?)

Chris ZL1BOE

Rob Janssen <nomail@rob.knoware.nl> wrote in message news:slrn94h595.nd.nomail@linux.pe1chl.ampr.org...
> Jens,
>
> Thanks for the elaborate response. I'll take only some parts from it:
>
> topcat <topcat@catconcert.org> wrote:
> >High frq's gives us smaller antennas, but they usually need to be
> >directional and steerable to be usefull, which partially limits the
> >usefullness of being small. I have yet to hear anyone claim that AO-40
> >will be workable on a GP on 2.4GHz. Don't think so......
>
> >Low frq's needs larger antennas, but in return, at least with LEO's,
> >they can many times be unobtrusive and omnidirectional, which in some
> >cases can make them MORE discrete than directional antennas for much
> >higher frq's.
>
> My experience with working satellites (both AO-10/13 and LEO packet
> and linear satellites) is that you really need some directional antennas
> for good results. Sure it is possible to do a "proof of concept" with
> an omni, but when you want some repeatable performance you usually are
> a few dB short. Once your antennas are directional you might just as
> well spend some more effort and make them autotracking the satellite,
> that really pays off!
> (I do remember the attempts to work JAS-1 where I needed to tune two
> transceivers, look at the watch and table of predicted positions, set
> the antenna rotors, and type some test to the BBS at the same time...
> It was *a lot of work* but also quite some satisfaction to see the station
> autotrack a UoSAT, set the transceiver frequencies, and up- and download
> messages without touching it, a couple of years later)
>
> >A good reason to NOT have mode A on a bird like AO-40, since that
> >would combine the disadvantages from both without any of the
> >advantages. This of course only holds true at Apogee, at Perigee it's
> >a different story.
>
> Yes that is true. But the sat spends so little time at perigee that it

> really isn't worth it to build a station that can only work at perigee.
> I have worked AO-10 and 13 on mode B, and the situation is largely the
> same there. You just *need* abt. 3m-boom yagis, except maybe for the
> occasional contact that proves that is not true. And then you will
> still not be a "big gun". With mode L/S antennas like that you would
> have armchair signals, or at least that is what is predicted.
>
> >>Phase 3D can easily be worked with a couple of small helices attached
> >>to an appartment building balcony. With LEO sats this is inpractical
> >>because you need to see most of the sky not to cut back on the already
> >>short pass times.
>
> >Omni can work well on LEO's at lower frq's.
>
> What I mean is that when you have only 180deg coverage because you are
> on a balcony (supposedly shielded to one side) you will cut back the
> LEO passes even more. With Phase 3D the satellite will still be viewable
> for hours.
>
> >I'l definately try it if the bird ever comes back to life.
>
> Luckily, it has. Time to get up those L/S stations...
> (of course it it is a bit premature to assume we have lost both the
> 2m and 70cm transmitters, but for now it seems both don't work)
>
> Rob
> --
> +---------------------------------+--------------------------------------+
> | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
> | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
> +---------------------------------+--------------------------------------+

3565. Re: AO40 and Lower Tech Sats

Newsgroup: rec.radio.amateur.space
Date: 2000-12-27 20:20:51 UTC
From: Cathryn Mataga <cathrynm@junglevision.com>
Message-ID: <3A4A4F23.1C6B63E2@junglevision.com>
Source record: 7049

Chris Muir wrote:
> Anyone thought of mode T/S or H/S? These might be quite interesting even if
> all the V and U functionality is gone from AO-40. A mode S helix and
> downconverter solve the downlink side and a 100W 21 or 24Mhz TX with a
> dipole or vertical should cope on the uplink (I have not done the path loss
> calcs for the uplink though - any comment from the gurus?)

I figure we'll take what we can get, modewise. What I
wonder now, is weather they'll still be able to steer the high
gain antennas towards the earth.

3566. Re: ISS on 143.625

Newsgroup: rec.radio.amateur.space
Date: 2000-12-27 20:37:01 UTC
From: Jim <jimh@bga.nospam.com>
Message-ID: <nhkk4t06o0pea9c8bf1en042dj5oojrfh1@4ax.com>
Source record: 7050

Thanks for the reply.

Is there any ham activity yet?

I read that there is packet available, does it beacon?

Thanks, Jim

On Tue, 26 Dec 2000 22:19:11 GMT, nomail@rob.knoware.nl (Rob Janssen)
wrote:
>Jim <jimh@bga.nospam.com> wrote:
>>We heard ISS on 146.625, one side of a russian
>>conversation on a constant carrier. A big thrill for
>>our first time! Picked it up at 12:56 CT on a pass
>>that took ISS almost overhead. Booming signal
>>on a 1/4 wave vertical for much of the pass.
>
>>What is the traffic on 146.625?
>
>143.625 you mean. It is the Russian crew talking to their ground station.
>When you hear it over the US, they do so via a number of relay stations
>on US territory.
>
>>Is there traffic on 145.80?
>
>Sometimes.
>
>Rob

3567. AO-40 is alive

Newsgroup: rec.radio.amateur.space
Date: 2000-12-27 21:17:39 UTC
From: preed@eviciti-nospam.com
Message-ID: <3a4a5c73$1_2@news2.one.net>
Source record: 7051

{from the www.amsat-dl.org website today}

IPS up & running, updated Keps

DB2OS: ZL1AOX successfully
uploaded IPS and we have now first telemetry. We are currently
investigating the telemetry to determine the status and healthy
of the spacecraft. The spacecraft will only transmit on S-Band
and we will not switch TX configuration to V-Band until we have
a better knowledge of the s/c status.

DJ4ZC: A first (quick) look has revealed that
some temperature sensors and possibly some current sensors have
been lost by whatever incident caused the telemetry transmissions
to stop. However, the power situation, in particular the battery
voltages, look nominal.
ï¿½ï¿½ï¿½We will now start a detailed analysis of the
situation; the command stations will continue to follow a conservative
philosophy with the primary target of not causing any additional
damage along with retaining as much evidence as possible for the
analysis of the incident.
ï¿½ï¿½ï¿½Furthermore, command stations will now try to
uplink the entire operational software package, which in particular
should establish positive control over the power generation system.
From there on, the communications capabilities of the spacecraft
will be explored. The 2-meter transmitter is considered off limits
for the time being (in case that it may have been damaged and
thus might have the potential to cause the IHU to crash). The
risk is too large before the WARTE-ORBITS and COMMAND-ASSIST programs
have been updated to reflect the actual capabilities of the satellite
available after the incident.
ï¿½ï¿½ï¿½During the next few days we hope to learn to
what extent the satellite was damaged and to what extent this
will impact mission targets. When we have further analysis, we
will report again.
ï¿½ï¿½ï¿½73's, Karl, DJ4ZC

Keps:

AO-40
1 26609U 00072B 00358.71368715 -.00000218 00000-0 00000-0 0 179
2 26609 6.1593 236.5032 8131813 196.8718 093.7933 01.26873926 676

Satellite: AO-40
Catalog number: 26609
Epoch time: 358.71368715

Element set: 17
Inclination: 6.1593 deg
RA of node: 236.5032 deg
Eccentricity: 0.8131813
Arg of perigee: 196.8718 deg
Mean anomaly: 93.7933 deg
Mean motion: 1.26873926 rev/day
Decay rate: -2.18E-06 rev/day^2
Epoch rev: 67
Checksum: 396

--
...phil / w8sca
00112233445566778899135790246803692581471593704948
38272616051739506284085296307419753186420987654321 0

3568. Which satellite tracking program?

Newsgroup: rec.radio.amateur.space
Date: 2000-12-27 21:51:16 UTC
From: jflanders2@home.com
Message-ID: <3a4a61bf.102590770@news>
Source record: 7052

I need a satellite tracking program that can control my KCT rotator control board and also make doppler corrections for my FT-847, preferably through the FT-847's CAT interface.

I am evaluating Nova For Windows now, and it is a _very_ nice tracking/control program, but after chasing my tuning knobs during a couple QSOs, I think I would like to try automatic doppler correction.

Recommendations? I would like to try before I buy.

Question - how well do these doppler correction programs work, anyway? I would think the correction required when I am "ahead" of the sat and working someone "behind" it are completely different from what is required when he is "behind" and I am "ahead", right? Can a doppler correction algorithm cope with this?

Jerry W4UK

3569. Re: AO40 and Lower Tech Sats

Newsgroup: rec.radio.amateur.space
Date: 2000-12-27 22:40:41 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn94krv9.8sb.nomail@linux.pe1chl.ampr.org>
Source record: 7055

Paul Keinanen <keinanen@sci.fi> wrote:
>>The problem with microwaves in LEO sats is the huge doppler change rate,
>>and the usually narrow beamwidths of microwave antennas.

>For Rx doppler compensation, you could use a similar mid-transponder
>beacon that AO-40 uses and have a simple separate PSK receiver at a
>fixed frequency (say 146.0 MHz) and use the discriminator DC error
>voltage to control the AFC voltage to the microwave down converter.
>Thus, the mid-transponder beacon IF output from the microwave down
>converter would fall to this fixed frequency PSK receiver and any QSO
>would remain at a fixed IF frequency regardless of doppler e.g. in
>the 2 m band.

I think that is a complicated solution when compared to the use of
a computer and tuning interface to the transceiver... And it only
solves the problem for receive, not for the transmit side.

>The Rx converter AFC voltage could even be used to drive the Tx
>converter LO frequency through a suitable attenuator/amplifier,
>assuming similar AFC characteristics.

I doubt that you can get it within acceptable accuracy for SSB this
way (say 100Hz). The computer solution is complicated but easily
reproducible.

Rob
--
+---------------------------------+---------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+---------------------------------+---------------------------------------+

3570. Re: Which satellite tracking program?

Newsgroup: rec.radio.amateur.space
Date: 2000-12-27 22:46:43 UTC
From: Jeff Kelly <jkelly@bellatlantic.net>
Message-ID: <nju26.528$Og.77154@typhoon2.ba-dsg.net>
Source record: 7053

Nova is probably the best but...

InstantTrack was just updated on Amsat to 1.5
(Y2K) and there is a program called InstantTune that
controls the 847. As I recall you need a null modem
serial cable between the radio and the computer.

You just have to keep the receive band on the main
vfo and turn the track/rev track off.

Works great.

Jeff Kelly
KT2K

"Jerry Flanders" <jflanders2@home.com> wrote in message
news:3a4a61bf.102590770@news...
> I need a satellite tracking program that can control my KCT rotator
> control board and also make doppler corrections for my FT-847,
> preferably through the FT-847's CAT interface.

3571. Re: AO40 and Lower Tech Sats

Newsgroup: rec.radio.amateur.space
Date: 2000-12-27 22:47:21 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn94ksbo.8sb.nomail@linux.pe1chl.ampr.org>
Source record: 7054

Cathryn Mataga <cathrynm@junglevision.com> wrote:
>Chris Muir wrote:
>> Anyone thought of mode T/S or H/S? These might be quite interesting even if
>> all the V and U functionality is gone from AO-40. A mode S helix and
>> downconverter solve the downlink side and a 100W 21 or 24Mhz TX with a
>> dipole or vertical should cope on the uplink (I have not done the path loss
>> calcs for the uplink though - any comment from the gurus?)

>I figure we'll take what we can get, modewise. What I
>wonder now, is weather they'll still be able to steer the high
>gain antennas towards the earth.

Yes, we have to hope the damage really is to the sensors only, and not
that 1/6 or more of the spacecraft has been lost in a fire or so.
When the magnetorquers don't work anymore, the sat is effectively lost
for any reasonable performing transponder operation. It would not be
possible to stabilize it or to do another burn to change the orbit.

Actually I was a bit surprised that the "first things to do" did not
include to spin down the sat and rotate it by 90 degrees, so that the
attitude is more like we know from AO-10 and 13 (bottom pointed to the
earth at apogee). Apparently the control stations have good equipment
and they can copy the telemetry, something most people seem to have
trouble with.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

3572. Re: AO40 and Lower Tech Sats

Newsgroup: rec.radio.amateur.space
Date: 2000-12-28 00:40:04 UTC
From: Jim Jerzycke <kq6ea@amsat.org>
Message-ID: <3A4A8BE4.A53EAAA7@amsat.org>
Source record: 7063

Did I miss something, or am I reading your post wrong? Do the
magnetorquers no longer work? I thought the only serious problems were
the loss of some sensors.
Jim

3573. Re: ao-40 is like a sinking ship.

Newsgroup: rec.radio.amateur.space
Date: 2000-12-28 02:09:41 UTC
From: "Dr. Conrad Connie" <coontail@my-deja.com>
Message-ID: <92e7d2$bp7$1@nnrp1.deja.com>
Source record: 7056
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.space

In article <3a49ad96$0$233@helios.is.co.za>,
"Craig" <twinsen@getridofthis.icon.co.za> wrote:
> Heh heh....you look like a real moron now....this aint the Titanic...
> AO-40's alive again......well done to the ground crew!!!
>

If its alive again they've not announced it on their web page!

--

Sent via Deja.com
http://www.deja.com/

3574. Re: Which satellite tracking program?

Newsgroup: rec.radio.amateur.space
Date: 2000-12-28 03:05:13 UTC
From: hamish@cloud.net.au
Message-ID: <J5y26.19894$Xx3.88730@news1.eburwd1.vic.optushome.com.au>
Source record: 7057

Jerry Flanders <jflanders2@home.com> wrote:
> I need a satellite tracking program that can control my KCT rotator
> control board and also make doppler corrections for my FT-847,
> preferably through the FT-847's CAT interface.

"The Station" is very good. I've only just started using it in
the last few days and I like it. It will control the FT-847,
and I think your KCT as well (although I don't have one here).

You can download it from the AMSAT web site. It's now free,
and there's a program on the AMSAT site you can use to generate
a registration code.

73
Hamish
--
Hamish Moffatt VK3SB <hamish@debian.org> <hamish@cloud.net.au>

3575. AO-40 Alive (was Re: ao-40 is like a sinking ship.)

Newsgroup: rec.radio.amateur.space
Date: 2000-12-28 04:44:19 UTC
From: Michael Black <blackm00@Gloria.CAM.ORG>
Message-ID: <Pine.LNX.4.10.10012272310030.4746-100000@Gloria.CAM.ORG>
Source record: 7058
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.space

On Thu, 28 Dec 2000, Dr. Conrad Connie wrote:

> In article <3a49ad96$0$233@helios.is.co.za>,
> "Craig" <twinsen@getridofthis.icon.co.za> wrote:
> > Heh heh....you look like a real moron now....this aint the Titanic...
> > AO-40's alive again......well done to the ground crew!!!
> >
>
> If its alive again they've not announced it on their web page!
>
Maybe you didn't look properly.

I just checked some obvious sites, and the news is here (and
probably on all kinds of other websites):

http://www.rac.ca

http://www.arrl.org

http://www.amsat.org

While this thread started with a post from someone who seemed to
be glad that there was a problem, I don't quite see why
a couple of people would say there has been a response without
there being some basis. The logical step then is to do some
looking around to see what the official websites are saying.

While I can think of plenty of times when groups have failed
because they didn't do things properly, the only way I can see
a satellite being perfectly non-risky is by not launching it.
Kind of defeats it's purpose. It would be a horrible thing if
this satellite doesn't work, after all the time and money put
into it, but even if it never worked it would hardly be a failure.

Was it Oscar 3 or 4 that ended up in a bad orbit, so it didn't
work out as intended? And then there was another Amsat sometime
in the past fifteen years, where a really large antenna had to
be used to make intital contact, because of some desensing problem.

But the first amateur radio satellite, and I thought the first amateur
satellite by any group, went up in late 1961. That was only four
years after Sputnik, the first satellite, went up. Don Stoner makes
a passing comment in CQ, wondering if anyone has any space in a rocket,
and soon someone had arranged space, and there was a satellite to launch.
Oscar One was a "completely useless" thing, with a life of a few weeks
at the most, and all it could do was send out "hi" in morse code;

I think some telemtry was sent by the method of controlling the speed of the code. What use was that? Nothing in the immediate, but terribly useful in proving that amateurs could build a satellite and empty space could be used to launch it, and then all the learning done to make it happen and track it.

While I would think some other group would have come up with the idea eventually, amateur radio was the first to hitch-hike into space. The whole concept has helped countries get into space who otherwise would not be able to afford the expense of big satellites.

The following Oscars weren't all that useful either. I don't iknow which one was the first one with a translator, but those early ones did not have a very long life, and there was that one that landed in a screwy orbit that made it's use problematic.

All that was before my time.

But I can remember when Oscar 6 went up in the fall of 1972. This was going to be the big one, more extensive than the previous ones and having a longer life. I forget exactly how long it actually lasted, but it kept going longer than they had said it would when launched.

Next year it will mark the fortieth year of amateur radio in space. Just like amateur radio is synonymous with radio, since the hobby dates back to the beginning of radio, amateur radio has practically been in space since the first satellite.

Each time an amateur satellite has been launched, it has served some purpose to extend the art. Our satellites may lag behind commercial satellites, but considering the budget considerations, we do pretty well. Those "crummy little satellites" from thirty to forty years ago may not seem all that spectacular now, but at the time they sure were, and there existence has helped lay the groundwork for the satellites that followed. People wouldn't have amateur satellites today that have lifespan in years, if those limited life satellites hadn't gone up, and any failures that have occurred over the years have helped make the next satellite better.

This latest one is number forty. There have been so many amateur satellites in these forty years that I can't keep track of them all. There must have been failures, and I thought the USSR launched some amateur satellites that used a different numbering scheme, so the count may be higher than forty.

That is an amazing accomplishment.

If this latest one doesn't work, it will be sad. But it is nothing to gloat about. And in truth, there will be future amateur satellites, and they will benefit from the launch of this latest one, whether or not it works.

Instead of trashing amateur satellites, we should be considering how few, if any, satellites are up there other than government, military and commercial. Yet there are such things as amateur radio satellites.

The real puzzle here is why we don't read about the launches in the papers, because even forty years after the first amateur satellite, another one is still a major accomplishment.

Michael VE2BVW

3576. Re: AO-40 Alive (was Re: ao-40 is like a sinking ship.)

Newsgroup: rec.radio.amateur.space
Date: 2000-12-28 05:51:23 UTC
From: "M. Schneider" <markinokla@juno.com>
Message-ID: <dyA26.24431$wE3.38680@newsfeed.slurp.net>
Source record: 7059
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.space

Michael,
Very well said! A tip of the (virtual) hat to you!
Mark
K5MAR

"Michael Black" <blackm00@Gloria.CAM.ORG> wrote in message
news:Pine.LNX.4.10.10012272310030.4746-100000@Gloria.CAM.ORG...
>
>
> On Thu, 28 Dec 2000, Dr. Conrad Connie wrote:
>
> > In article <3a49ad96$0$233@helios.is.co.za>,
> > "Craig" <twinsen@getridofthis.icon.co.za> wrote:
> > > Heh heh....you look like a real moron now....this aint the Titanic...
> > > AO-40's alive again......well done to the ground crew!!!
> > >
> >
> > If its alive again they've not announced it on their web page!
> >
> Maybe you didn't look properly.
>
> I just checked some obvious sites, and the news is here (and
> probably on all kinds of other websites):
>
> http://www.rac.ca
>
> http://www.arrl.org
>
> http://www.amsat.org
>
> While this thread started with a post from someone who seemed to
> be glad that there was a problem, I don't quite see why
> a couple of people would say there has been a response without
> there being some basis. The logical step then is to do some
> looking around to see what the official websites are saying.
>
> While I can think of plenty of times when groups have failed
> because they didn't do things properly, the only way I can see
> a satellite being perfectly non-risky is by not launching it.
> Kind of defeats it's purpose. It would be a horrible thing if
> this satellite doesn't work, after all the time and money put
> into it, but even if it never worked it would hardly be a failure.
>

> Was it Oscar 3 or 4 that ended up in a bad orbit, so it didn't
> work out as intended? And then there was another Amsat sometime
> in the past fifteen years, where a really large antenna had to
> be used to make intital contact, because of some desensing problem.
>
> But the first amateur radio satellite, and I thought the first amateur
> satellite by any group, went up in late 1961. That was only four
> years after Sputnik, the first satellite, went up. Don Stoner makes
> a passing comment in CQ, wondering if anyone has any space in a rocket,
> and soon someone had arranged space, and there was a satellite to launch.
> Oscar One was a "completely useless" thing, with a life of a few weeks
> at the most, and all it could do was send out "hi" in morse code;
> I think some telemtry was sent by the method of controlling the speed
> of the code. What use was that? Nothing in the immediate, but
> terribly useful in proving that amateurs could build a satellite
> and empty space could be used to launch it, and then all the learning
> done to make it happen and track it.
>
> While I would think some other group would have come up with the idea
> eventually, amateur radio was the first to hitch-hike into space.
> The whole concept has helped countries get into space who otherwise
> would not be able to afford the expense of big satellites.
>
> The following Oscars weren't all that useful either. I don't iknow which
> one was the first one with a translator, but those early ones did not
> have a very long life, and there was that one that landed in a screwy
> orbit that made it's use problematic.
>
> All that was before my time.
>
> But I can remember when Oscar 6 went up in the fall of 1972. This
> was going to be the big one, more extensive than the previous ones
> and having a longer life. I forget exactly how long it actually lasted,
> but it kept going longer than they had said it would when launched.
>
> Next year it will mark the fortieth year of amateur radio in space.
> Just like amateur radio is synonymous with radio, since the hobby
> dates back to the beginning of radio, amateur radio has practically
> been in space since the first satellite.
>
> Each time an amateur satellite has been launched, it has served
> some purpose to extend the art. Our satellites may lag behind
> commercial satellites, but considering the budget considerations,
> we do pretty well. Those "crummy little satellites" from thirty
> to forty years ago may not seem all that spectacular now, but at
> the time they sure were, and there existence has helped lay the groundwork
> for the satellites that followed. People wouldn't have amateur satellites
> today that have lifespan in years, if those limited life satellites
> hadn't gone up, and any failures that have occurred over the years
> have helped make the next satellite better.

>
> This latest one is number forty. There have been so many amateur
> satellites in these forty years that I can't keep track of them
> all. There must have been failures, and I thought the USSR launched
> some amateur satellites that used a different numbering scheme, so
> the count may be higher than forty.
>
> That is an amazing accomplishment.
>
> If this latest one doesn't work, it will be sad. But it is nothing
> to gloat about. And in truth, there will be future amateur satellites,
> and they will benefit from the launch of this latest one, whether or
> not it works.
>
> Instead of trashing amateur satellites, we should be considering how
> few, if any, satellites are up there other than government, military
> and commercial. Yet there are such things as amateur radio satellites.
>
> The real puzzle here is why we don't read about the launches in the
> papers, because even forty years after the first amateur satellite,
> another one is still a major accomplishment.
>
> Michael VE2BVW
>
>

3577. Re: Which satellite tracking program?

Newsgroup: rec.radio.amateur.space
Date: 2000-12-28 06:25:55 UTC
From: "J. Duffy Beischel" <duffyb01@fuse.net>
Message-ID: <t4ln7g15vaa034@corp.supernews.com>
Source record: 7060

Nova is a great program. Great support and free updates.

Regards,

Duffy

Jerry Flanders <jflanders2@home.com> wrote in message
news:3a4a61bf.102590770@news...
> I need a satellite tracking program that can control my KCT rotator
> control board and also make doppler corrections for my FT-847,
> preferably through the FT-847's CAT interface.
>
> I am evaluating Nova For Windows now, and it is a _very_ nice
> tracking/control program, but after chasing my tuning knobs during a
> couple QSOs, I think I would like to try automatic doppler correction.
>
> Recommendations? I would like to try before I buy.
>
> Question - how well do these doppler correction programs work, anyway?
> I would think the correction required when I am "ahead" of the sat and
> working someone "behind" it are completely different from what is
> required when he is "behind" and I am "ahead", right? Can a doppler
> correction algorithm cope with this?
>
> Jerry W4UK

3578. Re: Waiting out AO-40 troubles

Newsgroup: rec.radio.amateur.space
Date: 2000-12-28 06:27:25 UTC
From: "J. Duffy Beischel" <duffyb01@fuse.net>
Message-ID: <t4lnab3tshk95b@corp.supernews.com>
Source record: 7061

Steve,

I think you should follow your own advice. "George II" and "steal the election". Hardly non-political.

Regards,

Duffy

Steve <ai7w@NoSpam.com> wrote in message news:3a4a14b3$1_2@huge.aa.net...
> I'm not sure what watching George II steal the election with the help
> of his bothers Florida political machine has to do with the AO-40
> effort.
> Why not post your political opinions on a politcal news group?
> Steve
>
> <captaincrude@rocketmail.com> wrote in message
> news:9ash4t83vgnk6hb990gd4d6jsaj9qajt00@4ax.com...
> > I waited for a month on the edge of my seat to see Gee Dub finally take
> the
> > White House from Big Al, Beijing's pal. It was worth the wait. I'll
wait
> just
> > the same for AO-40 to get past its troubles--or not. All the little
> voices
> > squeaking in the night about what a terrible idea this was...I have to
> wonder
> > where they were while the risk-takers and visionaries were designing,
> building,
> > and negotiating for years with Ariane Space to get this bird into orbit.
> Oh
> > yeah, they paid their AMSAT dues, so they're *entitled*. Har!!
> >
> > Whether it works or not, the endeavor is and was worth it. Nothing good
> comes
> > without hard work, pain, and ultimately having to endure the criticism
of
> the
> > uninvolved, unenlightened, and insolable masses that sit as sheep on the
> > sidelines waiting for someone to feed them what they want...
> >
> > There's gotta be more to it than "I paid my fee, I want my Phase 3D."
> Waaahhhh!
> >
> > AMSAT, thanks for staying in the fight. See ya on the birds.

> >
> > Humbly yours
> >
> > cc
>
>

3579. Re: Which satellite tracking program?

Newsgroup: rec.radio.amateur.space
Date: 2000-12-28 07:56:51 UTC
From: Stephanie <kc7dba@netscape.net>
Message-ID: <JnC26.153$iR2.85882@news01.micron.net>
Source record: 7062

I highly recommend LogSat Pro. I have used it for 6 years now (with upgrades) and it is the best of all I have tried. I have tried Nova, InstaTrak and several others that are not defunct. You can find it at www.logsat.com. The author is great to work with and has always welcomed input from his users. Good Luck!

Stephanie KC7DBA

3580. Re: ao-40 is like a sinking ship.

Newsgroup: rec.radio.amateur.space
Date: 2000-12-28 08:22:44 UTC
From: twinsen@icon.co.za
Message-ID: <3a4af7cb.1039544@news.icon.co.za>
Source record: 7064
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.space

Look on amsat.org

They issued a hard reset and telemetry is running on S-band so far.
They have to upload all the operational software now.

On Thu, 28 Dec 2000 02:09:41 GMT, Dr. Conrad Connie
<coontail@my-deja.com> wrote:

> If its alive again they've not announced it on their web page!

3581. Re: AO40 and Lower Tech Sats

Newsgroup: rec.radio.amateur.space
Date: 2000-12-28 09:02:19 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn94m0cr.8sb.nomail@linux.pe1chl.ampr.org>
Source record: 7065

Jim Jerzycke <kq6ea@amsat.org> wrote:
>Did I miss something, or am I reading your post wrong? Do the
>magnetorquers no longer work? I thought the only serious problems were
>the loss of some sensors.

No you are reading that wrong, what I am saying is that I hope it is
limited to the sensors and there is not some larger mishap. It would not
be a good sign when some wiring is destroyed, I think.

Rob
--
+--------------------------------+-------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+-------------------------------------+

3582. Re: ISS on 143.625

Newsgroup: rec.radio.amateur.space
Date: 2000-12-28 09:03:04 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn94m0e8.8sb.nomail@linux.pe1chl.ampr.org>
Source record: 7066

Jim <jimh@bga.nospam.com> wrote:
>Thanks for the reply.

>Is there any ham activity yet?

>I read that there is packet available, does it beacon?

Not much activity yet.

Rob
--
+--------------------------------+-------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+-------------------------------------+

3583. Re: Waiting out AO-40 troubles

Newsgroup: rec.radio.amateur.space
Date: 2000-12-28 10:05:36 UTC
From: Hil <hils@nospam.demon.co.uk>
Message-ID: <S2Dw6EAwBxS6Ewxd@newearth.demon.co.uk>
Source record: 7070

In article <t4i4uc8n0ur9f4@corp.supernews.com>, J. Duffy Beischel
<duffyb01@fuse.net> writes

>I'm glad to see AO40 may be working. I would not want to see yet another
>launch go into the crapper. That still does not change my opinion on
>building large, complex sats, that take years and years to build and launch.
>I would rather see less comlex and lower cost sats built and launched more
>frequently. Seems more in-line with what amateur radio is all about.

It certainly won't help anyone if AO40 fails, but it's easy to
undervalue accessible LEOs like the RS series and the UoSats. I agree
with what's just been written--plus I'd rather see more magnetometers
and CCDs (perhaps pointing outward!) than yet more store-and-forward
messaging systems.

--
Hil

3584. Re: Which satellite tracking program?

Newsgroup: rec.radio.amateur.space
Date: 2000-12-28 11:05:33 UTC
From: Gerry <ka1stz@yahoo.com>
Message-ID: <t4m7k152kp012f@corp.supernews.com>
Source record: 7067

I am currently using Nova (although not for tuning). I really like this software. Free updates, active author. It also works with many interfaces (I built the Fodtrack, and it works great!). I had been purchased Logsat in the past; my version was not Y2K compliant on this computer, and I was not going to buy the new version again. I was looking for an inexpensive upgrade, which I did not find with them. -Gerry

"Stephanie" <kc7dba@netscape.net> wrote in message news:JnC26.153$iR2.85882@news01.micron.net...
> I highly recommend LogSat Pro. I have used it for 6 years now (with
> upgrades) and it is the best of all I have tried. I have tried Nova,
> InstaTrak and several others that are not defunct. You can find it at
> www.logsat.com. The author is great to work with and has always welcomed
> input from his users. Good Luck!
>
> Stephanie KC7DBA

3585. ISS data bursts

Newsgroup: rec.radio.amateur.space
Date: 2000-12-28 11:25:37 UTC
From: Ash <ash@gravitywell.org>
Message-ID: <3A4B2330.5AF18A05@gravitywell.org>
Source record: 7068

Sometimes I hear the guys on ISS transmit databursts on 143.625
In what mode is this? Any software decodes for pc for this?
They started using the amateur packet radio instead of their own slow
telemetry transmitter , or so I read, is this what I'm hearing?

//Ash

3586. Re: AO40 and Lower Tech Sats

Newsgroup: rec.radio.amateur.space
Date: 2000-12-28 11:51:38 UTC
From: Paul Keinanen <keinanen@sci.fi>
Message-ID: <pd3m4t80276qf5fomcs07924pc45l6a6v6@4ax.com>
Source record: 7069

On Wed, 27 Dec 2000 22:40:41 GMT, nomail@rob.knoware.nl (Rob Janssen) wrote:

>I think that is a complicated solution when compared to the use of
>a computer and tuning interface to the transceiver... And it only
>solves the problem for receive, not for the transmit side.

I still haven't seen any multiband "satellite" transceiver with a built in satellite tracking program :-). Since some satellite tracking programs run very nicely on a 286 PC without a floating point processor, so any decent embedded 16 bit processor in the transceiver should be able to calculate the orbit within the transceiver.

However, there are several disadvantages relying on the calculated orbit. First of all, the keplerian elements must be accurate to a few seconds for a LEO bird, which means frequent element updates and element distribution to all stations. The time at each station must be correct within a few seconds and the location of the receiving station should be accurately known (just observe how hard it is for many hams to get their locator correctly from the map :-).

A GPS receiver would solve the location and time problem, but that would be an overkill.

The LEO AmSat could constantly transmit the satellite location and speed and acceleration vectors (derived from an onboard GPS receiver), thus the receiving station could predict the location of the satellite accurately. This would solve the element distribution and accuracy problem as well as the timing problem, but not the ground station location problem.

However, directly measuring the received doppler error from the mid band beacon solves all those accuracy problems as well as compensates for the satellite transverter frequency drift.

>
>>The Rx converter AFC voltage could even be used to drive the Tx
>>converter LO frequency through a suitable attenuator/amplifier,
>>assuming similar AFC characteristics.
>
>I doubt that you can get it within acceptable accuracy for SSB this
>way (say 100Hz). The computer solution is complicated but easily
>reproducible.

With a 1 kHz/V tuning sensitivity for 145 MHz and 3 kHz/V for 435 MHz and 9 kHz/V that would not be too hard, if a linear tuning range can be implemented.

Anyway, if a common VCXO (say 100 MHz) is used to drive both the U-band Rx (500 MHz LO) and the L-band Tx converter (1500 MHz LO) with extra multiplier stages for the higher bands, there would be a nearly perfect tracking. Unfortunately, the IFs would be "nonstandard" (65 MHz Rx and 230 MHz Tx).

Paul OH3LWR

3587. Re: AO40 and Lower Tech Sats

Newsgroup: rec.radio.amateur.space
Date: 2000-12-28 13:36:43 UTC
From: Jim Jerzycke <kq6ea@amsat.org>
Message-ID: <3A4B41EB.8FE0E44F@amsat.org>
Source record: 7071

Guess I somehow misread it. Long day at work!
Thanks, Jim

3588. Re: AO40 and Lower Tech Sats

Newsgroup: rec.radio.amateur.space
Date: 2000-12-28 13:39:32 UTC
From: Jim Jerzycke <kq6ea@amsat.org>
Message-ID: <3A4B4294.AAC45B8@amsat.org>
Source record: 7072

My Drake TR-270 follows AO-27 quite nicely. I was amazed to watch it keep the deviation meter pretty well centered during the first pass I tried it on. Of course, FM has the built-in advantage of the carrier being always on!
Regards, Jim

3589. Re: AO40 and Lower Tech Sats

Newsgroup: rec.radio.amateur.space
Date: 2000-12-28 13:54:43 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn94mhh3.8sb.nomail@linux.pe1chl.ampr.org>
Source record: 7073

Paul Keinanen <keinanen@sci.fi> wrote:
>On Wed, 27 Dec 2000 22:40:41 GMT, nomail@rob.knoware.nl (Rob Janssen)
>wrote:

>>I think that is a complicated solution when compared to the use of
>>a computer and tuning interface to the transceiver... And it only
>>solves the problem for receive, not for the transmit side.

>I still haven't seen any multiband "satellite" transceiver with a
>built in satellite tracking program :-). Since some satellite tracking
>programs run very nicely on a 286 PC without a floating point
>processor, so any decent embedded 16 bit processor in the transceiver
>should be able to calculate the orbit within the transceiver.

Yes, that is indeed strange. I would expect the same thing from an
electronic rotator control box. Just upload the keps via an RS232
interface... it could be an extra mode in addition to what is available
now.

But, it seems like only very recently the hamradio manufacturers have
started to realise that the computer control interface they offer is
seriously lacking. I have several older boxes that have "CAT" or "CI-V"
but that do not allow the control of all features present on the front
panel. And in every case the documentation is poor and incomplete.

>However, there are several disadvantages relying on the calculated
>orbit. First of all, the keplerian elements must be accurate to a few
>seconds for a LEO bird, which means frequent element updates and
>element distribution to all stations. The time at each station must be
>correct within a few seconds and the location of the receiving station
>should be accurately known (just observe how hard it is for many hams
>to get their locator correctly from the map :-).

>A GPS receiver would solve the location and time problem, but that
>would be an overkill.

It should be possible to use a GPS receiver once for location, and in
fact a "QTH locator" should be accurate enough. Leaves only the problem
of knowing the location. Time can be set from a time standard receiver,
or the Internet.
GPS receivers are getting cheaper and smaller all the time, I expect
that they will soon be integrated into handhelds. But of course it
would be an additional item for most existing stations.

Rob
--
+--------------------------------+--------------------------------------+

```
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
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```

3590. Re: ao-40 is like a sinking ship.

Newsgroup: rec.radio.amateur.space
Date: 2000-12-28 15:29:18 UTC
From: preed@eviciti-nospam.com
Message-ID: <3a4b5c4e$1_1@news2.one.net>
Source record: 7074
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.space

In article <92e7d2$bp7$1@nnrp1.deja.com>, coontail@my-deja.com says...
>
>
> If its alive again they've not announced it on their web page!

Look at www.amsat-dl.org

--
...phil / w8sca
00112233445566778899135790246803692581471593704948
382726160517395062840852963074197531864209876543210

3591. Thanks to AMSAT-UK and a speculation

Newsgroup: rec.radio.amateur.space
Date: 2000-12-29 01:16:12 UTC
From: user
Message-ID: <56pn4tkq91t8clkprvs77d5730ek5at5m0@4ax.com>
Source record: 7075

My thanks to the entire AMSAT ao-40 team for their efforts and special
appreciation to AMSAT-UK for the information flow.
Is it possible that ao-40 took a meteor/spacejunk hit that would
account for the spin rate and damage?

--
Eddie Seymour,WB4MLE
Delete the capital letters:
wb4mleAT@mindspringDOT.com

3592. Re: AO-40 Alive (was Re: ao-40 is like a sinking ship.)

Newsgroup: rec.radio.amateur.space
Date: 2000-12-29 01:51:48 UTC
From: jeffreyh@Hawaii.Edu
Message-ID: <92gqnk$4dh$1@news.hawaii.edu>
Source record: 7076
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.space

How about some long-range dreaming: At least seven private corporations are planning on sending packages to the moon (CNN news item). Just think if we could have them include some amateur gear with their launches. What obstacles would have to be overcome in order to have equipment that would work in the lunar environment?

If each of us kicked in ten bucks, would the nearly $7M generated be enough to fund such a project?

KH6O

3593. Re: AO-40 Alive (was Re: ao-40 is like a sinking ship.)

Newsgroup: rec.radio.amateur.space
Date: 2000-12-29 02:45:35 UTC
From: "William F. Hagen" <whagen@inreach.com>
Message-ID: <3A4BFACF.5091D599@inreach.com>
Source record: 7078
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.space

The obstacles that would need to be overcome would include the power demands from that far a distance. I have always thought a 2 meter repeater on the moom would be a nice accomplishment.

Jeffrey Herman wrote:
>
> How about some long-range dreaming: At least seven private
> corporations are planning on sending packages to the moon
> (CNN news item). Just think if we could have them include
> some amateur gear with their launches. What obstacles would
> have to be overcome in order to have equipment that would
> work in the lunar environment?
>
> If each of us kicked in ten bucks, would the nearly $7M generated
> be enough to fund such a project?
>
> KH6O

3594. Re: AO-40 Alive (was Re: ao-40 is like a sinking ship.)

Newsgroup: rec.radio.amateur.space
Date: 2000-12-29 03:04:21 UTC
From: gbeaman@pei.sympatico.ca
Message-ID: <3a4bf378.40804695@news1.pei.sympatico.ca>
Source record: 7077
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.space

Michael Black <blackm00@Gloria.CAM.ORG> wrote:

--cut of very nicely done history of hams in space--

>
>Instead of trashing amateur satellites, we should be considering how
>few, if any, satellites are up there other than government, military
>and commercial. Yet there are such things as amateur radio satellites.
>
>The real puzzle here is why we don't read about the launches in the
>papers, because even forty years after the first amateur satellite,
>another one is still a major accomplishment.
>
> Michael VE2BVW
>
>
Exactly and precisely Michael...very well put, and although I'm not very active on satellites (I've worked RS10/11 a few times on CW) I certainly admire you 'satellite guys'...ignore the naysayers sir, feel justifiably proud of your accomplishments.

Gord - VE1EO

--
Gord Beaman
PEI Canada.

3595. Re: AO-40 Alive (was Re: ao-40 is like a sinking ship.)

Newsgroup: rec.radio.amateur.space
Date: 2000-12-29 04:26:53 UTC
From: Michael Black <blackm00@Gloria.CAM.ORG>
Message-ID: <Pine.LNX.4.10.10012282318440.8153-100000@Gloria.CAM.ORG>
Source record: 7079
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.space

On 29 Dec 2000, Jeffrey Herman wrote:

> How about some long-range dreaming: At least seven private
> corporations are planning on sending packages to the moon
> (CNN news item). Just think if we could have them include
> some amateur gear with their launches. What obstacles would
> have to be overcome in order to have equipment that would
> work in the lunar environment?
>
> If each of us kicked in ten bucks, would the nearly $7M generated
> be enough to fund such a project?
>
> KH6O
>

Actually, there was a plan for doing this back in the sixties.

It was called Project Moonray, and the idea was to include an
amateur translator on one of the last trips to the moon.

I remember reading at least one article about the project in CQ, it
must have been in 1968 or 69 though I first read the article a
few years after the fact. I just did a quick search through my
old magazines, and can't find the article.

I was never sure how much of it was dreaming, and how much of it
was real. From memory of the article, they had worked out the details,
and it was do-able.

I just did a websearch, and there is a bit about the project here:
http://www.nitehawk.com/rasmit/nick.html

Among other things, it says the project was intended to go up with
Apollo 18, but the Apollo Project was cancelled before we got to
that number.

The websearch also turned up some hits a few years old indicating
there were plans to revive the project.

Someone with QST on CDROM might check the annual index from '68 and '69
to see if there's mention of Project Moonray. I did check my QSTs,
but not only are they not all in the same place or neatly ordered, but
I didn't bother checking the VHF column.

Michael VE2BVW

3596. AO-40 Stability and Orbit

Newsgroup: rec.radio.amateur.space
Date: 2000-12-29 06:53:08 UTC
From: "M. Schneider" <markinokla@juno.com>
Message-ID: <eDW26.424$po4.3300@newsfeed.slurp.net>
Source record: 7080

Now that AO-40 looks to be back in business, (or at least on it's way), can somebody clear up a few things for me?

First, I've seen several references here that suggest that the sat. is not stable. The suggestion is that it's wobbling or tumbling. If so, what effect will that have on future orbital corrections? I'm guessing there is some sort of stabilization system on board, isn't there?

Second, a fellow local ham has heard that there were problems with the orbit change. What he heard was that the sat. will end up in a much higher and eccentric orbit than planned. True/False?

What's the word on all this? I've tried to read the amsat website, but can't make heads or tails of the officalspeak. (Officialspeak: language and phrasing used by bureaucrats and/or government officials to deliberately obfuscate* otherwise simple statements.)

Mark
K5MAR

*Obfuscate: 1: to make dark or obscure 2: confuse

3597. Re: AO-40 Stability and Orbit

Newsgroup: rec.radio.amateur.space
Date: 2000-12-29 08:30:55 UTC
From: "William F. Hagen" <whagen@inreach.com>
Message-ID: <3A4C4BBF.C54095CF@inreach.com>
Source record: 7081

there has been a comment that it is spinning or tumbling, and the burn
went a few minutes into overtime and the satellite ended up at 60,000
miles instead of 50,000 miles, but this was not thought to be a major
problem. The photon cannon hit from the Klingon target practice is the
real difficulty.

M. Schneider wrote:
>
> Now that AO-40 looks to be back in business, (or at least on it's way), can
> somebody clear up a few things for me?
>
> First, I've seen several references here that suggest that the sat. is not
> stable. The suggestion is that it's wobbling or tumbling. If so, what
> effect will that have on future orbital corrections? I'm guessing there is
> some sort of stabilization system on board, isn't there?
>
> Second, a fellow local ham has heard that there were problems with the orbit
> change. What he heard was that the sat. will end up in a much higher and
> eccentric orbit than planned. True/False?
>
> What's the word on all this? I've tried to read the amsat website, but
> can't make heads or tails of the officalspeak. (Officialspeak: language
> and phrasing used by bureaucrats and/or government officials to deliberately
> obfuscate* otherwise simple statements.)
>
> Mark
> K5MAR
>
> *Obfuscate: 1: to make dark or obscure 2: confuse

3598. Re: AO-40 Stability and Orbit

Newsgroup: rec.radio.amateur.space
Date: 2000-12-29 08:55:27 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn94okbv.8sb.nomail@linux.pe1chl.ampr.org>
Source record: 7083

M. Schneider <markinokla@juno.com> wrote:
>What's the word on all this? I've tried to read the amsat website, but
>can't make heads or tails of the officalspeak. (Officialspeak: language
>and phrasing used by bureaucrats and/or government officials to deliberately
>obfuscate* otherwise simple statements.)

Try www.amsat-dl.org and www.amsat-uk.org instead.

Rob
--
+--------------------------------+-------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
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3599. Re: AO-40 Alive (was Re: ao-40 is like a sinking ship.)

Newsgroup: rec.radio.amateur.space
Date: 2000-12-29 08:58:19 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn94okhb.8sb.nomail@linux.pe1chl.ampr.org>
Source record: 7082
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.space

Jeffrey Herman <jeffreyh@Hawaii.Edu> wrote:
>How about some long-range dreaming: At least seven private
>corporations are planning on sending packages to the moon
>(CNN news item). Just think if we could have them include
>some amateur gear with their launches. What obstacles would
>have to be overcome in order to have equipment that would
>work in the lunar environment?

A lot. There is nothing attractive about having equipment on the moon.
(this has been beaten to death before, try checking some archive services)

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
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3600. NOAA 16 status?

Newsgroup: rec.radio.amateur.space
Date: 2000-12-29 13:51:43 UTC
From: Ash <abuse@gravitywell.org>
Message-ID: <3A4C96EC.71178AB0@gravitywell.org>
Source record: 7084

Will noaa-16's APT ever be operational again? or is it all gone
Is HPRT in use on noaa15 & 16? perhaps time to buy a downconverter
and recieve hprt instead then...

//Ash

3601. Solar Activity during AO40 crash??

Newsgroup: rec.radio.amateur.space
Date: 2000-12-29 15:32:46 UTC
From: zydeco <xxx@xxxx.net>
Message-ID: <jl236.523$rd.28576@news2.mco>
Source record: 7085

Hello
I am just Joe ham. But seems to me we had some big solar flares and storms right around the time of the system crash. I tried to look up the data and found this site for the 13th Dec 2000. Can any one give me the bottom line. I'm having a little trouble interpreting it. It just tickled my brain. I was wondering if the Sun smoked our Christmas bird. (sic)
here is the link to the data:
http://www.sec.noaa.gov/getftp.cgi?get=indices/events/20001213events.txt

tnx 73 de wb5tla k

3602. Re: NOAA 16 status?

Newsgroup: rec.radio.amateur.space
Date: 2000-12-29 16:15:42 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn94pe5e.8sb.nomail@linux.pe1chl.ampr.org>
Source record: 7086

Ash <abuse@gravitywell.org> wrote:
>Will noaa-16's APT ever be operational again? or is it all gone

I think it is only off because the orbit and frequency collides with
another sat. I presume it will be turned on when that problem disappears.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

3603. Re: NOAA 16 status?

Newsgroup: rec.radio.amateur.space
Date: 2000-12-29 18:04:47 UTC
From: Ash <abuse@gravitywell.org>
Message-ID: <3A4CD2D8.9B7A43FA@gravitywell.org>
Source record: 7087

Yes that was the reason they turned it off in was it november?
It was supposed to come back on in the middle of december ,
but it didn't and I heard it was because of a malfunction...
The frequency collision is long gone by now...

Rob Janssen wrote:

> Ash <abuse@gravitywell.org> wrote:
> >Will noaa-16's APT ever be operational again? or is it all gone
>
> I think it is only off because the orbit and frequency collides with
> another sat. I presume it will be turned on when that problem disappears.
>
> Rob
> --
> +--------------------------------+--------------------------------------+
> | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
> | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
> +--------------------------------+--------------------------------------+

3604. Re: NOAA 16 status?

Newsgroup: rec.radio.amateur.space
Date: 2000-12-29 18:43:14 UTC
From: marsgal42@hotmail.com
Message-ID: <92im01oho1@nnrp1.deja.com>
Source record: 7088

In article <3A4CD2D8.9B7A43FA@gravitywell.org>,
Ash <abuse@gravitywell.org> wrote:

> Yes that was the reason they turned it off in was it november?
> It was supposed to come back on in the middle of december ,
> but it didn't and I heard it was because of a malfunction...
> The frequency collision is long gone by now...

Not at all: NOAA-12's APT transmitter was turned off for a
while because it was interfering with NOAA-15. This had
nothing to do with NOAA-16. It hadn't even been launched yet.

The status of all NOAA weather satellites is available at
<http://psbsgi1.nesdis.noaa.gov:8080/EBB/ml/nic14.html>

There you will find that NOAA-16 is still undergoing initial
checkout (so there is no guarantee of *any* downlink), and
that the APT transmitter was shut down in November due to an
anomaly that the engineers are trying to figure out.

Receiving HRPT is non-trivial, but it remains on my to do
list...

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..." - Hospital/Shafte

Sent via Deja.com
http://www.deja.com/

3605. Re: AO-40 Stability and Orbit

Newsgroup: rec.radio.amateur.space
Date: 2000-12-29 18:56:31 UTC
From: "M. Schneider" <markinokla@juno.com>
Message-ID: <e7536.8749$po4.8262@newsfeed.slurp.net>
Source record: 7089

Thanks to William and Rob for their responses. Does amsat-dl have an
English [or American! ;<)] language page? I didn't see any reference to one
on their site.
Thanks and Happy New Year to all,
73
Mark Schneider
K5MAR

"Rob Janssen" <nomail@rob.knoware.nl> wrote in message
news:slrn94okbv.8sb.nomail@linux.pe1chl.ampr.org...
> M. Schneider <markinokla@juno.com> wrote:
> >What's the word on all this? I've tried to read the amsat website, but
> >can't make heads or tails of the officalspeak. (Officialspeak: language
> >and phrasing used by bureaucrats and/or government officials to
deliberately
> >obfuscate* otherwise simple statements.)
>
> Try www.amsat-dl.org and www.amsat-uk.org instead.
>
> Rob
> --
> +--------------------------------+--------------------------------------+
> | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
> | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
> +--------------------------------+--------------------------------------+

3606. Re: AO-40 Alive (was Re: ao-40 is like a sinking ship.)

Newsgroup: rec.radio.amateur.space
Date: 2000-12-29 21:26:01 UTC
From: gbeaman@pei.sympatico.ca
Message-ID: <3a4cfe03.2469685@news1.pei.sympatico.ca>
Source record: 7090
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.space

nomail@rob.knoware.nl (Rob Janssen) wrote:

>Jeffrey Herman <jeffreyh@Hawaii.Edu> wrote:
>>How about some long-range dreaming: At least seven private
>>corporations are planning on sending packages to the moon
>>(CNN news item). Just think if we could have them include
>>some amateur gear with their launches. What obstacles would
>>have to be overcome in order to have equipment that would
>>work in the lunar environment?
>
>A lot. There is nothing attractive about having equipment on the moon.
>(this has been beaten to death before, try checking some archive services)
>
>Rob
>--

Rob, this is just about the most ridiculous statement that anyone could possibly make...you just cannot be serious can you?. Are you of the opinion that OSCAR is less than wonderful?. What other 'hobby' can say that THEY HAVE SATELLITES IN ORBIT?...it's a stupendous accomplishment, stupendous, no other way to describe it...where's your pride for christ's sake?...you don't deserve to claim to be part of this great fellowship. I've been a very active ham for nearly forty years now and I still admire the accomplishments of our membership. Shape up or ship out sir.

--
Gord Beaman
PEI Canada.

3607. Re: AO-40 Stability and Orbit

Newsgroup: rec.radio.amateur.space
Date: 2000-12-29 22:29:08 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn94q41k.8sb.nomail@linux.pe1chl.ampr.org>
Source record: 7093

M. Schneider <markinokla@juno.com> wrote:
>Thanks to William and Rob for their responses. Does amsat-dl have an
>English [or American! ;<)] language page? I didn't see any reference to one
>on their site.

I did not realize that it would be so difficult to click on the correct
link on their start page... did you try?

Well, the oscar 40 news is on:

http://www.amsat-dl.org/journal/adlj-p3d.htm

It is bi-lingual.

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

3608. Re: NOAA 16 status?

Newsgroup: rec.radio.amateur.space
Date: 2000-12-29 22:30:13 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn94q43l.8sb.nomail@linux.pe1chl.ampr.org>
Source record: 7092

marsgal42@hotmail.com <marsgal42@hotmail.com> wrote:
>Not at all: NOAA-12's APT transmitter was turned off for a
>while because it was interfering with NOAA-15. This had
>nothing to do with NOAA-16. It hadn't even been launched yet.

Ah, I confused the numbers...

Rob
--
+--------------------------------+-------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+-------------------------------------+

3609. Re: AO-40 Alive (was Re: ao-40 is like a sinking ship.)

Newsgroup: rec.radio.amateur.space
Date: 2000-12-29 22:32:18 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn94q47i.8sb.nomail@linux.pe1chl.ampr.org>
Source record: 7091
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.space

Gord Beaman <gbeaman@pei.sympatico.ca> wrote:
>nomail@rob.knoware.nl (Rob Janssen) wrote:

>>Jeffrey Herman <jeffreyh@Hawaii.Edu> wrote:
>>>How about some long-range dreaming: At least seven private
>>>corporations are planning on sending packages to the moon
>>>(CNN news item). Just think if we could have them include
>>>some amateur gear with their launches. What obstacles would
>>>have to be overcome in order to have equipment that would
>>>work in the lunar environment?

>>A lot. There is nothing attractive about having equipment on the moon.
>>(this has been beaten to death before, try checking some archive services)

>>Rob
>>--

>Rob, this is just about the most ridiculous statement that anyone could possibly
>make...you just cannot be serious can you?. Are you of the opinion that OSCAR is
>less than wonderful?. What other 'hobby' can say that THEY HAVE SATELLITES IN
>ORBIT?...it's a stupendous accomplishment, stupendous, no other way to describe
>it...where's your pride for christ's sake?...you don't deserve to claim to be
>part of this great fellowship. I've been a very active ham for nearly forty
>years now and I still admire the accomplishments of our membership. Shape up or
>ship out sir.

I said "There is nothing attractive about having equipment on the moon.".
That does not state anything about orbiting satellites, those are a
completely different animal.

People suggesting it would be neat to have something on the moon usuallY
(always?) have not realized the problems associated with getting something
there, keeping it working, and then doing something useful with it.

You can have a repeater on the bottom of the atlantic. But that does not
mean it is an attractive thing to have.

Rob
--
+---------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+---------------------------------+--------------------------------------+

3610. Re: NOAA 16 status?

Newsgroup: rec.radio.amateur.space
Date: 2000-12-29 23:07:31 UTC
From: Ash <abuse@gravitywell.org>
Message-ID: <3A4D19CD.3FB72589@gravitywell.org>
Source record: 7094

Well, there yah go :)
NOAA 16 was launched at the time I was talking about, but someone must
have mixed up
the reason its APT was turned off and mistaken it for NOAA12 and it's
frequency collision.
At last a straight answer, thanks :)

marsgal42@hotmail.com wrote:

> In article <3A4CD2D8.9B7A43FA@gravitywell.org>,
> Ash <abuse@gravitywell.org> wrote:
>
> > Yes that was the reason they turned it off in was it november?
> > It was supposed to come back on in the middle of december ,
> > but it didn't and I heard it was because of a malfunction...
> > The frequency collision is long gone by now...
>
> Not at all: NOAA-12's APT transmitter was turned off for a
> while because it was interfering with NOAA-15. This had
> nothing to do with NOAA-16. It hadn't even been launched yet.
>
> The status of all NOAA weather satellites is available at
> <http://psbsgi1.nesdis.noaa.gov:8080/EBB/ml/nic14.html>
>
> There you will find that NOAA-16 is still undergoing initial
> checkout (so there is no guarantee of *any* downlink), and
> that the APT transmitter was shut down in November due to an
> anomaly that the engineers are trying to figure out.
>
> Receiving HRPT is non-trivial, but it remains on my to do
> list...
>
> Laura Halliday VE7LDH "Que les nuages soient notre
> Grid: CN89mg pied a terre..." - Hospital/Shafte
>
> Sent via Deja.com
> http://www.deja.com/

3611. Re: AO-40 Alive (was Re: ao-40 is like a sinking ship.)

Newsgroup: rec.radio.amateur.space
Date: 2000-12-30 00:19:40 UTC
From: jeffreyh@Hawaii.Edu
Message-ID: <92j9ms$n3o$1@news.hawaii.edu>
Source record: 7095
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.space

Rob Janssen <nomail@rob.knoware.nl> wrote:
>There is nothing attractive about having equipment on the moon.

One attraction is that the moon is visible for a minimum of 20 days
per month; amateur gear up there could provide consistant communications
for 2/3 of each month (or until the batteries ran down during the
periods when the moon is in the Earth's shadow).

>(this has been beaten to death before, try checking some archive services)

Maybe so, but now we have at least seven private corporations that
are showing an interest in sending packages to the moon; we've never
had that before -- that solves a huge logistics problem.

73, Jeff KH6O

3612. Re: AO-40 Alive (was Re: ao-40 is like a sinking ship.)

Newsgroup: rec.radio.amateur.space
Date: 2000-12-30 00:28:33 UTC
From: marsgal42@hotmail.com
Message-ID: <92ja7e$912$1@nnrp1.deja.com>
Source record: 7096

(newsgroups trimmed down to something more reasonable)

In article <slrn94q47i.8sb.nomail@linux.pe1chl.ampr.org>,
nomail@rob.knoware.nl (Rob Janssen) wrote:

> I said "There is nothing attractive about having equipment
> on the moon.". That does not state anything about orbiting
> satellites, those are a completely different animal.
>
> People suggesting it would be neat to have something on the
> moon usuallY (always?) have not realized the problems
> associated with getting something there, keeping it working,
> and then doing something useful with it.

Yes. It wouldn't work, it's been done to death, and those
who think it would be a neat idea need to do their homework.

G3RUH (who else? :-) discusses some of the issues. Look
for article 110 at www.amsat.org

I also wonder where people propose to find lunar launch
opportunities...last one I remember was Apollo 17. That
was a while ago.

We can do far better with satellites in geostationary
transfer orbit. Launch opportunities are available,
and if you can live with GTO you don't need propulsion,
an important saving (mass, money *and* complexity).

No, the idea isn't mine. Look at the 2000 AMSAT-NA
Symposium Proceedings.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..." - Hospital/Shafte

Sent via Deja.com
http://www.deja.com/

3613. Question: Vertical noise lines on NOAA APT image

Newsgroup: rec.radio.amateur.space
Date: 2000-12-30 00:55:05 UTC
From: Pervert_Extraordinaire <valued_customer1@att.com>
Message-ID: <3A4D326E.6C500A90@att.com>
Source record: 7097

[Followup set to rec.radio.amateur.antenna]

Hello,

I've been receiving weather sat images for several weeks.
I've progressed from an unmodified Radio Shack 2006 scanner
with a Discone antenna, to a Hamtronix R139 receiver with a
home-brew QFH antenna. My image quality has improved as I've
modified/upgraded the hardware. However, I'm at a loss how
to improve further.

My present setup:

Receiver:
-Hamtronix R139 Weather Sat Receiver
http://www.hamtronics.com/

Antenna:
-Home-brew QFH antenna, located at ground level
-50' interconnect, RG-213U coax, soldered PL259 and BNC
-antenna made with RG-58 coax per the following.
http://www.rig.org.uk/Members/Software/body_software.html

Demodulator:
-Dell 600Mhz, Turtle Beach Montego II A3D 320 sound card
-SatMon
http://www.satsignal.net/

I am getting vertical noise lines across the image. It appears
to be 60Hz related as there are 30 lines across one of the .250sec
NOAA horizontal scans. (120Hz) I've located the receiver ~10 feet away
from my PC, I've located the antenna as far away from the PC as possible,
I've tried disconnecting the power supplys for the speakers
and printers. I've turned off the monitor. I've moved the feed cables around
(with respect to my PC and PC power lines) but note little noise improvement.

I had the QFH located in the attic at one time. However it was connected
with RG-58 and had similar noise problems. I'm quite sure it I re-install
it (even with my improved RG-213U coax) I'd see the same noise.

I note the noise does decreases slightly as the bird overflys. This leads me
to believe the noise is entering on the antenna rather than my demodulated
(and screened) audio feed.

I do have a cell tower located 1/4 mile from me.

This appears to be my last major hurdle before obtaining quality images.

Any help would be greatly appreciated!!

This is a link to an example file.
http://home.att.net/~valued_customer/12292147.jpg

Followup set to rec.radio.amateur.antenna

3614. Re: Question: Vertical noise lines on NOAA APT image

Newsgroup: rec.radio.amateur.space
Date: 2000-12-30 01:28:46 UTC
From: marsgal42@hotmail.com
Message-ID: <92jdoa$bj1$1@nnrp1.deja.com>
Source record: 7098
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.space

In article <3A4D326E.6C500A90@att.com>,
Pervert_Extraordinaire <valued_customer1@att.com> wrote:

> I've been receiving weather sat images for several weeks...
> (snip...)
> I am getting vertical noise lines across the image. It appears
> to be 60Hz related as there are 30 lines across one of the .250sec
> NOAA horizontal scans...

(rec.radio.amateur.space added to newsgroups - this
is exactly the sort of thing the newsgroup talks about)

You should hear the buzz on the downlink. I had a bad
power line insulator a while ago that even clobbered
NOAA-16's deafening roar. You may have something similar.

Remember all those ham fox hunts and similar activities?
Now it's time to put those skills to use to find where the
noise is coming from. I got some really weird looks but
found the offending power pole in about 10 minutes...

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..." - Hospital/Shafte

Sent via Deja.com
http://www.deja.com/

3615. Re: Question: Vertical noise lines on NOAA APT image

Newsgroup: rec.radio.amateur.space
Date: 2000-12-30 02:07:20 UTC
From: Pervert_Extraordinaire <valued_customer1@att.com>
Message-ID: <3A4D435D.8AB637B1@att.com>
Source record: 7149
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.space

marsgal42@hotmail.com wrote:
>
> In article <3A4D326E.6C500A90@att.com>,
> Pervert_Extraordinaire <valued_customer1@att.com> wrote:
>
> > I've been receiving weather sat images for several weeks...
> > (snip...)
> > I am getting vertical noise lines across the image. It appears
> > to be 60Hz related as there are 30 lines across one of the .250sec
> > NOAA horizontal scans...
>
> (rec.radio.amateur.space added to newsgroups - this
> is exactly the sort of thing the newsgroup talks about)

Thanks!

> You should hear the buzz on the downlink. I had a bad
> power line insulator a while ago that even clobbered
> NOAA-16's deafening roar. You may have something similar.

Did you see the "wavy-ness" of the noise? I've been told
a 60Hz noise should be more fixed in period. Now I'm wondering
if it's something else?

> Remember all those ham fox hunts and similar activities?
> Now it's time to put those skills to use to find where the
> noise is coming from. I got some really weird looks but
> found the offending power pole in about 10 minutes...

Any suggestions on how to attack this. How does one
identify a bad insulator? Look for carbon tracks. ;-)

Thanks for the response!

3616. Re: AO-40 Alive (was Re: ao-40 is like a sinking ship.)

Newsgroup: rec.radio.amateur.space
Date: 2000-12-30 02:35:41 UTC
From: gbeaman@pei.sympatico.ca
Message-ID: <3a4d419d.19779062@news1.pei.sympatico.ca>
Source record: 7150
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.space

nomail@rob.knoware.nl (Rob Janssen) wrote:

>Gord Beaman <gbeaman@pei.sympatico.ca> wrote:
>>nomail@rob.knoware.nl (Rob Janssen) wrote:
>
>>>Jeffrey Herman <jeffreyh@Hawaii.Edu> wrote:
>>>>How about some long-range dreaming: At least seven private
>>>>corporations are planning on sending packages to the moon
>>>>(CNN news item). Just think if we could have them include
>>>>some amateur gear with their launches. What obstacles would
>>>>have to be overcome in order to have equipment that would
>>>>work in the lunar environment?
>
>>>A lot. There is nothing attractive about having equipment on the moon.
>>>(this has been beaten to death before, try checking some archive services)
>
>>>Rob
>>>--
>
>>Rob, this is just about the most ridiculous statement that anyone could possibly
>>make...you just cannot be serious can you?. Are you of the opinion that OSCAR is
>>less than wonderful?. What other 'hobby' can say that THEY HAVE SATELLITES IN
>>ORBIT?...it's a stupendous accomplishment, stupendous, no other way to describe
>>it...where's your pride for christ's sake?...you don't deserve to claim to be
>>part of this great fellowship. I've been a very active ham for nearly forty
>>years now and I still admire the accomplishments of our membership. Shape up or
>>ship out sir.
>
>I said "There is nothing attractive about having equipment on the moon.".
>That does not state anything about orbiting satellites, those are a
>completely different animal.
>
>People suggesting it would be neat to have something on the moon usuallY
>(always?) have not realized the problems associated with getting something
>there, keeping it working, and then doing something useful with it.
>
>You can have a repeater on the bottom of the atlantic. But that does not
>mean it is an attractive thing to have.
>
>Rob
Well I don't agree with you at all Rob. BTW, sorry to sound so harsh in the
first post there and thanks for not escalating the flames. In my opinion having
a repeater on the moon is no more inaccessible than having a repeater in orbit,

both are pretty well 'on their own' so to speak.

Hell, guys even bounce signals off the moon so why not use a repeater?...think of the prestige!...think of the fun of seeing how little power you can use to 'chunk' it!...gee...when it IDs in Morse you tell your neighbour that he's listening to "a ham radio transmitter on the moon"...instant big impression!...where's your 'experiment quotient'?.

When 'man first set foot on the moon' I took my two boys and two girls outside that night and pointed out the bright moon and told them that there was two men walking around on the surface there 'Right Now'...they remember it to this day! (at least the boys do!) and they were around 4 or 5 then!.

--
Gord Beaman
PEI Canada.

3617. Re: AO-40 Alive (was Re: ao-40 is like a sinking ship.)

Newsgroup: rec.radio.amateur.space
Date: 2000-12-30 03:53:58 UTC
From: "Jim Shaffer, Jr." <jshaffer@mail.csrlink.net>
Message-ID: <hcmq4tsfj74a7numqbhf5nub54aqb3qtt2@4ax.com>
Source record: 7151
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.space

On 30 Dec 2000 00:19:40 GMT, jeffreyh@Hawaii.Edu (Jeffrey Herman) wrote:

>One attraction is that the moon is visible for a minimum of 20 days
>per month; amateur gear up there could provide consistant communications
>for 2/3 of each month (or until the batteries ran down during the
>periods when the moon is in the Earth's shadow).

Your astronomy is incorrect. The moon keeps the same side toward earth at all times, plus or minus a few degrees, so your proposed rig would be workable at some time of day every day of the month, assuming that your proposed frequency isn't swamped by the sun on those few days each month that the moon is near the sun in the sky. However, it would be in total darkness for approximately two weeks each month.

--
Earth for Earthlings!

3618. Re: ISS on 145.990 FM

Newsgroup: rec.radio.amateur.space
Date: 2000-12-30 04:52:11 UTC
From: Dennis <dennis@monad.net>
Message-ID: <3a4d6ae6$1@news.monad.net>
Source record: 7152

Yup, no problem. '

"Pervert_Extraordinaire" <valued_customer1@att.com> wrote in message
news:3A458222.C8844FFD@att.com...
> Bruce Cox wrote:
> >
> > Heard one of the Russian cosmonauts on 145.990 mhz today on afternoon
> > pass over North Carolina. Heavily accented English and mentioned a
> > location and then nothing. All this on the packet channel. Pat, K4AVO
>
> <Ignorance Mode>
> Can one listen to this packet channel (145.990) with a simple NFM scanner?
> </Ignorance Mode>

3619. Re: AO-40 Alive (was Re: ao-40 is like a sinking ship.)

Newsgroup: rec.radio.amateur.space
Date: 2000-12-30 05:32:58 UTC
From: jeffreyh@Hawaii.Edu
Message-ID: <92js2abuk1@news.hawaii.edu>
Source record: 7153
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.space

Jim Shaffer, Jr. <jshaffer@mail.csrlink.net> wrote:
>jeffreyh@Hawaii.Edu (Jeffrey Herman) wrote:

>>One attraction is that the moon is visible for a minimum of 20 days
>>per month; amateur gear up there could provide consistant communications
>>for 2/3 of each month (or until the batteries ran down during the
>>periods when the moon is in the Earth's shadow).

>Your astronomy is incorrect. The moon keeps the same side toward earth
>at all times,

Yes, we all learned that in elementary school science. That doesn't
change the fact that the moon is *visible* for a minumum of 20 days
per month. The remaining time the equipment would be in the shadow
of the earth and the batteries wouldn't be charging.

KH6O

3620. Re: AO-40 Stability and Orbit

Newsgroup: rec.radio.amateur.space
Date: 2000-12-30 06:03:42 UTC
From: "M. Schneider" <markinokla@juno.com>
Message-ID: <sYe36.715$jl6.4967@newsfeed.slurp.net>
Source record: 7154

Sorry Rob, I just went back to their page, and I still don't see anything
that says anything like "For English - click here" or "Select Language" with
a drop-down menu.
Mark

"Rob Janssen" <nomail@rob.knoware.nl> wrote in message
news:slrn94q41k.8sb.nomail@linux.pe1chl.ampr.org...
> M. Schneider <markinokla@juno.com> wrote:
> >Thanks to William and Rob for their responses. Does amsat-dl have an
> >English [or American! ;<)] language page? I didn't see any reference to
one
> >on their site.
>
> I did not realize that it would be so difficult to click on the correct
> link on their start page... did you try?
>
> Well, the oscar 40 news is on:
>
> http://www.amsat-dl.org/journal/adlj-p3d.htm
>
> It is bi-lingual.
>
> Rob
> --
> +--------------------------------+--------------------------------------+
> | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
> | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
> +--------------------------------+--------------------------------------+

3621. Re: AO-40 Alive (was Re: ao-40 is like a sinking ship.)

Newsgroup: rec.radio.amateur.space
Date: 2000-12-30 06:39:07 UTC
From: jeffreyh@Hawaii.Edu
Message-ID: <92jvubfkb1@news.hawaii.edu>
Source record: 7155
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.space

Jim Shaffer, Jr. <jshaffer@mail.csrlink.net> wrote:

>Your astronomy is incorrect.

No it's not. Because there is no difference in the periods of rotation and revolution, the same side of the moon is always turned toward the earth. However, about 59% of the moon's surface has been seen from earth, due to libration: Libration in latitude occurs because the axis of rotation is tilted about 6.5 degrees WRT the axis of revolution. Libration in longitude occurs because the speed of revolution varies in accordance with Kepler's second law, while the rotational speed is essentially constant. Diurnal libration occurs because the changing position of the observer relative to the moon, due to rotation of the earth. Physical libration is a small pendulum-like rotational oscillation of the moon with respect to its radius vector.

KH6O

3622. Re: AO-40 Alive (was Re: ao-40 is like a sinking ship.)

Newsgroup: rec.radio.amateur.space
Date: 2000-12-30 08:43:50 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn94r826.8sb.nomail@linux.pe1chl.ampr.org>
Source record: 7157
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.space

Jeffrey Herman <jeffreyh@Hawaii.Edu> wrote:
>Rob Janssen <nomail@rob.knoware.nl> wrote:
>>There is nothing attractive about having equipment on the moon.

>One attraction is that the moon is visible for a minimum of 20 days
>per month;

That is actually pretty bad. An earth-orbiting satellite would be visible
every day and could even be visible all the time.

>amateur gear up there could provide consistant communications
>for 2/3 of each month (or until the batteries ran down during the
>periods when the moon is in the Earth's shadow).

It does not work like that. Study it again.

Rob
--
+---------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+---------------------------------+--------------------------------------+

3623. Re: AO-40 Alive (was Re: ao-40 is like a sinking ship.)

Newsgroup: rec.radio.amateur.space
Date: 2000-12-30 08:46:41 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn94r87h.8sb.nomail@linux.pe1chl.ampr.org>
Source record: 7156
Cross-posted to: rec.radio.amateur.equipment,rec.radio.amateur.misc,rec.radio.amateur.space

Gord Beaman <gbeaman@pei.sympatico.ca> wrote:
>Hell, guys even bounce signals off the moon so why not use a repeater?...think
>of the prestige!...think of the fun of seeing how little power you can use to
>'chunk' it!...gee...when it IDs in Morse you tell your neighbour that he's
>listening to "a ham radio transmitter on the moon"...instant big
>impression!...where's your 'experiment quotient'?.

This certainly shows you have not informed yourself before.
Read up on the situation, the problems, and the usefulness of the result in
one of the many posts that have been made before, or the G3RUH article.

Many amateurs may be prepared to donate money to get a useful satellite
to do every-day experiments. Few will be prepared to donate money to
compete with the government or private corporations about "prestige".

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

3624. Re: AO-40 Stability and Orbit

Newsgroup: rec.radio.amateur.space
Date: 2000-12-30 11:31:41 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn94rhst.8sb.nomail@linux.pe1chl.ampr.org>
Source record: 7158

M. Schneider <markinokla@juno.com> wrote:
>Sorry Rob, I just went back to their page, and I still don't see anything
>that says anything like "For English - click here" or "Select Language" with
>a drop-down menu.
>Mark

>"Rob Janssen" <nomail@rob.knoware.nl> wrote in message
>news:slrn94q41k.8sb.nomail@linux.pe1chl.ampr.org...
>> M. Schneider <markinokla@juno.com> wrote:
>> >Thanks to William and Rob for their responses. Does amsat-dl have an
>> >English [or American! ;<)] language page? I didn't see any reference to
>one
>> >on their site.

>> I did not realize that it would be so difficult to click on the correct
>> link on their start page... did you try?

>> Well, the oscar 40 news is on:

>> http://www.amsat-dl.org/journal/adlj-p3d.htm

>> It is bi-lingual.

>> Rob

I find this difficult to believe. Any other English-only readers who could
not find out how to navigate to the Amsat Oscar 40 news from the
www.amsat-dl.org start page?
Any readers that still can not find the english text when I point them
to the http://www.amsat-dl.org/journal/adlj-p3d.htm URL?

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

3625. Re: AO-40 Stability and Orbit

Newsgroup: rec.radio.amateur.space
Date: 2000-12-30 11:41:33 UTC
From: Rene Tuijtel <tuijtel@home.nl>
Message-ID: <NRj36.15545$j7.73218@dbsch1.home.nl>
Source record: 7159

> I find this difficult to believe. Any other English-only readers who could
> not find out how to navigate to the Amsat Oscar 40 news from the
> www.amsat-dl.org start page?
> Any readers that still can not find the english text when I point them
> to the http://www.amsat-dl.org/journal/adlj-p3d.htm URL?
>
> Rob

No problem here.

73 Ren&#65533; PE1CAJ

3626. Re: AO-40 Alive (was Re: ao-40 is like a sinking ship.)

Newsgroup: rec.radio.amateur.space
Date: 2000-12-30 13:29:06 UTC
From: Paul Keinanen <keinanen@sci.fi>
Message-ID: <l2lr4tkqj7t1emv4blhjmskmqtvjfgvfr9@4ax.com>
Source record: 7160

On Sat, 30 Dec 2000 00:28:33 GMT, marsgal42@hotmail.com wrote:

>I also wonder where people propose to find lunar launch
>opportunities...last one I remember was Apollo 17. That
>was a while ago.

The Lunakhod rower would have been a much better platform, since it was pressurised, thus, greatly simplifying heat dissipation problems. It also contained a radioisotope generator to keep the systems warm (but inoperational) during the lunar night. But this was a long time ago.

Anyway,the lunar surface would be the most stupid place to put an amateur repeater due to delta-v, power and link budget reasons.

>We can do far better with satellites in geostationary
>transfer orbit. Launch opportunities are available,
>and if you can live with GTO you don't need propulsion,
>an important saving (mass, money *and* complexity).

The GTO is a usable compromise as long as we can not deploy several geosynchronous satellites. While the geosynchronous orbit is not stable, thus requiring some station keeping fuel, there is not a need to maintain the position as accurately as TV satellites (due to the smaller bandwidth requirements of amateur transmissions and hence no need for very narrow antenna beams), thus much less station keeping fuel is required.

Paul OH3LWR

3627. Re: AO-40 Stability and Orbit

Newsgroup: rec.radio.amateur.space
Date: 2000-12-30 13:29:07 UTC
From: Paul Keinanen <keinanen@sci.fi>
Message-ID: <s2mr4tgt8pppetebs5nvca5c966pce0ao1@4ax.com>
Source record: 7161

On Fri, 29 Dec 2000 22:29:08 GMT, nomail@rob.knoware.nl (Rob Janssen) wrote:

>http://www.amsat-dl.org/journal/adlj-p3d.htm

>It is bi-lingual.

That seems to be the largest hurdle for our friends across the Pond:-)

Paul OH3LWR

3628. Re: AO-40 Stability and Orbit

Newsgroup: rec.radio.amateur.space
Date: 2000-12-30 13:45:55 UTC
From: Jim Jerzycke <kq6ea@amsat.org>
Message-ID: <3A4DE713.E0C10CB7@amsat.org>
Source record: 7162

Well........Not ALL of us!
73, Jim KQ6EA

3629. Re: Question: Vertical noise lines on NOAA APT image

Newsgroup: rec.radio.amateur.space
Date: 2000-12-30 15:43:19 UTC
From: "Richard C. Ferryman" <Richard.Ferryman@btinternet.com>
Message-ID: <a9ur4t85q2asksna3cu1clcdoq3miducj7@4ax.com>
Source record: 7163

Feel for any rougness or pitting in the insualor :='

Pervert_Extraordinaire <valued_customer1@att.com> wrote:

>Any suggestions on how to attack this. How does one
>identify a bad insulator? Look for carbon tracks. ;-)
>

3630. Re: NOAA 16 status?

Newsgroup: rec.radio.amateur.space
Date: 2000-12-30 16:36:07 UTC
From: Drew Wilson <Drew@metuk.net>
Message-ID: <5ao36.27676$WC3.2583092@nnrp4.clara.net>
Source record: 7164

"Ash" <abuse@gravitywell.org> wrote in message
news:3A4D19CD.3FB72589@gravitywell.org...
> Well, there yah go :)
> NOAA 16 was launched at the time I was talking about, but someone must
> have mixed up
> the reason its APT was turned off and mistaken it for NOAA12 and it's
> frequency collision.
> At last a straight answer, thanks :)

Here are the facts.

NOAA 16'S APT tx is faulty. The satellite continues to transmitt using HRPT.
Ground control noticed higher than normal current with no or weak signal.
They have tried several times to switch on the TX with no success.
NOAA 15 has been switched off due to close proximity with NOAA 12.
NOAA 12 & 14 continue to give good APT signals.

I hope this helps.

Regards

Drew
GM0BRJ

3631. Next school contact via ham radio with the ISS

Newsgroup: rec.radio.amateur.space
Date: 2000-12-30 17:40:29 UTC
From: Will Marchant <kc6rol@amsat.org>
Message-ID: <3A4E1E1C.B52FEFE5@amsat.org>
Source record: 7165
Cross-posted to: rec.radio.amateur.space,sci.space.station

The International Space Station contact with the Armstrong Fundamental School in Hampton, VA, USA will be during the first week of January. Barring unforeseen circumstances their contact will be one of 2001-01-04 starting at 13:38 UTC or 2001-01-05 starting at 20:34 UTC. I'll try to keep the page at http://ariss.gsfc.nasa.gov/ up to date with any changes. The downlink will be on 145.80 and should be easily audible over the East coast of North America. Real-time coverage of the audio is expected via the Internet.

--
Will Marchant
marchant@ssl.berkeley.edu http://chips.ssl.berkeley.edu/~marchant/
kc6rol@amsat.org New==>http://home.earthlink.net/~willmarchant/

3632. Re: ISS on 145.990 FM

Newsgroup: rec.radio.amateur.space
Date: 2000-12-30 18:08:39 UTC
From: Scott <acepilot@win.bright.net>
Message-ID: <3A4E24A7.70137CFB@win.bright.net>
Source record: 7166

But all you'll hear is BRAAAAAP! Now let me turn on ignorance
mode...haven't been overly active until late, what is ISS?

Scott
N0EDV

Dennis wrote:
>
> Yup, no problem. '
>
> "Pervert_Extraordinaire" <valued_customer1@att.com> wrote in message
> news:3A458222.C8844FFD@att.com...
> > Bruce Cox wrote:
> > >
> > > Heard one of the Russian cosmonauts on 145.990 mhz today on afternoon
> > > pass over North Carolina. Heavily accented English and mentioned a
> > > location and then nothing. All this on the packet channel. Pat, K4AVO
> > >
> > <Ignorance Mode>
> > Can one listen to this packet channel (145.990) with a simple NFM scanner?
> > </Ignorance Mode>

--
--Scott--
1986 Corben Junior Ace N3642
http://corbenflyer.tripod.com/
RV-4 under construction (tail feathers)

Gotta Fly or Gonna Die!

3633. Re: ISS on 145.990 FM

Newsgroup: rec.radio.amateur.space
Date: 2000-12-30 18:45:11 UTC
From: Ian Robert Walker <Ian@newbrain.demon.co.uk>
Message-ID: <mW1ZiJA30iT6Ewsg@newbrain.demon.co.uk>
Source record: 7167

In article <3A4E24A7.70137CFB@win.bright.net>, Scott
<acepilot@win.bright.net> writes
>But all you'll hear is BRAAAAAP! Now let me turn on ignorance
>mode...haven't been overly active until late, what is ISS?

International Space Station, where have you been? Don't they let you
have news in there!
--
G8ILZ

3634. Re: AO-40 Stability and Orbit

Newsgroup: rec.radio.amateur.space
Date: 2000-12-30 19:56:49 UTC
From: rdcole@yahoo.com
Message-ID: <3a4e37d6.232219834@news.gte.net>
Source record: 7168

The wobbling, tumbling, it's actually Spinning.
Spin Stabilization is used on satellites. Spinning like a gyro gives it stability and thermal control. Since one side does not always face the Hot Sun or Cold deep space. AO-40 however will not always spin, once it's in the final orbital position it will be de Spun and deploy the Solar Panels and High Gain antenna's.
There is a unique thermal management systems onboard that will handle keeping the birds temperature under control and 3-axis stability to keep the antennas pointed at the earth as it orbits.

There was a problem with the first Orbital positioning burn it ran a little long than planed. It did place the bird in a higher orbit than planed for at this time, however there are several more burns of the large 400N motor needed to get to the final orbital position.

This satellite is one of the Most complex satellites ever placed in orbit by anybody and it takes time to get the bird into position and operational. The task before the controllers is monumental and having the Ham Radio community looking over you shoulder offering half brained suggestions as to what to do to fix some perceived problem does not make their job easier.

There will be a lot of rumors going around about the health of the bird being given by people that simply don't know. The only good source of information is the AMSAT news service, subscribe to that e-mail list at www.amsat.org.

Ron
N5HYH

On Fri, 29 Dec 2000 00:53:08 -0600, "M. Schneider"
<markinokla@juno.com> wrote:

>Now that AO-40 looks to be back in business, (or at least on it's way), can
>somebody clear up a few things for me?
>
>First, I've seen several references here that suggest that the sat. is not
>stable. The suggestion is that it's wobbling or tumbling. If so, what
>effect will that have on future orbital corrections? I'm guessing there is
>some sort of stabilization system on board, isn't there?
>
>Second, a fellow local ham has heard that there were problems with the orbit
>change. What he heard was that the sat. will end up in a much higher and
>eccentric orbit than planned. True/False?
>
>What's the word on all this? I've tried to read the amsat website, but

>can't make heads or tails of the officalspeak. (Officialspeak: language
>and phrasing used by bureaucrats and/or government officials to deliberately
>obfuscate* otherwise simple statements.)
>
>Mark
>K5MAR
>
>*Obfuscate: 1: to make dark or obscure 2: confuse
>
>
>

3635. Re: AO-40 Stability and Orbit

Newsgroup: rec.radio.amateur.space
Date: 2000-12-30 22:27:23 UTC
From: Paul Keinanen <keinanen@sci.fi>
Message-ID: <4els4tofeu9ajo3u6btkc4d1hok0rdesi1@4ax.com>
Source record: 7169

On Sat, 30 Dec 2000 19:56:49 GMT, rdcole@yahoo.com (Ron) wrote:

>The wobbling, tumbling, it's actually Spinning.

Do you have any reliable information that it has intentionally been put into a spinning mode ? The story I have heard is that it is really tumbling, which would suggest an unintentional ejection of propellant.

>There was a problem with the first Orbital positioning burn it ran a
>little long than planed. It did place the bird in a higher orbit than
>planed for at this time, however there are several more burns of the
>large 400N motor needed to get to the final orbital position.

The extra apogee height is not a problem, since the intention has been to increase the orbital inclination from 6 degrees to 63 degrees, a high apogee will minimise the propellant consumption.

>This satellite is one of the Most complex satellites ever placed in
>orbit by anybody and it takes time to get the bird into position and
>operational.

This may be the most complicated amateur satellite manoeuvre, but the most complex communication satellite manoeuvre was about a year ago, when the satellite ended into a useless orbit due to a booster failure. The satellite was flown around the moon to get into a usable orbit.

3636. Re: AO-40 Stability and Orbit

Newsgroup: rec.radio.amateur.space
Date: 2000-12-30 23:35:34 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn94ssa5.f13.nomail@linux.pe1chl.ampr.org>
Source record: 7170

Paul Keinanen <keinanen@sci.fi> wrote:
>On Sat, 30 Dec 2000 19:56:49 GMT, rdcole@yahoo.com (Ron) wrote:

>>The wobbling, tumbling, it's actually Spinning.

>Do you have any reliable information that it has intentionally been
>put into a spinning mode ? The story I have heard is that it is really
>tumbling, which would suggest an unintentional ejection of propellant.

Where did you read about the tumbling?

On "official" sites I read only that the spin rate as measured by watching the downlink signal is about twice as high as correct/expected, and that the spin rate as indicated by the telemetry is what would be expected.

Assuming the minimal set of unexplainable facts, I would assume the measurement of spin rate from the downlink signal is incorrect.
But apparently the control stations, who know much more about this, assume that both the spin rate is unexplainably high and the telemetry indication for it is somehow defective.

When the spin rate indeed is very high, it of course remains to be explained why that is... the helium pressure is measured to be normal, but maybe the propellant or oxydizer could have escaped from the tanks without helium pressurization?

I have always wondered how the motor valves can be open for an unintentionally long time, but still close at the same moment for propellant and oxydizer. When the valves are sticky, one would not assume that... But maybe these are some kind of "tandem" valves that always open and close at the same time?

Could it be that the spin rate is high because the computer has been left in a crashed state so long, and the magnetorquers have spun it up? The latest reports before the burn said that the attitute relative to the magnetic field was such that spin up was easy. However, I expect that the magnetorquer operation needs some really coherent software operation, not simply sending some rubbish to an output port one time.

Rob
--
+---------------------------------+---------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+---------------------------------+---------------------------------------+

3637. Re: AO-40 Stability and Orbit

Newsgroup: rec.radio.amateur.space
Date: 2000-12-30 23:44:23 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn94ssqn.f13.nomail@linux.pe1chl.ampr.org>
Source record: 7171

Ron <rdcole@yahoo.com> wrote:
>There will be a lot of rumors going around about the health of the
>bird being given by people that simply don't know. The only good
>source of information is the AMSAT news service, subscribe to that
>e-mail list at www.amsat.org.

Although ANS has released a couple of news bulletins lately, it seems like
they think that the best way of avoiding the spread of incorrect or not
yet completely verified information is to keep absolutely silent.

Of course this does not work very well in the real world... they will
not be the source of incorrect information, but it will spread even
faster still, because everyone will start speculating.

Fortunately there are some sites that provide somewhat more frequently
updated status information, like www.amsat-dl.org and www.amsat-uk.org

Rob
--
+--------------------------------+--------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+--------------------------------------+

3638. antenna control info req please

Newsgroup: rec.radio.amateur.space
Date: 2000-12-31 12:07:38 UTC
From: matt <mattobr@ntlworld.com>
Message-ID: <3A4F218A.2A997D78@ntlworld.com>
Source record: 7172

Hi all

i am thinking about using my computer to control my antennas

i have got a DCE az rotator & a yaesu g400 el rotator the dce could do with being replaced in the next 12months due to ware (bit sloppy in the wind) i have beren trying to look for a yaesu gs-232 controller but i can not find any info on the net or does anyone have any othe ideas

cheers matt
g7obr

3639. AO-40 Status reports

Newsgroup: rec.radio.amateur.space
Date: 2000-12-31 14:26:01 UTC
From: trg150@aol.com
Message-ID: <20001231092601.07665.00000367@ng-fb1.aol.com>
Source record: 7173

I havent seen much at all about AO-40 since Dec 26th??? Does anyone know of any up to date information since contact was re-established??? both ARRL and CQ havent had any updates in days????????

3640. Re: ISS on 145.990 FM

Newsgroup: rec.radio.amateur.space
Date: 2000-12-31 14:57:00 UTC
From: Scott <acepilot@win.bright.net>
Message-ID: <3A4F493C.C0A74E7A@win.bright.net>
Source record: 7174

With all the acronyms these days it's impossible to keep up on all of them. ISS sounds like a new mode (SSB GTOR AMTOR RTTY HSMS "ISS"). Why can't people just say "International Space Station"?

Scott
N0EDV

Ian Robert Walker wrote:
>
> In article <3A4E24A7.70137CFB@win.bright.net>, Scott
> <acepilot@win.bright.net> writes
> >But all you'll hear is BRAAAAAP! Now let me turn on ignorance
> >mode...haven't been overly active until late, what is ISS?
>
> International Space Station, where have you been? Don't they let you
> have news in there!
> --
> G8ILZ

--
--Scott--
1986 Corben Junior Ace N3642
http://corbenflyer.tripod.com/
RV-4 under construction (tail feathers)

Gotta Fly or Gonna Die!

3641. Re: ISS on 145.990 FM

Newsgroup: rec.radio.amateur.space
Date: 2000-12-31 15:29:39 UTC
From: Ian Robert Walker <Ian@newbrain.demon.co.uk>
Message-ID: <WBwl3UAjD1T6Ew7W@newbrain.demon.co.uk>
Source record: 7176

In article <3A4F493C.C0A74E7A@win.bright.net>, Scott
<acepilot@win.bright.net> writes
>With all the acronyms these days it's impossible to keep up on all of
>them. ISS sounds like a new mode (SSB GTOR AMTOR RTTY HSMS "ISS"). Why
>can't people just say "International Space Station"?
>
>Scott
>N0EDV
>
>
>Ian Robert Walker wrote:
>>
>> In article <3A4E24A7.70137CFB@win.bright.net>, Scott
>> <acepilot@win.bright.net> writes
>> >But all you'll hear is BRAAAAAP! Now let me turn on ignorance
>> >mode...haven't been overly active until late, what is ISS?
>>
>> International Space Station, where have you been? Don't they let you
>> have news in there!

Perhaps for the same reason you typed "SSB GTOR AMTOR RTTY HSMS" and not
single side band, etc.
--
G8ILZ

3642. Re: AO-40 Stability and Orbit

Newsgroup: rec.radio.amateur.space
Date: 2000-12-31 15:38:38 UTC
From: Rick Tannehill <rickw7rt@firstinter.net>
Message-ID: <3A4F52FE.FBBD3776@firstinter.net>
Source record: 7175

Rob Janssen wrote:

> Paul Keinanen <keinanen@sci.fi> wrote:
> >On Sat, 30 Dec 2000 19:56:49 GMT, rdcole@yahoo.com (Ron) wrote:
>
> >>The wobbling, tumbling, it's actually Spinning.
>
> >Do you have any reliable information that it has intentionally been
> >put into a spinning mode ? The story I have heard is that it is really
> >tumbling, which would suggest an unintentional ejection of propellant.
>
> Where did you read about the tumbling?
>
> On "official" sites I read only that the spin rate as measured by watching
> the downlink signal is about twice as high as correct/expected, and that
> the spin rate as indicated by the telemetry is what would be expected.
>
> Assuming the minimal set of unexplainable facts, I would assume the
> measurement of spin rate from the downlink signal is incorrect.
> But apparently the control stations, who know much more about this,
> assume that both the spin rate is unexplainably high and the telemetry
> indication for it is somehow defective.
>
> When the spin rate indeed is very high, it of course remains to be
> explained why that is... the helium pressure is measured to be normal,
> but maybe the propellant or oxydizer could have escaped from the tanks
> without helium pressurization?
>
> I have always wondered how the motor valves can be open for an
> unintentionally long time, but still close at the same moment for
> propellant and oxydizer. When the valves are sticky, one would not assume
> that... But maybe these are some kind of "tandem" valves that always
> open and close at the same time?
>
> Could it be that the spin rate is high because the computer has been
> left in a crashed state so long, and the magnetorquers have spun it up?
> The latest reports before the burn said that the attitute relative to
> the magnetic field was such that spin up was easy. However, I expect
> that the magnetorquer operation needs some really coherent software
> operation, not simply sending some rubbish to an output port one time.
>
> Rob
> --
> +--------------------------------+--------------------------------------+

> | Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
> | AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
> +--------------------------------+--------------------------------------+

Just a thought......if the satellite has some "wobble", it's spin rate would appear to be much higher as the narrowbeam S-band antenna would seem to peak and null to a ground station much faster than the actual spin rate. Wonder if they've looked into that?

Rick T.
W7RT

3643. Re: antenna control info req please

Newsgroup: rec.radio.amateur.space
Date: 2000-12-31 16:32:48 UTC
From: Ralph Mowery <rmowery@dialpoint.net>
Message-ID: <92nmge$234r$1@newsreader.cetlink.net>
Source record: 7177

Go to the amsat.org page and look under the files section. There is a program called fodtrack. It is a very simple tracking program that has a simple interface that works off the parallel port. In the program is a schematic for the interface. They were offering the interface for sell already built if you want it. I bought one from them several years ago and it works fine with the Yeasu AZ/EL rotators. Should work with any rotator that has a pot that tells the antenna position and relays for the direction. If not it should be able to modify the circuit to do so.

As the tracking program is just a basic get the job done program , I usually run a graphics tracking program in another window under windows 98.

> i am thinking about using my computer to control my antennas
>
> i have got a DCE az rotator & a yaesu g400 el rotator the dce could do
> with being replaced in the next 12months due to ware (bit sloppy in the
> wind) i have beren trying to look for a yaesu gs-232 controller but i
> can not find any info on the net or does anyone have any othe ideas
>
>
> cheers matt
> g7obr

3644. Re: AO-40 Status reports

Newsgroup: rec.radio.amateur.space
Date: 2000-12-31 16:55:10 UTC
From: nomail@rob.knoware.nl
Message-ID: <slrn94up7d.f13.nomail@linux.pe1chl.ampr.org>
Source record: 7180

TRG150 <trg150@aol.com> wrote:
>I havent seen much at all about AO-40 since Dec 26th??? Does anyone know of
>any up to date information since contact was re-established??? both ARRL and
>CQ havent had any updates in days????????

www.amsat-dl.org

Rob
--
+--------------------------------+-------------------------------------+
| Rob Janssen pe1chl@amsat.org | WWW: http://www.knoware.nl/users/rob |
| AMPRnet: rob@pe1chl.ampr.org | AX.25 BBS: PE1CHL@PI8WNO.#UTR.NLD.EU |
+--------------------------------+-------------------------------------+

3645. Re: AO-40 Status reports

Newsgroup: rec.radio.amateur.space
Date: 2000-12-31 17:23:26 UTC
From: Sven Arne Astrup <sastrup@online.no>
Message-ID: <IYJ36.5283$v46.187762@news1.oke.nextra.no>
Source record: 7178

Follow this link:

http://www.amsat-dl.org/

You will find all info on a day to day basis on AO-40

73 de Sven LA6KJ

TRG150 <trg150@aol.com> skrev i
news:20001231092601.07665.00000367@ng-fb1.aol.com...
> I havent seen much at all about AO-40 since Dec 26th??? Does anyone
know of
> any up to date information since contact was re-established??? both ARRL
and
> CQ havent had any updates in days????????

3646. Re: AO-40 Status reports

Newsgroup: rec.radio.amateur.space
Date: 2000-12-31 17:34:35 UTC
From: Spencer Webb <webb@alum.mit.edu>
Message-ID: <92nqnepdv1@pyrite.mv.net>
Source record: 7179

http://www.amsat-uk.org/phase3d.htm

"TRG150" <trg150@aol.com> wrote in message
news:20001231092601.07665.00000367@ng-fb1.aol.com...
> I havent seen much at all about AO-40 since Dec 26th??? Does anyone
know of
> any up to date information since contact was re-established??? both ARRL
and
> CQ havent had any updates in days????????

3647. Re: AO-40 Stability and Orbit

Newsgroup: rec.radio.amateur.space
Date: 2000-12-31 20:35:48 UTC
From: Drew Wilson <Drew@metuk.net>
Message-ID: <92o5be$of6$1@uranium.btinternet.com>
Source record: 7181

"Paul Keinanen" <keinanen@sci.fi> wrote in message
news:4els4tofeu9ajo3u6btkc4d1hok0rdesi1@4ax.com...

> Do you have any reliable information that it has intentionally been
> put into a spinning mode ? The story I have heard is that it is really
> tumbling, which would suggest an unintentional ejection of propellant.

There was a very interesting point raised by G3RWL at Amsat UK during one of the updates a couple of days ago.

"I'm not sure how *anything* could have leaked without affecting the helium pressure"

I include a snip from one of the Updates from Peter DB20S:

<A quick look at the LIU instrumentation showed that the Helium high pressure was essentially where we left it after the first <400N motor burn (173 bar).

I would have though this would be a good indicator that nothing is leaking.

Just a thought.

Best Wishes for the New year

73's from Drew

GM0BRJ

E-Mail to me at: Drew@metuk.net
kilimax@bigfoot.com

For the latest UK & US Weather, visit :
http://www.metuk.net

3648. Re: Question: Vertical noise lines on NOAA APT image

Newsgroup: rec.radio.amateur.space
Date: 2000-12-31 22:24:08 UTC
From: Dante'@inferno.net
Message-ID: <92obm8$nr2$4@news.uky.edu>
Source record: 7182
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.space

In article <3A4D435D.8AB637B1@att.com>, valued_customer1@att.com says...
>
snip
>Any suggestions on how to attack this. How does one
>identify a bad insulator? Look for carbon tracks. ;-)
snip
Use a handheld scanner tunned to an unused spot in the VHF civil air band
(108-138) to "track down" noise sources. Remember the air band is AM and you
should be able to hear the noise fairly clear. To verify a power pole has a
bad insulator (or wire junction), use a 3Lb{1Kg} (or so) hammer to tap,
(DO NOT SLAM the pole!) a little tap will do. You should be able to hear the
noise change when the pole is taped.
Good luck and expect some very strange looks!

3649. Re: Question: Vertical noise lines on NOAA APT image

Newsgroup: rec.radio.amateur.space
Date: 2000-12-31 22:43:00 UTC
From: Pervert_Extraordinaire <valued_customer1@att.com>
Message-ID: <3A4FB675.70BB9CEE@att.com>
Source record: 7183
Cross-posted to: rec.radio.amateur.antenna,rec.radio.amateur.space

Speaker to Animals wrote:
> In article <3A4D435D.8AB637B1@att.com>, valued_customer1@att.com says...
> snip
> >Any suggestions on how to attack this. How does one
> >identify a bad insulator? Look for carbon tracks. ;-)
> snip
> Use a handheld scanner tunned to an unused spot in the VHF civil air band
> (108-138) to "track down" noise sources. Remember the air band is AM and you
> should be able to hear the noise fairly clear. To verify a power pole has a
> bad insulator (or wire junction), use a 3Lb{1Kg} (or so) hammer to tap,
> (DO NOT SLAM the pole!) a little tap will do. You should be able to hear the
> noise change when the pole is taped.

Will the scanner allow me to narrow down the potential poles? In other words,
will the noise change volume as I approach the offending pole? Or must I
hammer on all poles within a mile of my house? ;-)

> Good luck and expect some very strange looks!

Yea.... I'd expect quite a few.
Hope I don't see a group of people in white coats approaching. ;-)